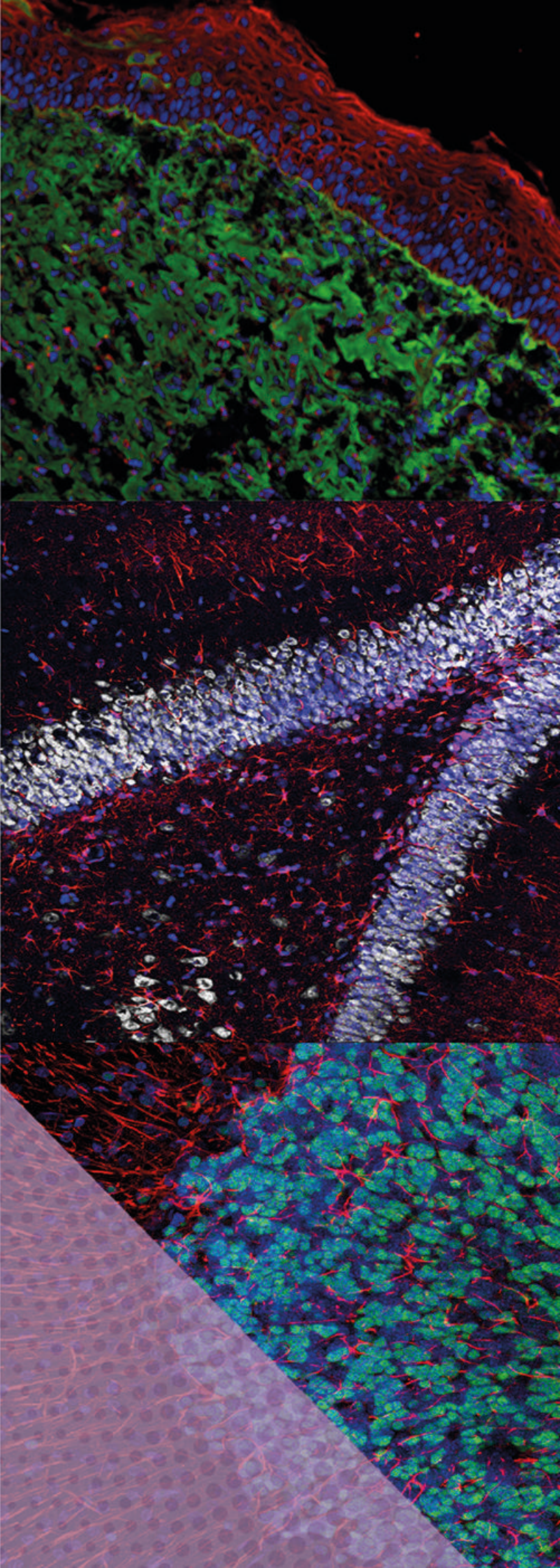


SCIENTIFIC

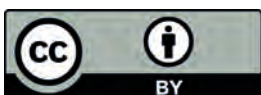
REPORT

2021





IdISSC



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Acknowledgments: To all the staff of the research groups for their contribution and effort in the preparation of this report.

Cover images decided by Dr. Ulises Alonso Gómez Pinedo (ORCID: 0000-0003-3097-5557)

DESCRIPTION OF IMAGES

Fire in the Field

During the regenerative process of skin lesions, the analysis of fibronectin expression (green) is an indicator of the degree of regeneration as it is a molecule closely related to the repair of connective tissue and fibroblasts. At the same time, a lectin (red-WGA) was used in the same sample, which has a high affinity for cell membranes, so that we can observe in parallel the organisation of the stratum spinosum (skin layer) and its interaction with fibronectin and thus estimate the percentage of regeneration achieved. Confocal microscope SP2 Leica, Objective: 20x immersion, blue diode (405 nm) Ar (488) and He/Ne (633) lasers. DAPI-Blue-Nuclei / Fibronectin-green- connective tissue or fibroblasts / wheat germ agglutinin lectin (WGA)-red- cell membranes. Translated with www.DeepL.com/Translator (free version)

The main function of the cerebellum is to integrate the sensory and motor pathways, and to integrate all the information received in order to specify and control the orders that the cerebral cortex sends to the locomotor apparatus via the motor pathways. Therefore, the study of cerebellar alterations is essential in order to develop strategies aimed at their treatment. Immunohistochemistry against GFAP (Astrocytes-red), NeuN (Neurons-green) and nuclei (DAPI-blue). Confocal microscope, Objective: 20x immersion, blue diode (405 nm) Ar (488) and He/Ne (633) lasers. Translated with www.DeepL.com/Translator (free version)

Immunohistochemistry against GFAP (Astrocytes-red), NeuN (Neurons-white) and nuclei (DAPI-blue).
Confocal microscope, Objective: 20x immersion, blue diode (405 nm) Ar (488) and He/Ne (633) lasers.

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p.227	UTS.7	UACE Support Unit for Research Ethics Committees and Clinical Trial Coordination
p.228	UTS.8	UICEC Clinical Research and Clinical Trail Unit
p.229	UTS.9	UFAR Pharmacy Support Unit: Research Drug Management
p.230	UTS.10	CLEAN ROOM Cell therapy Unit, Clean room
p.231	UTS.12	UFARCLI Phase I and Clinical Pharmacology Studies Unit
p.232	UTS.13	URECEL Unit or Response and function of cells
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LETTER FROM THE SCIENTIFIC MANAGEMENT

2021 was another year of rapid changes for IdISSC and the world. The pandemic continued to disrupt research professionals, coping with COVID-19 new demands while trying to advance in the objectives of our five thematic areas. Through the difficulties, we found reasons to be optimistic, as a brighter future seemed within our grasp. IdISSC fought and showed once again the extraordinary ability of science to overcome humanity's greatest trials. The adaptability and commitment of IdISSC professionals minimized obstacles to our progress.

In this challenging scenario, our focus on research quality helped us to walk the crisis road. In 2021 a new Strategic Plan was formulated, including the first "Equality and diversity plan" approved and new committees' members also nominated. IdISSC continued the dialogue with non-scientific actors, supporting the United Nations' efforts to achieve the Sustainable Development Goals, with a view to further strengthen our place in society. As part of our strategy, a specific mention to the groups from the Complutense University of Madrid, that enhanced collaborations to bolster our results, and the integration of the Polytechnic University of Madrid, which started to gain significant traction. Additional changes were made in governance activities, an essential part of our strategy and an important driver to reach our priorities, to inspire our professionals, and to successfully implement our personnel succession plans. New requirements were also imposed on us as a result of regulatory employment improvements. Initiatives were undertaken to promote the professional development of the IdISSC staff, knowing IdISSC future will depend on our ability to retain key leaders while also recruiting new talent who bring skills and original perspectives.

Pressure on society and the healthcare system due to the COVID-19 pandemic persisted. In a post-pandemic world, the learned lessons enabled us to maintain high levels of efficiency in a changing work environment. The IdISSC impact on the world remained in 2021, with near 30% success in national and 11.5% in international competitive grant applications; with 879 articles and reviews published, half of them in the first quartile and near 20% in the first decile of their specific areas; with 530 active clinical trials; with 25 new clinical guidelines; with 42 doctoral thesis defended... Additionally, we entered into strategic alliances and collaborations, both nationwide and international, such as CIBERinfect, EATRIS or a RICORS coordinated from IdISSC, to name just a few. Again this year, IdISSC was awarded a new Independent Clinical Trial project with support of ISCIII funds, which allowed us to embrace the rising need for innovative therapies.

The new Strategic Plan settled the innovation bases for years to come. Hand in hand with the UPM, and included in the ITEMAS innovation platform, progress in digital technologies and in the development of new healthcare models was expected to create opportunities. To take advantage of these opportunities, we embarked upon the definition of a new area, with the goal of leveraging AI technologies and improve the way we use data. Such transformations based on the power of technology were meant to generate partnerships to automate processes and complement our capabilities. Furthermore, our increasing institutional use of social media and digital platforms expanded the ways we engage with patients and other non-scientific actors. In addition, IdISSC accessed to funds for new equipment in 2021, aiding to support efforts in some of these initiatives.

As I write this letter, the world remains facing difficulties. Yet we look ahead with confidence. The pandemic demonstrated what is possible when collaborative science rises. This annual report shows IdISSC researchers delivered a solid performance in 2021, and were devoted to our long-term strategy aimed at creating solutions for patients with unmet medical needs. May we all strive to build leading positions in international research and improve and extend people's lives.

Elena Urcelay García

Scientific Director (IdISSC)



From left to right, **Joana Modolell Aguilar** Director (FIB HCSC), **José Soto Bonel** President (FIB HCSC) and **Elena Urcelay García** Scientific Director (IdISSC).

INTRODUCTION

The Health Research Institute of the Hospital Clínico San Carlos in Madrid was created with the intention of promoting research and planning the scientific activity in line with the areas defined in the strategic plan. It consists of the following entities:



Mission

To promote and consolidate the biomedical research and innovation activities of the groups that make up the institute, thus building an efficient and sustainable organisation that generates scientific evidence geared towards healthcare practice and improving the health of citizens.

View

To be an inclusive and diverse community that seeks scientific rigour, with international projection that conducts networked research, is committed to innovation, technological development and health results.

Values

The Values of the Health Research Institute of the Hospital Clínico San Carlos are:

- > Proximity
- > Continuous Improvement
- > Transparency



2021

SCIENTIFIC REPORT

ANNUAL MILESTONES

European funding awarded to 3 projects



Dietary Assessment & Further Development of Biomarkers for All. (PI. Dr. Alfonso Calle. OGS.9)



Transformación de datos clínicos recogidos en BDCLIN al estándar internacional OMOP. (PI: María Luaces/Julio Mayol. OGS.13)



BRCA1/2 and Hereditary Breast, Ovarian and Pancreatic (HBOP) Cancer Variant Curation Expert Panels. (IP Miguel de la Hoya. ONC.1)



IdISSC becomes an associate member of EATRIS (European Infrastructure For Translational Medicine)



3 new REACT-EU innovation projects (HealthStart Plus)



8 health research projects awarded



Award of 1 project for the acquisition of Scientific-Technical Equipment and Infrastructures (Dra. Elena Urcelay).



Award of 1 independent Clinical Trial (Dra. Celia Oreja-Guevara)



Incorporation into CIBERINFECT of the IIIA.10 research group (IP Dr. Vicente Estrada)



Coordination of the Red de Investigación Inflamación e Inmunopatología de Órganos y Sistemas



Incorporation of 2 research groups into the Red de Investigación Cooperativa Orientadas a Resultados en Salud (RICORS) del ISCIII



Concession of 1 Miguel Servet, 2 Río Hortega and 2 Sara Borrel contracts.



Mercedes Rubio Martínez. Fellowship “Stop Fuga de Cerebros” ROCHE FARMA



Bárbara Burgos Blasco. Best original scientific work published by a Nobel researcher. XXVII HCSC Scientific Award



Dalifer D Freites Núñez. Best original published scientific paper. XXVII HCSC Scientific Award



Juan Carlos Gómez Pérez. Award for Excellence 2021: “Antonio Gimbernat”



Publication of the IdISSC Training Plan 2021



Incorporation of 2 research groups from the Polytechnic University of Madrid.



Creation of the new core facility: Unidad de Inmunomonitorización del Cáncer y de Patologías Inmunomediadas (UICPI)



Approval of the IdISSC Strategic Plan for the period 2021-2025



Approval of the FIB Equality Plan



Publication of the Research Seminar Programme

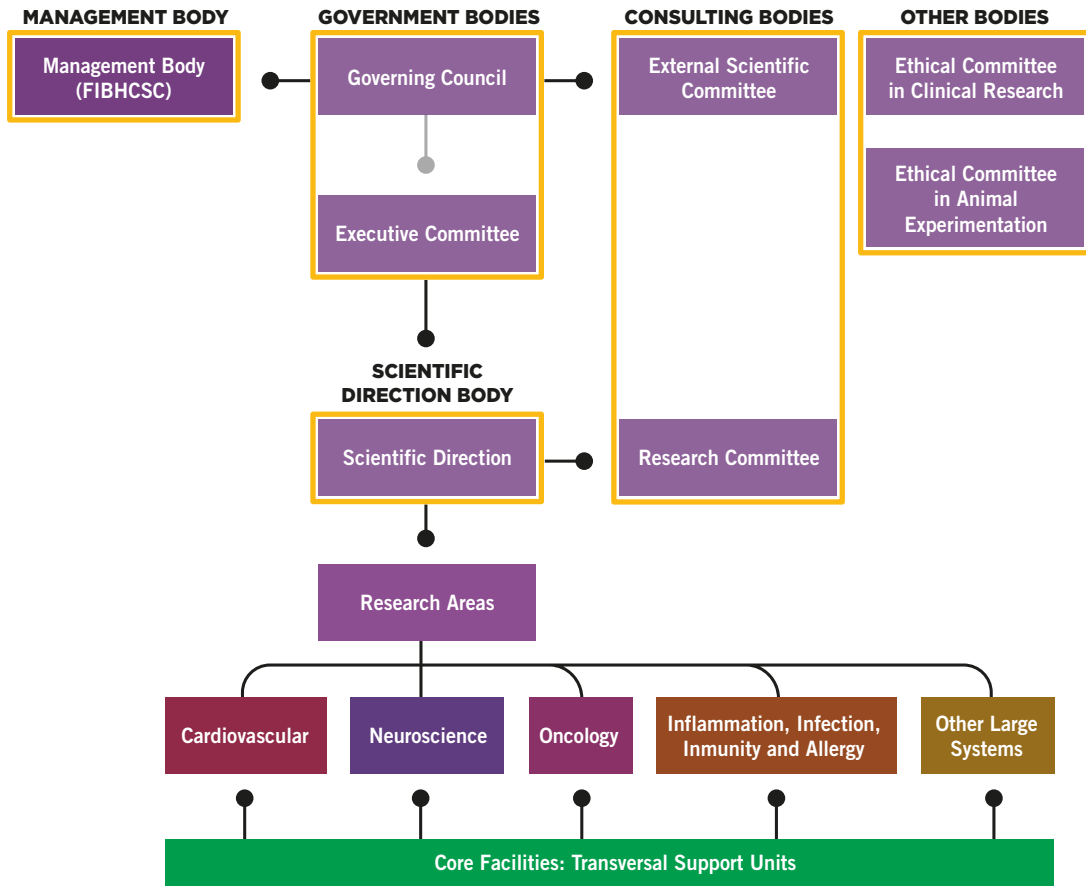


Recognition of the UCM to the HCSC as Outstanding Collaborator Entity in Academic Experimental Training. This is the first time a public Hospital deserves such recognition



IdISSC ORGANISATION AND RESEARCH STRUCTURE

Organisational chart



The board of Governors

Governance is exercised through the following boards and committees:

President	
Manuel Molina Muñoz	Full position at SERMAS
1° Vicepresidents	
Margarita San Andrés Moya	Chancellor of the Universidad Complutense de Madrid (UCM)
2° Vicepresidents	
Asunción Gómez Pérez	Chancellor of the Universidad Politécnica de Madrid (UPM)

Members	
José Luis Álvarez-Sala Walther	Member of the Department of Health
Javier Arias Díaz	President of the Research Committee of HCSC
Teresa Chavarría Giménez	Member of the Directorate General of de Planning, Research and Training
M ^a Jesús Fernández Aceñero	Member of the Department of Health
Mar García Arenillas	President of the Clinical Research Ethics Committee
Carlos Macaya Miguel	Member of the Department of Health
Antonio Portolés Pérez	Member of the Universidad Complutense de Madrid
Julio Mayol Martínez	Member of the Department of Health
María Luaces Méndez	President of the FIBHCSC Scientific Committee
Joaquín Poch Broto	President of the FIBHCSC Advisory Board
José Francisco Soto Bonel	Director of the Hospital Clínico San Carlos
Elena Urcelay García	Scientific Director of IdISSC
Secretary	
Joana Modolell Aguilar	Director of FIB HCSC

DELEGATED COMMITTEE

President	
Francisco Soto Bonel	Director of the Hospital Clínico San Carlos
Members	
Jose Luis Carreras Delgado	UCM Researcher attached to IdISSC
Carina José Escobar Manero	Patient representative
Montserrat Fernández Rivas	HCSC Researcher attached to IdISSC
Gustavo Víctor Guinea Tortuero	UPM Researcher attached to IdISSC
Rocío Herrero Vanrell	UCM Researcher attached to IdISSC
Jose Martínez Orgado	HCSC Researcher attached IdISSC
Elena Urcelay García	Scientific Director of IdISSC
Secretary	
Joana Modolell Aguilar	Director of FIB HCSC



THE SCIENTIFIC ADVISORY BOARD

José Luis Ayuso Mateos

Hospital Universitario de la Princesa

Lisardo Boscá Gomar

Instituto de Investigaciones Biomédicas Alberto Sols (CSIC-UAM)

Juan Iovanna

DRCE INSERM), Center of Research in Cancerology of Marseille (CRCM)

María Isabel Loza

ERIC EU-OPENSCREEN

Matilde Sánchez Ayuso

Centro de Investigaciones Biológicas (CIB) del CSIC

Antonio Sarria

ISCIII

Ana Isabel Cuenda Méndez

Investigadora Científica del Departamento de Inmunología y Oncología del Centro Nacional de Biotecnología (CNB) del CSIC

THE SCIENTIFIC COMMITTEE

President

Elena Urcelay García

Vicepresident

Magdalena Torres Molina

Secretary

Emilio Vargas Castrillón

Members

Lydia Abasolo Alcázar

Silvia Corrochano

Manuel Fuentes Ferrer

Enrique Gómez Aguilera

Nieves Gonzalo

Miguel de la Hoya

María Luaces Méndez

Víctor Maojo

Alberto Marcos Dolado

Javier Martín Sánchez

Ismael Ortuño Soriano

Leopoldo Pérez de Isla

Iñigo Sagastagoitia Fornie

Susana Sánchez-Gil

Guillermo Velasco

Technical Unit Personnel:

Director of FIB HCSC	Joana Modolell Aguilar, PhD
Technical Secretary for Research of IdISSC	Susana Sánchez Gil, PhD
IdISSC Manager	Sara Muñoz Vicente
International Projects Management	Marina López Pérez
National Projects Management	Margarita Idoia Esnaola Zabala Carolina García Espinosa Alba Sáez López
Support technician for call management and promotion	Alba Sáez López
Legal manager and data protection	Sara Villegas de la Fuente
Donations and Own Projects Management	Pilar Martín-Toledano Gallego
Clinical Trials Management	Pilar Orozco Alonso Carolina García Espinosa
Legal Department and Research and Development Transfer	Amalia Díaz-Rubio Amate
Clinical Trial Contract Management	Patricia Rodríguez Lega
Legal Department	Irene Díaz González
Legal Department and data protection	Sara Villegas de Fuentes
Economic and Financial Administration	Fernando Blanco Andrino
Human Resources Management	Esther Olmedilla María Miguel Horcajuelo Rivera
Administrative Support	Esther Santamaría Herrera Carmen Parrilla Sánchez-Rebato





RESEARCH STRUCTURE

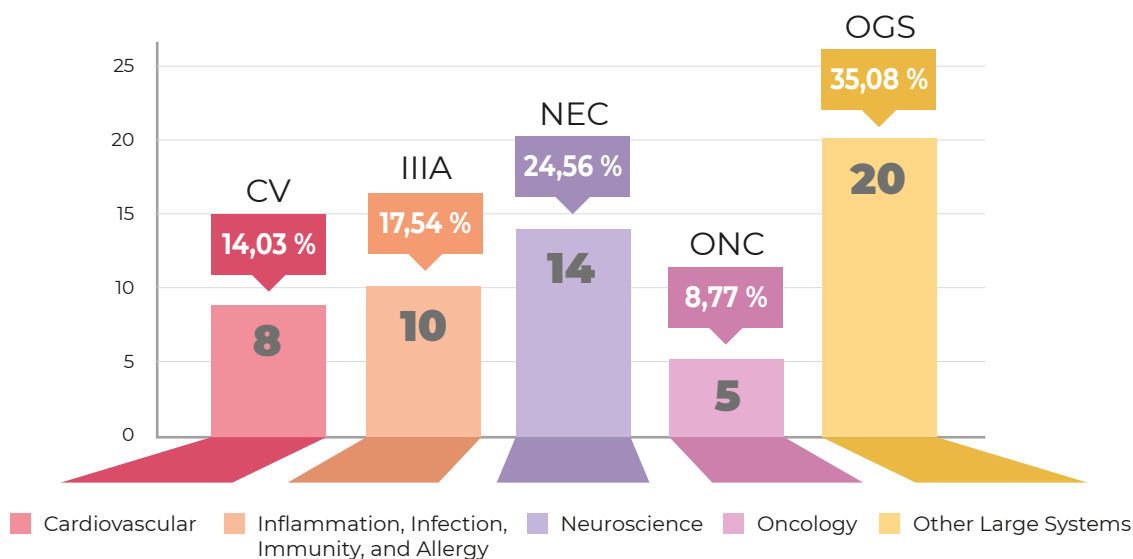
IdISSC is Structured in five thematic vertical areas and one transversal support area.

For more information on the scientific areas and research groups, please visit the IdISSC web page (<http://www.idissc.org>).

- > Cardiovascular Area: Research area leader: María Luaces Méndez
- > Inflammation, Infection, Immunity, and Allergy Area: Research area leader: Lydia Abásolo Alcázar
- > Neuroscience Area: Research area leader: Alberto Marcos Dolado
- > Oncology Area: Research area leader: Miguel de la Hoya Mantecón
- > Other Large Systems Area: Research area leader: Ismael Ortuño Soriano
- > Transversal Research Support Units

Research groups by area

The IdISSC is made up of 57 research groups and 16 transversal research support units, in addition to the technical support units of the UCM and the UPM. During 2021, two groups from the Polytechnic University of Madrid have been incorporated, and the research group in contemporary physiotherapy has been reactivated.



Transversal support area

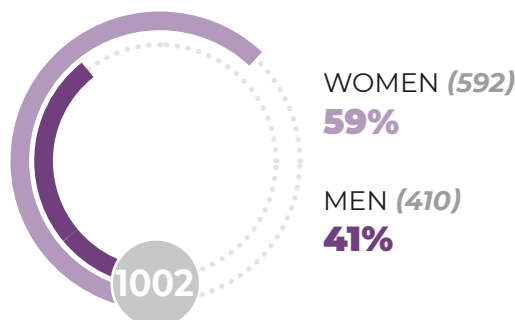
TRANSVERSAL SUPPORT AREA	RESEARCH AREA LEADS
Flow Cytometry Unit (UCIF)	<i>Dulcenombre Gómez Garre</i>
Genomics Unit:	
Genomics and Microarrays Laboratory	<i>Beatriz Pérez-Villamil</i>
Molecular Oncology Laboratory	<i>Guillermo Velasco Díez</i>
Immunogenetics and Sequencing Laboratory	<i>Miguel Fernández Arquero</i>
Microbiota Laboratory	<i>Dulcenombre Gómez Garre.</i>
Experimental Medicine and Surgery Unit: (Animal House, Laboratories and Operating Rooms) (UMECE)	<i>Pablo Antonio González López</i>
	<i>María Cruz Rodríguez-Bobada González del Campo</i>

TRANSVERSAL SUPPORT AREA	RESEARCH AREA LEADS
Research Methodological Support Unit (UAMI)	Manuel Fuentes Ferrer.
Biobank	Luis Ortega Medina
Innovation Support Unit (UI)	Julio Ángel Mayol Martínez
Support unit for research ethics and clinical trial coordination committees (UACE)	M ^a Mar García Arenillas
Clinical Research and Clinical Trials Unit (UICEC)	Antonio Portolés Pérez
Pharmacy Support Unit: Research Medication Management (UFAR)	JM. Martínez Sesmero
Cell Therapy Unit. Clean Room	Pilar Tornero Esteban
Laboratories, Offices and Clinical Services for Research Support (LABSERCLI)	
Institute of Laboratory Medicine	Mercedes Martínez-Novillo González
Nuclear Medicine Department	Jose Luis Carreras Delgado
Radiodiagnosis Department	Juan Arrazola García
Phase I and Clinical Pharmacology Studies Unit (UFARCLI)	Antonio Portolés Pérez
Unit of Response and function of cells (URECEL)	Elena Urcelay García Eduardo Anguita Mandly
NEW '21 Unit for Immunomonitoring of Cancer and Immunemediated Pathologies (UICPI)	Kissy Guevara Hoyer Marcos Viñuela Martín
Transversal Units of the Universidad Complutense de Madrid	http://www.idissc.org/investigacion-servicios-unidades-soporte-investigacion.php
Transversal Units of the Universidad Politécnica de Madrid	http://www.ctb.upm.es/core-facilities/

HUMAN RESOURCES

Researchers attached to the IdISSC

During 2021, the IdISSC staff comprised a total of **1.002** professionals, including researchers (**810**), support technicians (**163**) and administrative technicians (**29**).



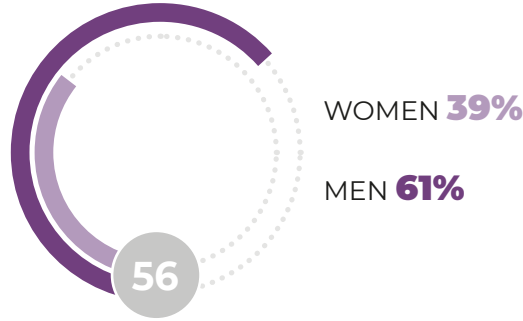
Investigator Personnel

♀ **448** (55,3%) ♂ **362** (44,6%)

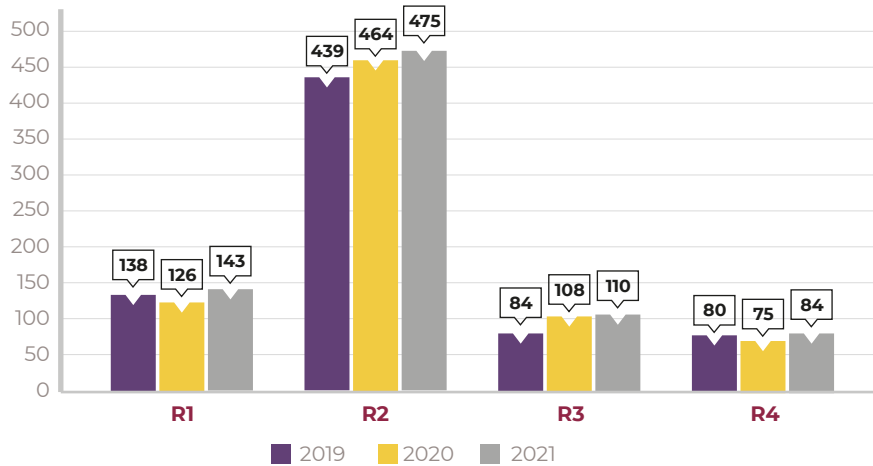
TOTAL 810	R1	97 (68,7%)	46 (32,2%)	143 (17,65%)
	R2	278 (58,5%)	197 (41,4%)	475 (58,64%)
	R3	49 (44,5%)	61 (55,5%)	110 (13,58%)
	R4	24 (28,6%)	60 (71,4%)	84 (10,37%)



Principal investigators of competitively funded projects



Evolution of Investigators classified by European Research Carrier R1-R4

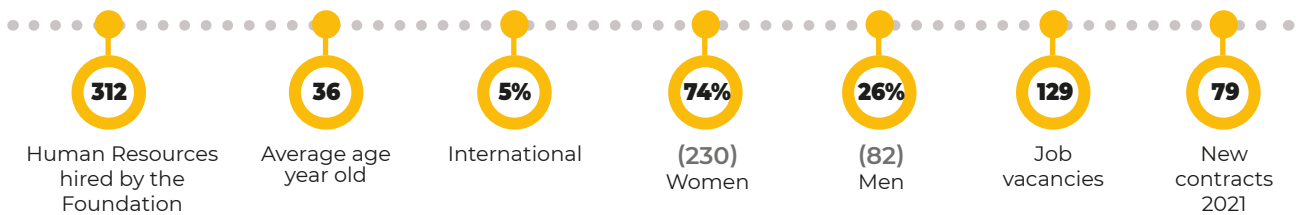


Human resources hired by the Fundación para la Investigación Biomédica del Hospital Clínico San Carlos

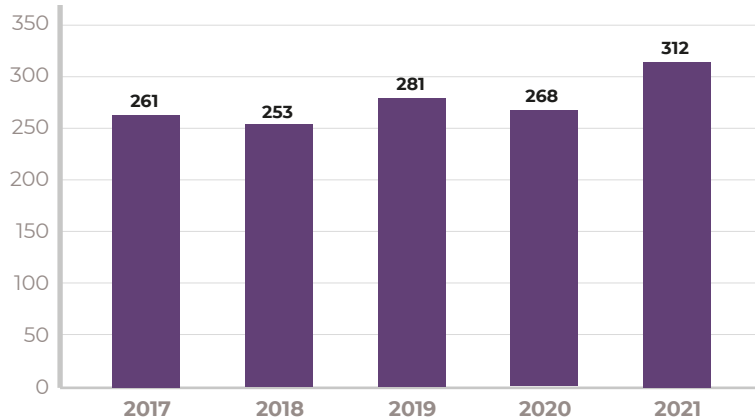
Distribution of Human Resources hired by the Foundation

FIB-HCSC CATEGORY	TOTAL
TOTAL ADMIN SUPPORT PERSONNEL	27
TOTAL SUPPORT PERSONNEL	221
TOTAL RESEARCH PERSONNEL	45
FIB- TECHNICAL & DIRECTOR UNIT	19
Total	312

The following describes the human capital and activity data during 2021.



Evolution Human Resources hired by the Foundation



Milestones of IdISSC Human Resources Strategy for Researchers (HRS4R)

In order to offer our staff the best possible working conditions, the IdISSC has committed itself to implementing the principles of the *European Charter for Researchers* and the *Code of Conduct for the Recruitment of Researchers*. In this sense, the European Commission awarded in 2018 the *HR Excellence in Research* (HRS4R) to the IdISSC, which implies the systematic evaluation of the associated processes and a long-term action plan.

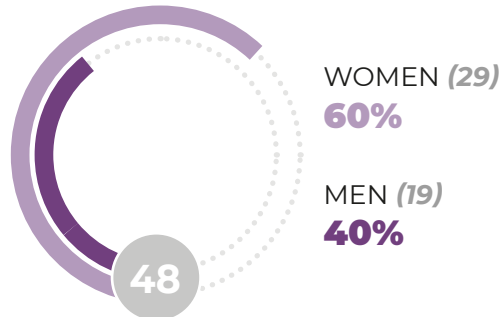
Following the HRS4R action plan, some of the main milestones achieved in 2021 were:

- First IdISSC Equality and Diversity Committee constituted
- First IdISSC Equality and Diversity Plan approved
- 27 IdISSC workers stabilized
- 6 initiatives to promote the professional development of the IdISSC staff
- 42 training courses organized which registered 395 attendees





Staff financed through competitive calls for proposals



1 MIGUEL SERVET CONTRACTS TYPE -II

INSTITUTO DE SALUD CARLOS III - MINISTERIO DE CIENCIA E INNOVACIÓN

	MSII17/00014	Luis Rodríguez Rodríguez
--	--------------	--------------------------

4 RÍO HORTEGA CONTRACTS

INSTITUTO DE SALUD CARLOS III

	CM20/00013	Ángela Carolina Espejo Paeres (PI: Javier Escaned Barbosa)
	CM20/00098	Kissy Guevara Hoyer (PI: Silvia Sánchez Ramón)
	CM20/00134	Niki Oikonomopoulou (PI: José Martínez Orgado)
	CM20/00246	Josue Avecillas Chasin Josue (PI: Juan Antonio Barcia Albacar)

1 PRE-DOCTORAL CONTRACT FOR THE TRAINING OF PhDs- FPI

MINISTERIO DE CIENCIA E INNOVACIÓN

	BES-2016-077297	Atocha Guedán Durán (PI: Fivos Panetsos Petrova)
--	-----------------	---

1 DOCTORAL CONTRACT IIS- – i-PFIS ENTERPRISE IN HEALTH SCIENCES AND TECHNOLOGIES

INSTITUTO DE SALUD CARLOS III - MINISTERIO DE CIENCIA E INNOVACIÓN

	IF118/00036	Estibaliz Gabicagogeascoa Corta (PI: Guillermo Velasco Díez)
--	-------------	---

5 CONTRACTS FOR THE INTENSIFICATION OF RESEARCH ACTIVITY IN THE SNS		
INSTITUTO DE SALUD CARLOS III - MINISTERIO DE CIENCIA E INNOVACIÓN		
	INT19/00040	Luis Nombela Franco
	INT19/00035	Benjamín Fernández Gutiérrez
	INT20/00047	José Antonio Martínez Orgado
	INT20/00079	Jordi Matias-Guiu Antem
	INT20/00075	Alberto Ocaña Fernandez

1 STABILISATION PROGRAMME CONTRACT I3		
CONSEJERÍA DE SANIDAD- COMUNIDAD DE MADRID		
	CESI307/004	Elena Urcelay García

6 STABILISATION PROGRAMME CONTRACTS I3SNS		
CONSEJERÍA DE SANIDAD- COMUNIDAD DE MADRID		
	CES06/001	Miguel de la Hoya Mantecón
	CES07/029	Dulcenombre Gomez Garre
	MSII13/00009	Roberto Álvarez Lafuente
	MSII14/00019	María Concepción Pardo De Vera
	MSII16/00009	Lydia Abásolo Alcázar
	MSII17/00014	Luis Rodríguez Rodríguez


7 CONTRACTS FOR PRE-DOCTORAL AND POST-DOCTORAL RESEARCHERS		
CONSEJERIA DE EDUCACIÓN E INVESTIGACIÓN – Comunidad de Madrid		
	PEJD-2018-PRE/BMD-9080	Víctor Lorca Castellanos (IP: Pedro Pérez Segura)
	PEJD-2019-PRE/BMD-15101	María Corzo Martínez (IP: Concepción Nuñez Pardo de Vera)
	PEJD-2019-PRE/BMD-16644	Elena María Tovar Amber (IP: Guillermo Velasco Díez)
	PEJD-2019-PRE/BMD-15396	Noelia Esteban Garcia (IP: Juan Antonio Barcia Albacar)
	PEJD-2019-PRE/SAL-16999	Ignacio Callejas Caballero (IP: José Tomás Ramos Amador)
	PEJD-2019-PRE/BMD-16263	Luis Carlos Fernández Beltran (IP: Corrochano Sánchez, Silvia)
	PEJD-2019-PRE/SAL-16662	Judith Abarca Zabalía (IP: Elena Urcelay García)



9 YOUTH EMPLOYMENT OPERATIONAL PROGRAMME CONTRACTS – YEI


Grants for the recruitment of research assistants and laboratory technicians co-financed by the European Social Fund through the Operational Programme for Youth Employment and the Youth Employment Initiative (YEI)

CONSEJERIA DE EDUCACIÓN E INVESTIGACIÓN – Comunidad de Madrid

 <p>Comunidad de Madrid</p>	PEJ-2018-TL/BMD-10392	Noelia Paredes Díaz (PI: Luis Ortega Medina)
	PEJ-2018-TL/BMD-11426	Lourdes Álvarez Callejo (PI: Jose Martínez Orgado)
	PEJ-2020-TL/BMD-18127	Patricia Quesada Manzano (PI: M ^a Cruz Rodríguez-Bobada González del Campo)
	PEJ-2020-TL/BMD-18361	Irene Jiménez Coca (PI: Juan Antonio Barcia Albacar)
	PEJ-2020-AI/BMD-18161	Sofía Álvarez Galeano (PI: Eduardo Luis Anguita Mandly)
	PEJ-2020-AI/BMD-18309	Sara Gómez Aguililla (PI: Concepción Nuñez Pardo De Vera)
	PEJ-2020-AI/BMD-18549	María Martínez Vega (PI: José Martínez Orgado)
	PEJ-2020-AI/BMD-18691	Ada Esteban Sánchez (PI: Miguel de la Hoya Mantecón)
	PEJ-2020-AI/BMD-18860	Cristina Díaz Tejeiro (PI: Alberto Ocaña Fernández)

3 CONTRACTS Promotion of youth employment and implementation of the Youth Guarantee in R&D&I in the State Sub-programme for Incorporation, of the State Programme for the Promotion of Talent and its Employability in R&D&I, within the framework of the State Plan for Scientific and Technical Research and Innovation 2017-2020.

MINISTERIO DE CIENCIA E INNOVACIÓN

	PEJ2018-003125-A	Adela Gonzalez Jimenez (PI: Elena Urcelay García)
	PEJ2018-004111-A	Tania Calvo Lopez (PI: Beatriz Pérez Villamil-Salgado)
	PEJ2018-001691-A	Alba Sáez López (PI: Antonio Portolés Pérez)

3 CONTRACTS Predoctoral Fellowships for Training in Health Research (PFIS)		
INSTITUTO DE SALUD CARLOS III		
	FI20/00145	María Valles Salgado (PI: Matias-Guiu Antem, Jordi)
	FI20/00186	Adrián Sanvicente García (PI: Alberto Ocaña Fernández)
	FI20/00246	Nabil Alberto Subhi-Issa Marin (PI: Silvia Sánchez Ramón)

3 UNIVERSITY TEACHER TRAINING PROGRAMME CONTRACT -FPU		
MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE		
	FPU16/00969	Silvia Pérez Pérez (PI: Roberto Álvarez Lafuente)
	FPU20/00132	María Celeste García-Frontini Nieto (PI: Roberto Álvarez Lafuente)
	FPU20/03387	Adela González Jiménez (PI: Elena Urcelay García)

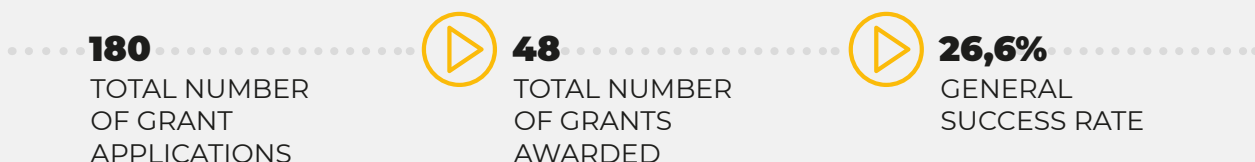
2 TALENT ATTRACTION CONTRACTS MODALITY I		
CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE – Comunidad de Madrid		
	2016-T1/BMD-1051	Petros Papadopoulos
	2020-5A/BMD-19731	Petros Papadopoulos
	2018-T1/BMD-10731	Juan Miguel Godoy Corchuelo (PI: Silvia Corrochano Sanchez)

1 CONTRACTS Research grants from FUNDACION ESPAÑOLA DE HEMATOLOGIA Y HEMOTERAPIA		
FUNDACION ESPAÑOLA DE HEMATOLOGIA Y HEMOTERAPIA		
	PRG.FEHH.20	Jorge Martínez Nieto (PI: Paloma Roperó Gradilla)

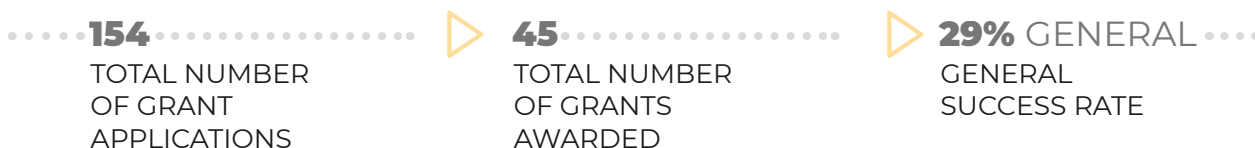


RESEARCH PROJECT

Competitive Research (Including funding from public and private agencies)



NATIONAL GRANT APPLICATIONS



TOTAL FUNDING ACHIEVED: 4.089.428,8 € (44 % OF THE SUCCESSFUL PROJECTS ARE LED BY WOMEN.)

INTERNATIONAL GRANT APPLICATIONS



TOTAL FUNDING ACHIEVED: 269.623,55 € (33 % OF THE SUCCESSFUL PROJECTS ARE LED BY WOMEN.)

Projects grants awarded in competitive calls 2021

INTERNATIONAL

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
National Institutes of Health (NIH)	NIH	BRCA1/2 and Hereditary Breast, Ovarian and Pancreatic (HBOP) Cancer Variant Curation Expert Panels	NIH PAR-20-101	MIGUEL DE LA HOYA	ONC.1
Innovative Medicines Initiative 2	Innovative Medicines Initiative 2- EHDEN project	European Health Data & Evidence Network	EUR.EHDEN	MARIA LUACES/JULIO MAYOL	UT-UI
INSTITUTO DE SALUD CARLOS III	ERA-Net HDHL-INTIMIC: STAMIFY Call Subvenciones de la Acción Estratégica en Salud 2021	Dietary Assessment & Further Development of Biomarkers for All	AC21_2/00036	CALLE PASCUAL, ALFONSO LUIS	OGS.9

NATIONAL

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
INSTITUTO DE SALUD CARLOS III	Adquisición de Equipamiento e Infraestructuras Científico-Técnicas	Terapia Celular en Oncología (TERCELO)	IFEQ21/00014	URCELAY GARCÍA, ELENA	IIIA.2
MINISTERIO DE CIENCIA E INNOVACIÓN	Ayudas para contratos Juan de la Cierva-formación 2021	Ayudas para contratos Juan de la Cierva-formación 2021	FJC2020-004385-C	VÁZQUEZ RODRIGUEZ, PATRICIA	
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	CIBER Enfermedades Infecciosas	CB21/13/00126	ESTRADA PÉREZ, VICENTE	IIIA.9
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Primary care interventions to prevent maternal and child chronic diseases of perinatal and developmental origin	RD21/0012/0026	MARTINEZ ORGADO, JOSE	NEC.22
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	red de enfermedades inflamatorias (coordinación)	RD21/0002/0001	RODRÍGUEZ RODRÍGUEZ, LUIS	IIIA.3
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Red de Enfermedades Inflamatorias (Unidad)	RD21/0002/0038	URCELAY GARCÍA, ELENA	IIIA.2
CONSEJERIA DE SANIDAD	Estrategias frente a enfermedades raras, enfermedades neurodegenerativas (Incluida ELA) Año 2021	Estudio de las alteraciones del metabolismo lipídico en Esclerosis Lateral Amiotrófica (ELA) y La Demencia Fronto-Temporal (DFT): trabajando en prevención.	AGS.MIS.21 Código fundanet	GUERRERO SOLA, ANTONIO	NEC.6
CONSEJERIA DE SANIDAD	Estrategias frente a enfermedades raras, enfermedades neurodegenerativas (Incluida ELA) Año 2021	Sintomatología cognitiva post-COVID: detección precoz de enfermedades neurodegenerativas.	JMA.MIS.21 Cód fundanet	MATÍAS-GUÍU ANTEM, JORDI	NEC.7
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Ayudas para la movilidad del personal investigador (Movilidad M-AES)	MV21/00083	GABICAGOGEASCOA CORTA, ESTÍBALIZ	ONC.5
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contrato Río Hortega: Gabriela Tirado	CM21/00091	NOMBELA FRANCO, LUIS	CV.10
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contrato Río Hortega: Natalia Freundt	CM21/00080	FERNÁNDEZ RIVAS, MARÍA MONTSERRAT	IIIA.1
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos de gestión en investigación en salud en los IIS	GIS21/00013	MERINO FERNÁNDEZ, MILAGROS	UTS
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos de personal técnico bioinformático de apoyo a la investigación en los IIS	CA21/00014	PAZ CABEZAS, MATEO	UTS



FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos Miguel Servet	CP21/00020	BASCUÑANA ALMARCHA, PABLO	NEC.9
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos Sara Borrell	CD21/00056	MATIAS-GUIU, JORDI	NEC.7
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos Sara Borrell	CD21/00071	CARRASCO, JOSÉ LUIS	NEC.7
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos PFIS	FI21/00105	David Fraguas	NEC.1
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos para la intensificación de la actividad investigadora del SNS	INT21/00049	OLMOS BLANCO, CARMEN	CV.7
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos para la intensificación de la actividad investigadora del SNS	INT21/00083	MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA	NEC.18
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Contratos para la intensificación de la actividad investigadora del SNS: David Fraguas Herráez	INT21/00048	FRAGUAS HERRAEZ, DAVID	NEC.1
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Eficacia y seguridad del Cromoglicato en como nuevo tratamiento sintomático en pacientes con Esclerosis Múltiple: ESTUDIO CAMINA	IC121/00022	OREJA GUEVARA, CELIA	IIIA.2
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Administración Intranasal de Biohíbridos de Hidrogeles con Células como Estrategia para Promover la Remielinización en Modelos Experimentales de Esclerosis Múltiple. Enfoque Preclínico	PI21/00242	GÓMEZ PINEDO, ULISES ALFONSO	NEC.7
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Comunicación huésped-microbiota intestinal a través de vesículas extracelulares en el desarrollo y progresión de la insuficiencia cardiaca. Búsqueda de nuevos biomarcadores.	PI21/00838	GÓMEZ GARRE, DULCENOMBRE	CV.11

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Diagnóstico y manejo clínico de la disfunción microcirculatoria en pacientes con síndrome COVID crónico con dolor torácico de nueva aparición.	PI21/01481	ESCANED BARBOSA, JAVIER	CV.1
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Enfoque multifactorial frente al diagnóstico del amplio espectro de la enfermedad celíaca	PI21/00271	NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN	IIIA.2
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Evaluación de aproximaciones terapéuticas para artrosis de rodilla mediante modelos in vitro 'tissue in a chip' e in vivo.	PI21/00781	FERNÁNDEZ GUTIÉRREZ, BENJAMÍN	IIIA.3
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Hacia el Desarrollo de terapias individualizadas en gliomas basadas en el bloqueo del eje MDK/ALK y la utilización de cannabinoides	PI21/00343	VELASCO DÍEZ, GUILLERMO	ONC.5
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	PET para el estudio de la mielina en la esclerosis múltiple	PI21/01614	CABRERA MARTIN, MARIA NIEVES	NEC.7
INSTITUTO DE SALUD CARLOS III	Subvenciones de la Acción Estratégica en Salud 2021	Regeneración del Cartílago articular mediante terapia celular basada en hidrogeles termosensibles	PI21/00858	LOPIZ MORALES, YAIZA	IIIA.3
FUNDACION MUTUA MADRILEÑA	XVIII convocatoria de ayudas a la investigación en salud 2021	Eficacia de la vacunación frente a SARS-COV-2 en una cohorte de trasplantados renales	AP177642021	SÁNCHEZ FRUCTUOSO, ANA ISABEL	IIIA.8
FUNDACION ALICIA KOPLOWITZ	Ayudas a la investigación en psiquiatría, psicología y/o neurociencias infanto-juvenil y en neuropediatría	Eficacia de un programa de intervención para reducir la conducta suicida en adolescentes con trastornos psiquiátricos: Un estudio controlado aleatorizado (SAM-PSYC).	MDM.F01FAK21	DÍAZ MARSÁ, MARINA FRANCISCA	NEC.2
Asociación de Celíacos y sensibles al gluten	XVIII Premio de Investigación sobre Patologías por Sensibilidad al Gluten/ Trigo.	Caracterización de la enfermedad celíaca no HLA-DQ2.5	CNP.FACE.21	NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN	IIIA.2



FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
Ministerio de universidades	Universidad Complutense de Madrid	Contrato Margarita Salas		SÁNCHEZ FRUCTUOSO, ANA ISABEL	IIIA.8
Ministerio de universidades	UNED	Contrato Margarita Salas		BARCIA ALBACAR, JUAN ANTONIO	NEC.5
Red Española de Esclerosis Múltiple	Convocatoria Colaboración entre EEM y REEM 2021	Convenio para la realización del proyecto "Lactic acid and metabolites from gut microbiota in primary progressive multiple sclerosis patients"	RAL.C02EME	ÁLVAREZ LAFUENTE, ROBERTO	NEC.7

REGIONAL

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	PEJ-2021-AI/BMD-21347	SOTO BEAUREGARD, CARMEN	NEC.22
CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	PEJ-2021-AI/BMD-21347	GUINEA TORTUERO, GUSTAVO VÍCTOR	NEC.23
CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	PEJ-2021-AI/BMD-21347	MATÍAS-GUIU GUIA, JORGE	NEC.7
CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	PEJ-2021-AI/BMD-21347	MARTINEZ ORGADO, JOSE	NEC.22
CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021	PEJ-2021-AI/BMD-21347	GARRE RUBIO, PILAR	ONC.1
FUNDACION MADRIMASD PARA EL CONOCIMIENTO	Proyecto Healthstart Plus (Fondos REACT-EU)	Desarrollo de un oxímetro de pulso portátil con salida bluetooth	G63-HEALTHSTARPLUS	MARTÍN ESCUDERO, PILAR	OGS.19
FUNDACION MADRIMASD PARA EL CONOCIMIENTO	Proyecto Healthstart Plus (Fondos REACT-EU)	Estudio de la modulación con tDCS para fatiga originada en infección por COVID	G63-HEALTHSTARPLUS	MATÍAS-GUIU ANTEM, JORDI	NEC.7

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
FUNDACION MADRIMASD PARA EL CONOCIMIENTO	Proyecto Healthstart Plus (Fondos REACT-EU)	Desarrollo del proyecto "Estudio de fiabilidad de la técnica SCOVAM para la detección de AC frente a SARS-CoV-2 en el ámbito hospitalario (SCOVAM)".	ADI.M01FCM	Alberto Delgado-	IIIA.7
SOCIEDAD DE REUMATOLOGÍA DE LA COMUNIDAD DE MADRID SORCOM	Convocatoria becas SORCOM 2020	Desarrollo de un sistema de autoevaluación de actividad inflamatoria en polo posterior ocular para pacientes con uveítis no infecciosa.	LRR.SORCOM.20	RODRÍGUEZ RODRÍGUEZ, LUIS	IIIA.3
SOCIEDAD MADRILEÑA DE TRASPLANTES	Ayudas a la Investigación de la SMT	Impacto de los Inhibidores del Cotransportador Sodio-Glucosa 2 en la función mitocondrial en receptores de trasplante renal con Diabetes Mellitus tipo 2	IPF.SMT.21	PÉREZ FLORES, ISABEL	IIIA.8
Comunidad de Madrid	Expresiones de interés para la realización de proyectos de i+d en materia de respuesta a COVID-19 financiados por el FEDER. Recursos REACTUE	Convenio de colaboración para la ejecución del proyecto INMUNOVACTER (beneficiaria de la ayuda UAM-Fondos REACT-EU)	EUG.M01CAM	URCELAY GARCÍA, ELENA	UTS



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SCIENTIFIC REPORT

NETWORKS AND ALLIANCES

THEMATIC NETWORK FOR COOPERATIVE HEALTH RESEARCH (RETICS) - ISCIII

	RED DE INVESTIGACIÓN EN INFLAMACIÓN Y ENFERMEDADES REUMÁTICAS	RD16/0012/0004 FERNÁNDEZ GUTIÉRREZ, BENJAMÍN GROUP: IIIA.3
	RED ESPAÑOLA DE ESCLEROSIS MÚLTIPLE	RD16/0015/0013 ELENA URCELAY GARCÍA GROUP: IIIA.2
	RED DE ASMA, REACCIONES ADVERSAS Y ALÉRGICAS (ARADYAL)	RD16/0006/0009 MONTERRAT FERNÁNDEZ RIVAS GROUP: IIIA.1 RD16/0006/0003 DIAZ-PERALES, ARACELI GROUP: IIIA.13
	RED DE ENFERMEDADES OCULARES	RD16/0008/0004 JULIÁN GARCÍA FEIJÓO GROUP: NEC.18
		RD16/0008/0009 ROCÍO HERRERO VANREL GROUP: NEC.21

NETWORKED BIOMEDICAL RESEARCH CENTRES (CIBER)- ISCIII

	SALUD MENTAL	CB/07/09/0026 TOMÁS PALOMO ÁLVAREZ GROUP: NEC.1.
	ENFERMEDADES CARDIOVASCULARES	CB16/11/00458 PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN MARTELL CLAROS, NIEVES/ GÓMEZ GARRE, DULCENOMBRE GROUP: CV.4/ CV.11
	DIABETES Y ENFERMEDADES METABÓLICAS ASOCIADAS	CB07/08/0001 MANUEL ROMÁN BENITO DE LAS HERAS GROUP: OGS.6: CB07/08/0030 CALLE PASCUAL, ALFONSO LUIS GRUPO: OGS.9
	ENFERMEDADES INFECCIOSAS	CB21/13/00126 ESTRADA PEREZ, VICENTE GRUPO: IIIA.9
	BIOINGENIERÍA, BIOMATERIALES Y NANOMEDICINA (CIBER-BBN)	CB06/01/1037 PORTOLÉS PÉREZ, TERESA GRUPO: IIIA.11 ciber-bbn

OTHER THEMATIC NETWORKS

	<p>RED ESPAÑOLA DE ENSAYOS CLÍNICOS PEDIÁTRICOS (RECLIP)</p>	<p>CONV16/155 JOSÉ TOMÁS RAMOS GROUP: IIIA.10</p>
	<p>CARDIORED1</p>	<p>GROUPS: CV.1: ESCANED BARBOSA, JAVIER CV.2: PÉREZ DE ISLA, LEOPOLDO CV.4: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN CV.6: LÓPEZ FARRÉ, ANTONIO CV.7: VILACOSTA, ISIDRE CV.8: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO</p>
	<p>INVESTIGACIÓN TRASLACIONAL DE ARRITMIAS CARDÍACAS SECUNDAARIAS A CANALOPATÍAS</p>	<p>VILACOSTA, ISIDRE GROUP: CV.7</p>
	<p>Identifying Biomarkers Through Translational Research for Prevention and Stratification of Colorectal Cancer</p>	<p>CA17118 BEATRIZ PÉREZ-VILLAMIL SALGADO GROUP: ONC.1</p>
	<p>European Network of Multidisciplinary Research and Translation of Autophagy knowledge (TRANSAUTOPHAGY)</p>	<p>CA15138 GUILLERMO VELASCO DÍEZ GROUP: ONC.5</p>
	<p>Pan-European Network in Lipidomics and EpiLipidomics</p>	<p>CA19105 SILVIA CORROCHANO SANCHEZ GROUP: NEC.6</p>
	<p>European Clinical Research Infrastructure Network</p>	<p>IdISSC: Scientific Partner Emilio Vargas Cartrillón Antonio Portolés Pérez GROUP: OGS.12</p>
	<p>European Institute of Innovation and Technology (EIT) health</p>	<p>SERMAS ASSOCIATED MEMBER</p>



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	<p>RED DE ENTIDADES GESTORAS DE INVESTIGACIÓN CLÍNICA</p>	<p>IdISSC ASSOCIATED MEMBER</p>
	<p>CONFEDERACIÓN DE SOCIEDADES CIENTÍFICAS DE ESPAÑA</p>	<p>IdISSC MIEMBRO ASOCIADO https://cosce.org/</p>
	<p>BIOMAD: BIOREGIÓN DE SALUD Y BIENESTAR</p>	<p>FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA HCSC MIEMBRO ASOCIADO</p>
	<p>RED DE LABORATORIOS E INFRAESTRUCTURAS</p>	<p>Nº Registro: 325 - Laboratorio de Genómica y Microarrays Beatriz Pérez-Villamil Salgado GRUPO: ONC.1 Nº Registro: 424 - Laboratorio de Microbiota Dulcenombre Gómez Garre GRUPO: CV.11</p>
	<p>European Infrastructure for translational medicine</p>	<p>IdISSC MIEMBRO ASOCIADO</p>
	<p>CIMBA – CONSORCIO DE INVESTIGADORES DE MODIFICADORES DE BRCA1/2</p>	<p>DE LA HOYA MANTECÓN, MIGUEL GRUPO: ONC.1</p>
	<p>BCAC – CONSORCIO DE LA ASOCIACIÓN DE CÁNCER DE MAMA</p>	<p>DE LA HOYA MANTECÓN, MIGUEL GRUPO: ONC.1</p>
	<p>RED BASADA EN EVIDENCIA PARA LA INTERPRETACIÓN DE ALELOS MUTANTES DE LA LÍNEA GERMINAL</p>	<p>DE LA HOYA MANTECÓN, MIGUEL GRUPO: ONC.1 https://enigmaconsortium.org/</p>
	<p>INVICTUS RED DE ENFERMEDADES VASCULARES CEREBRALES</p>	<p>RD12/0014/0003 TORRES MOLINA, MAGDALENA GRUPO: NEC.20</p>

PLATFORMS SUPPORTING RESEARCH IN HEALTH SCIENCES AND TECHNOLOGIES - ISCIII

	<p>PLATAFORMA DE BIOBANCOS</p>	<p>PT20/00074 PT17/0015/0040 ORTEGA MEDINA, LUIS Cumulative Staff recruited: 4 7.913 samples registered 2.021 samples provided</p>
	<p>PLATAFORMA DE INNOVACIÓN EN TECNOLOGÍAS MÉDICAS Y SANITARIAS</p>	<p>PT17/0005/0009 MAYOL MARTÍNEZ, JULIO ÁNGEL Group: OGS.13 Cumulative Staff recruited: 1</p>
	<p>PLATAFORMA DE UNIDADES DE INVESTIGACIÓN Y ENSAYOS CLÍNICOS (National Coordinator)</p>	<p>PT17/0017/0001 VARGAS CASTRILLÓN, EMILIO Group: OGS.12 Cumulative Staff recruited: 13 Coordination handover activities and Project closure support</p>
	<p>PLATAFORMA DE UNIDADES DE INVESTIGACIÓN Y ENSAYOS CLÍNICOS (Clinical Research and Clinical Trials Unit)</p>	<p>PT17/0017/0018 PT20/00017 PORTOLÉS PÉREZ, ANTONIO Group: OGS.12 Cumulative Staff recruited: 4 28 projects managed 80 monitored recruiting centres Participation in 6 international projects</p>



FUNDING SOURCES

Income

	Income	Overheads	Total Income
Grants	3.444.163,31	579.367,51	4.023.530,82
Donations	508.504,42	84.581,86	593.086,28
Partnership and sponsorship agreements	603.824,26	74.610,16	678.434,42
Scientific research (clinical trials, collaborations...)	7.479.794,26	2.500.285,04	9.980.079,30
Financial Income	0,00		0,00
Benefits in financial instruments	202.308,85		202.308,85
Extraordinary income	4.441,02		4.441,02
	12.243.036,12	3.238.844,57	15.481.880,69

Expenses

GASTOS/ INVERSIONES	Publicly funded research projects	Privately funded research projects	Clinical research projects	Activity specific to the Strategic Plan	Total Activities	Not allocated to activities	TOTAL
	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
Personnel costs	2.089.493,92	1.029.814,77	2.773.926,75	481.274,71	6.374.510,15	0,00	6.374.510,15
Procurement	563.889,21	203.795,09	147.358,73	17.715,32	932.758,35	0,00	932.758,35
Other activity costs	1.717.293,96	542.274,56	4.398.487,13	169.351,07	6.827.406,72	74.693,44	6.902.100,16
Monetary, non-monetary, other aids	250.065,92	53.558,63	231.129,14	2.779,44	537.533,13	0,00	537.533,13
Depreciation of fixed assets	57.093,23	97.844,42	129.250,01	23.357,93	307.545,59	0,00	307.545,59
Valuation of Financial Instruments	11.191,00	4.158,77	28.931,15	0,00	44.280,92	0,00	44.280,92
Extraordinary expenses	7.709,75	9.140,73	22.657,20	0,00	39.507,68	0,00	39.507,68
Total costs (€)	4.696.736,99	1.940.586,97	7.731.740,11	694.478,47	15.063.542,54	74.693,44	15.138.235,98

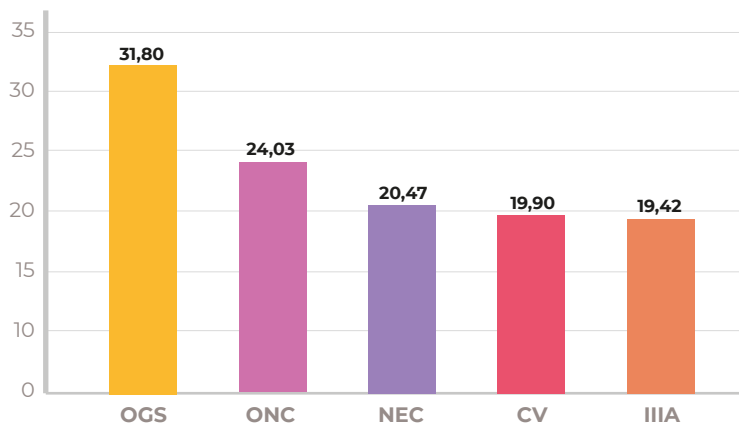
SCIENTIFIC PRODUCTION

IdISSC researchers published a total of 1,236 documents in the WoS (Core Collection) in 2021, of which 879 are citable documents, i.e. articles and reviews. The production values by scientific areas and their contribution to the Institute as a whole are shown below.

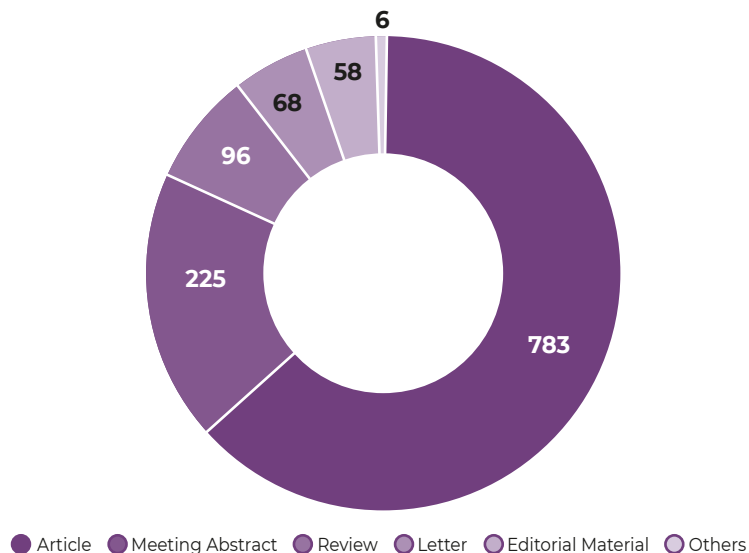
WoS scientific production by IdISSC area

AREA	Nº OF PAPERS (WoS)	Nº OF CITABLE ITEMS
OGS	393	303
CV	297	208
NEC	253	187
ONC	246	160
IIIA	240	172

Contribution by scientific area to IdISSC production in the WoS



IdISSC: Scientific Production by document type

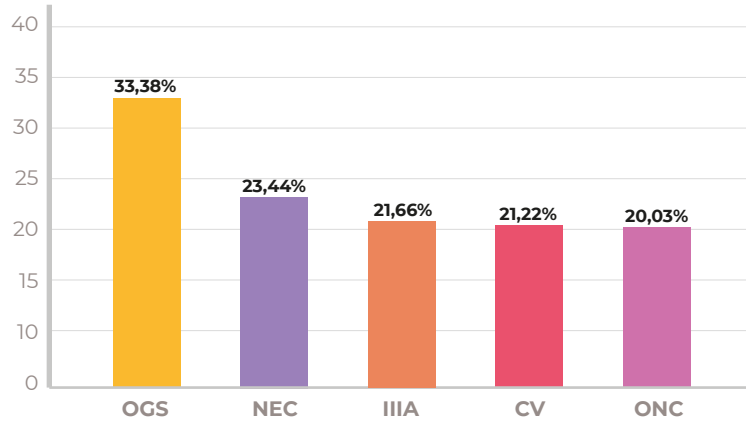




Open access

IdISSC publishes 54,53% (674 documents) in open access journals.

Contribution by scientific area to the OA scientific production of the IdISSC

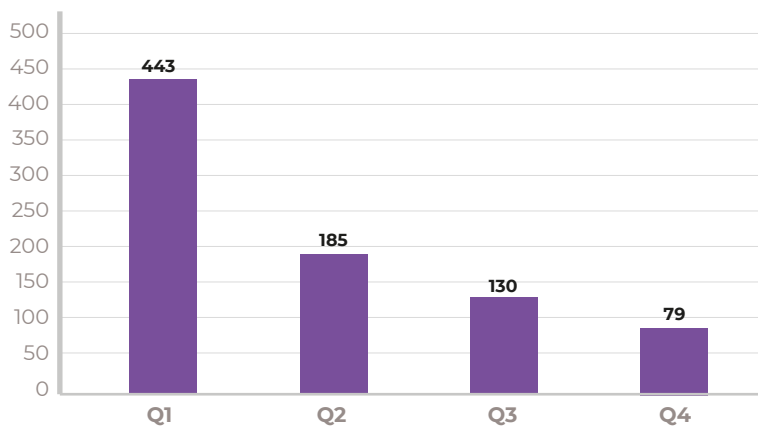


Impact and Visibility

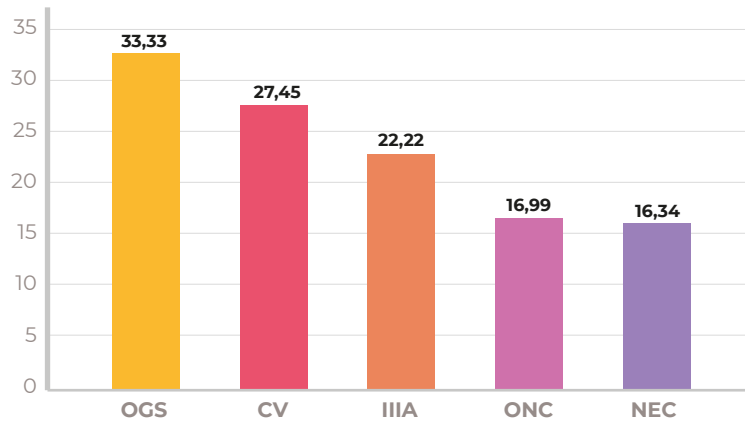
Of the total scientific production in 2021, 95.55% (1,181 documents) are included in the JCR and, of these, 879 (67.95%) are citable documents. The 50.4% (443) of the citable items are in Q1 journals and the 17.41% (153) of the citable items are in D1 journals.

Σ **5.059,83** Total impact factor
 \bar{X} **6,067** Average impact factor

IdISSC scientific production by quartile



Contribution by scientific area to IdISSC production in the first decile



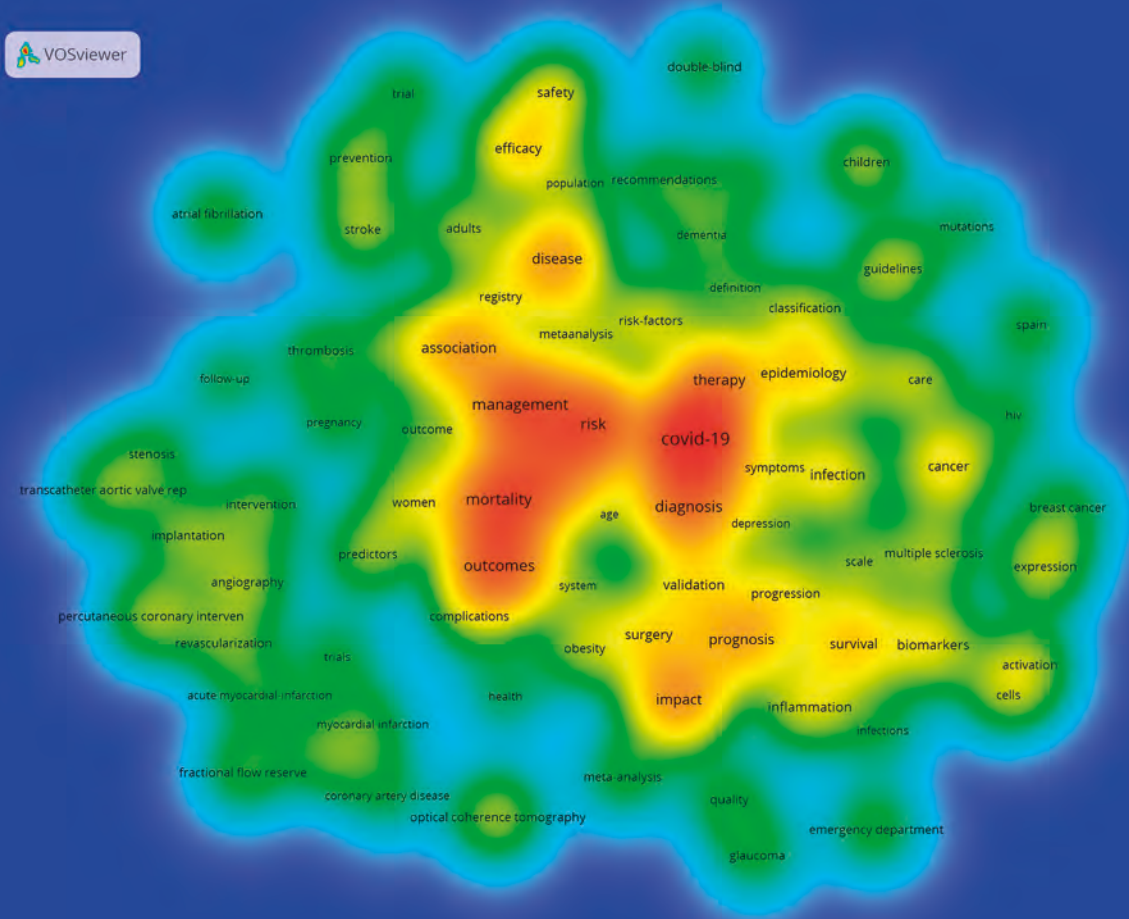
Top 10: Journals with the highest publication rate

IdISSC researchers published in a total of 515 different journals in 2021. The following table shows the 10 journals with the highest number of publications, which represent 18.36% (227 documents) of the total scientific production in the WoS for this year. 70% of the journals are included in the first quartile of the JCR 2021 and four of them are in the Top 10 positions in the WoS category.

Journal	N° of Papers (WoS)	Times Cited	Average per Item	Quartil 2021	WoS Category	Article Influence Score 2021	Journal Citation Indicator 2021	IF (without self citations) 2021
EUROPEAN HEART JOURNAL	39	106	2,72	Q1 (3/143)	CARDIAC & CARDIOVASCULAR SYSTEMS	11.139	6.77	33.873
JOURNAL OF CLINICAL MEDICINE	37	97	2,62	Q2 (54/172)	MEDICINE, GENERAL & INTERNAL	1.083	1.01	4.722
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY	25	123	4,92	Q1 (5/143)	CARDIAC & CARDIOVASCULAR SYSTEMS	10.299	4.71	26.184
ANNALS OF ONCOLOGY	24	25	1,04	Q1 (5/245)	ONCOLOGY	9.249	4.72	51.039
MULTIPLE SCLEROSIS JOURNAL	22	1	0,05	Q1 (40/212)	CLINICAL NEUROLOGY	1.569	1.31	5.462
SCIENTIFIC REPORTS	19	26	1,37	Q2 (19/73)	MULTIDISCIPLINARY SCIENCES	1.207	1.05	4.784
CANCERS	17	33	1,94	Q1 (60/245)	ONCOLOGY	1.171	1.02	5.773
REVISTA ESPANOLA DE QUIMIOTERAPIA	16	39	2,44	Q4(116/136)	MICROBIOLOGY	0.349	0.38	2.346
REVISTA ESPANOLA DE CARDIOLOGIA	15	44	2,93	Q1 (33/143)	CARDIAC & CARDIOVASCULAR SYSTEMS	1.248	1.82	5.963
ALLERGY	13	73	5,62	Q1 (1/27)	ALLERGY	2.542	2.16	12.672
Total	227	567	2,50					



Keywords (> 10 frequency)



IdISSC Scientific Production (2017-2021)

5.453 N° of papers WoS

2891,06 Average per year (Total papers WoS)

3.693 N° citable items

5,82 % Self-citations (Total papers WoS)

46 % of papers OA

86 h index

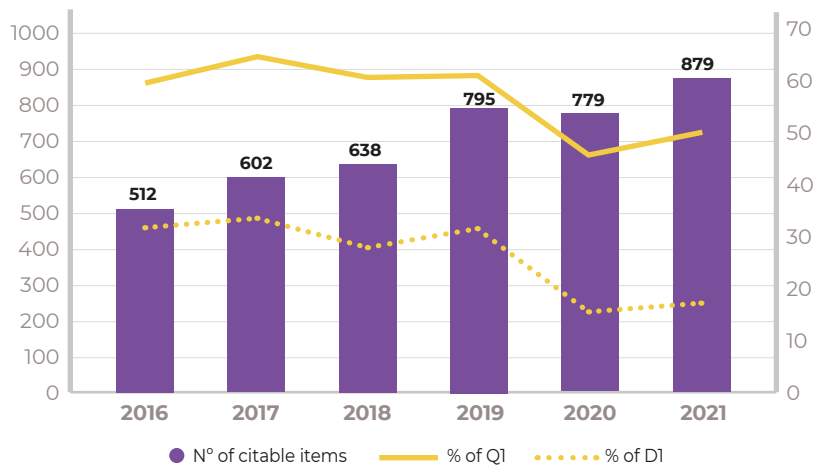
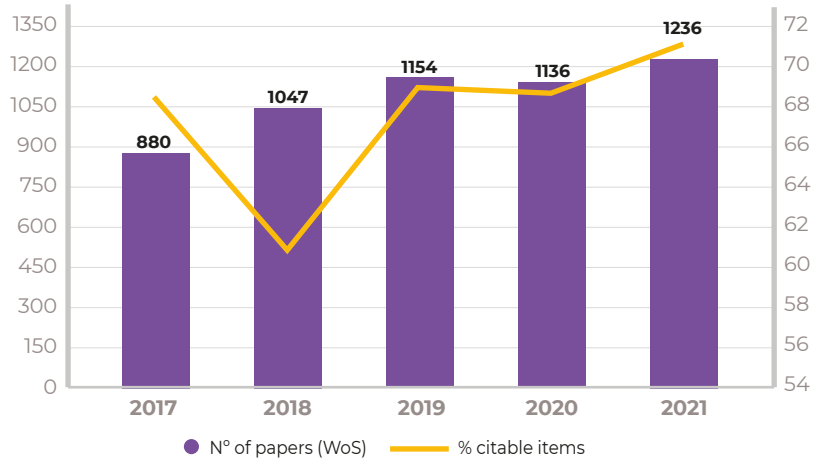
52.039 Times Cited

57,01% % Q1 (Total citable items)

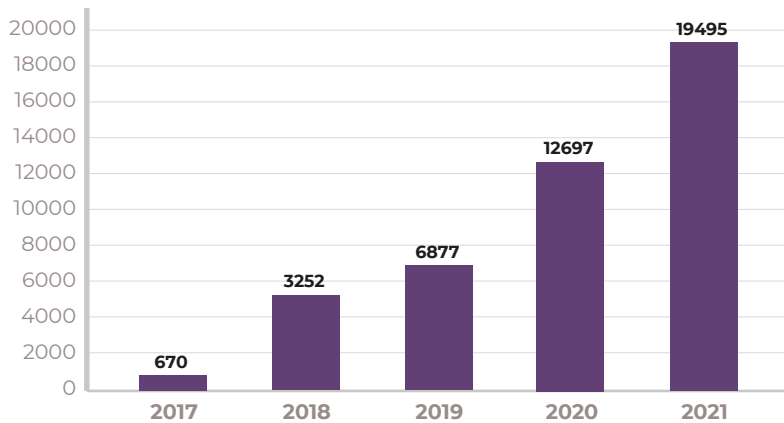
42.641 Citing Articles

25,61 % D1 (Total citable items)

9,54 Average per item (total papers WoS)



Times cited by year



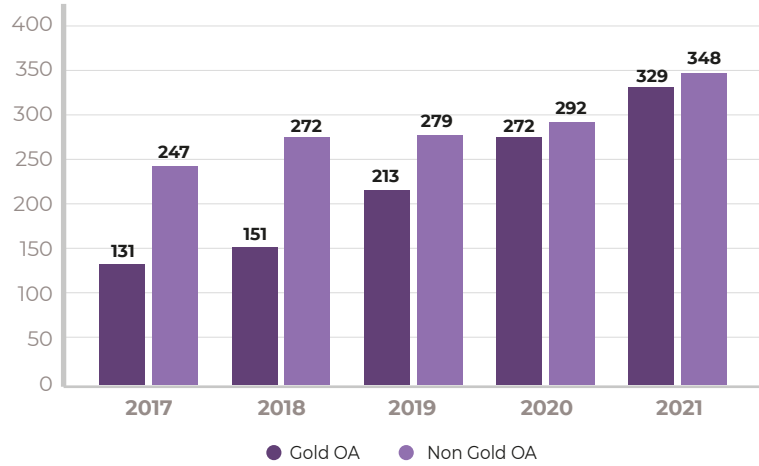
*WoS download 13.07.2022



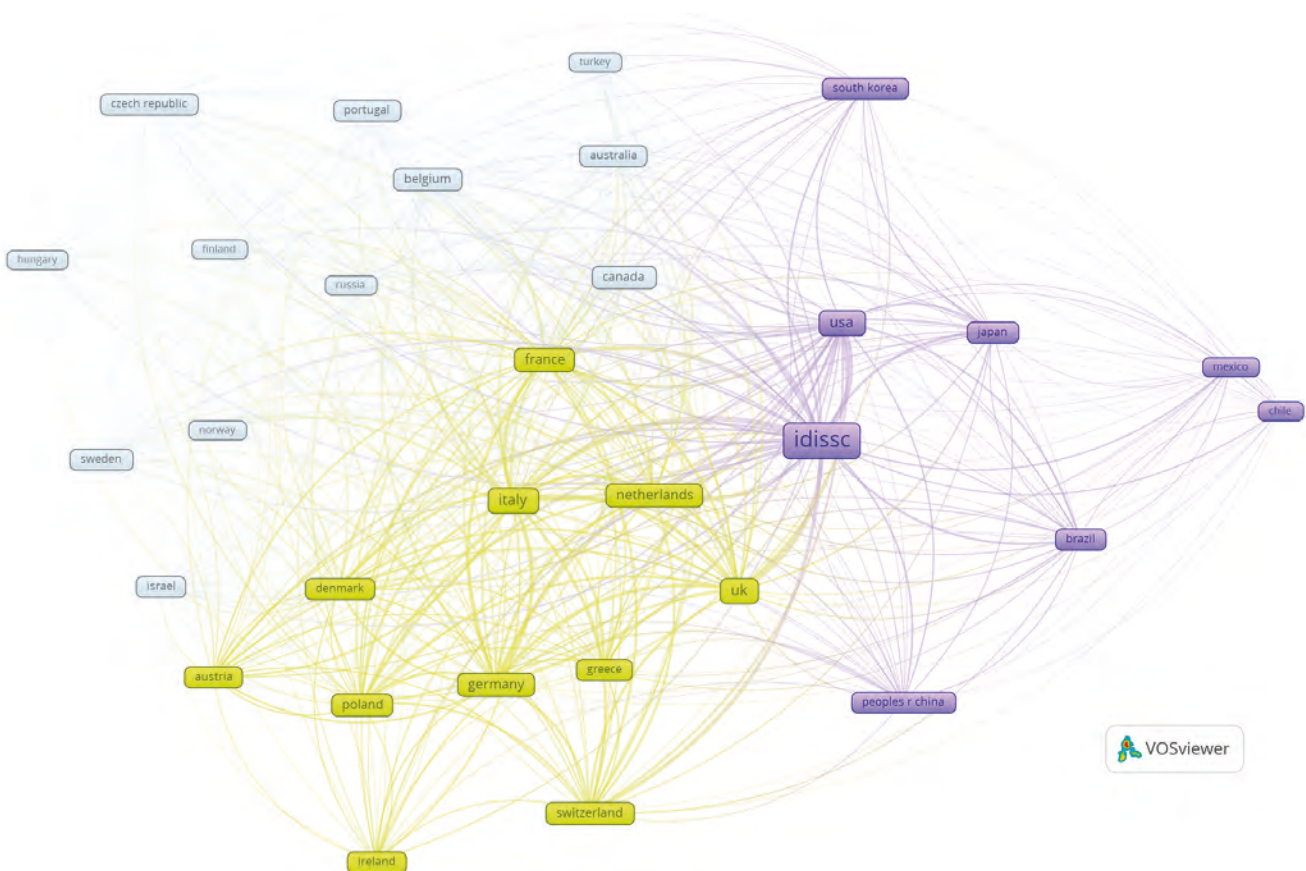
Top 10: Most cited papers

Title	Journal	Times Cited	Year	Quartil	WoS Category	Article Influence Score	IF	OA Type
Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study	LANCET	918	2020	Q1 (2/167)	MEDICINE, GENERAL & INTERNAL	29.073	79.323	Non Gold OA
Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI	NEW ENGLAND JOURNAL OF MEDICINE	485	2017	Q1(1/155)	MEDICINE, GENERAL & INTERNAL	31.294	79.260	Non Gold OA
Ticagrelor with or without Aspirin in High-Risk Patients after PCI	NEW ENGLAND JOURNAL OF MEDICINE	416	2019	Q1 (1/312)	MEDICINE, GENERAL & INTERNAL	29.439	74.699	Non Gold OA
Randomized, Double-Blind, Phase III Trial of Ipilimumab Versus Placebo in Asymptomatic or Minimally Symptomatic Patients With Metastatic Chemotherapy-Naive Castration-Resistant Prostate Cancer	JOURNAL OF CLINICAL ONCOLOGY	401	2017	Q1(4/223)	ONCOLOGY	7.746	26.360	No OA
Risk of HIV transmission through condomless sex in serodifferent gay couples with the HIV-positive partner taking suppressive antiretroviral therapy (PARTNER): final results of a multicentre, prospective, observational study	LANCET	361	2019	Q1 (2/165)	MEDICINE, GENERAL & INTERNAL	23.329	60.390	Non Gold OA
Immediate and long-term impact of the COVID-19 pandemic on delivery of surgical services	BRITISH JOURNAL OF SURGERY	357	2020	Q1 (11/211)	SURGERY	2.265	6.939	Non Gold OA
Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes	AMERICAN JOURNAL OF HUMAN GENETICS	319	2019	Q1(10/178)	GENETICS & HEREDITY	5.431	10.502	Non Gold OA
EAACI Guidelines on Allergen Immunotherapy: Allergic rhinoconjunctivitis	ALLERGY	279	2018	Q1 (4/27)	ALLERGY	1.884	6.771	Non Gold OA
Use of renin-angiotensin-aldosterone system inhibitors and risk of COVID-19 requiring admission to hospital: a case-population study	LANCET	254	2020	Q1 (2/167)	MEDICINE, GENERAL & INTERNAL	29.073	79.323	Non Gold OA
EAACI Guidelines on allergen immunotherapy: IgE-mediated food allergy	ALLERGY	239	2018	Q1 (4/27)	ALLERGY	1.884	6.771	Non Gold OA

Open access

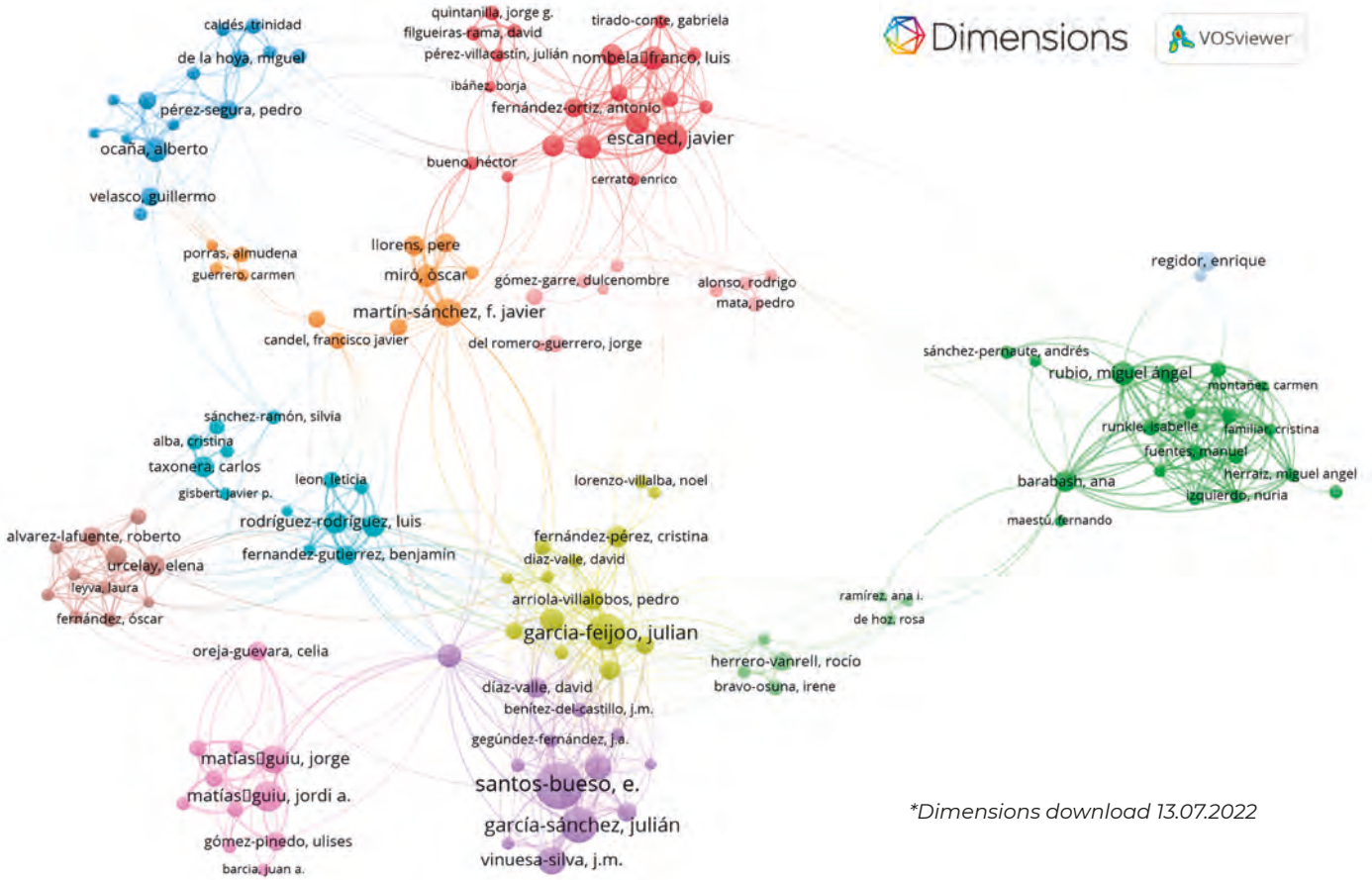


Scientific Collaboration by country (> 50 papers)



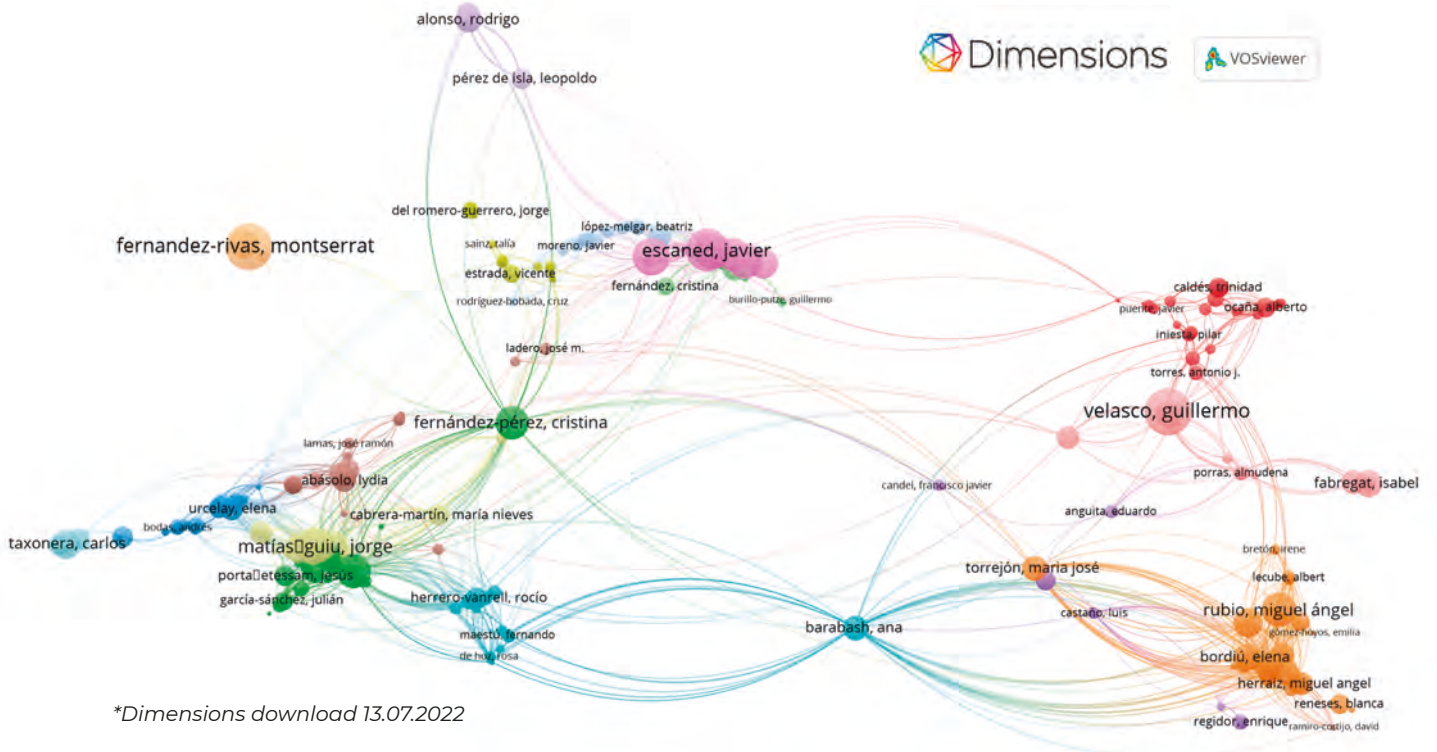


Scientific collaboration by autor (> 10 papers). Source: Dimensions*



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Most Cited authors. Source: Dimensions*

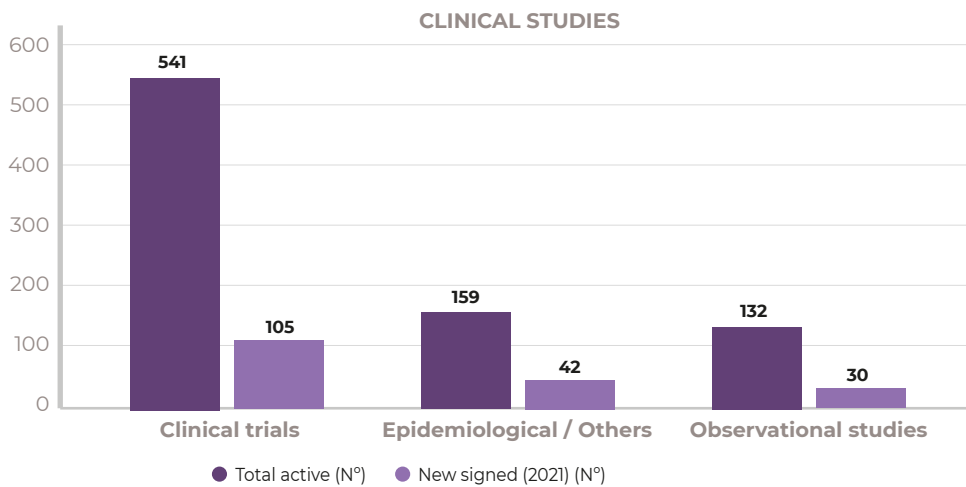
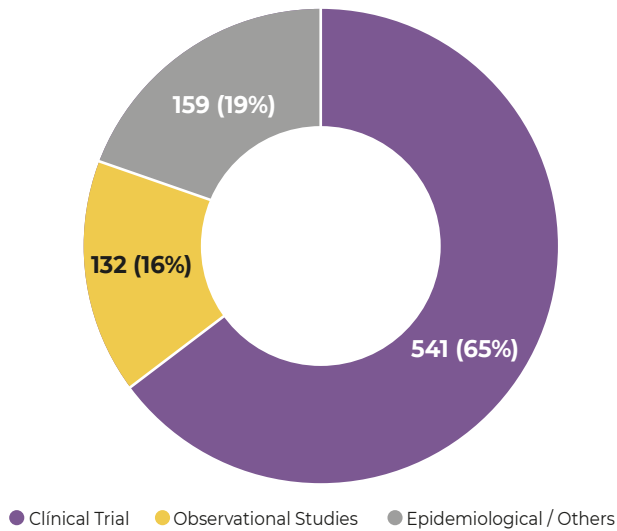


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CLINICAL STUDIES

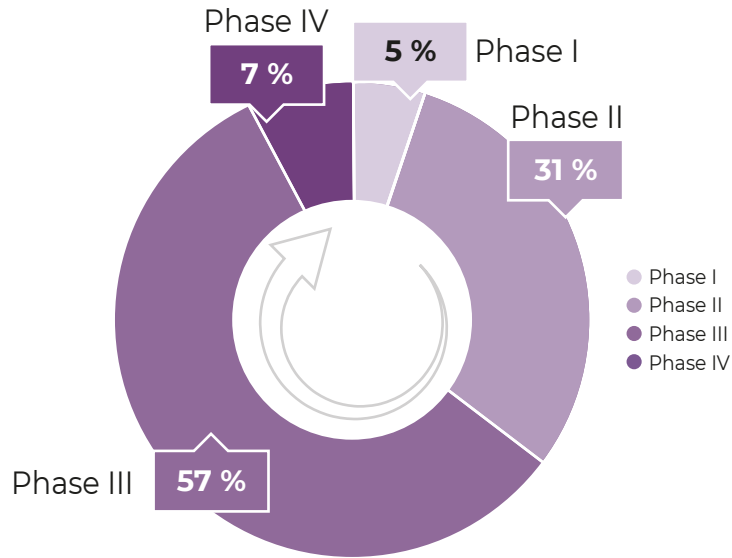


Type of studies

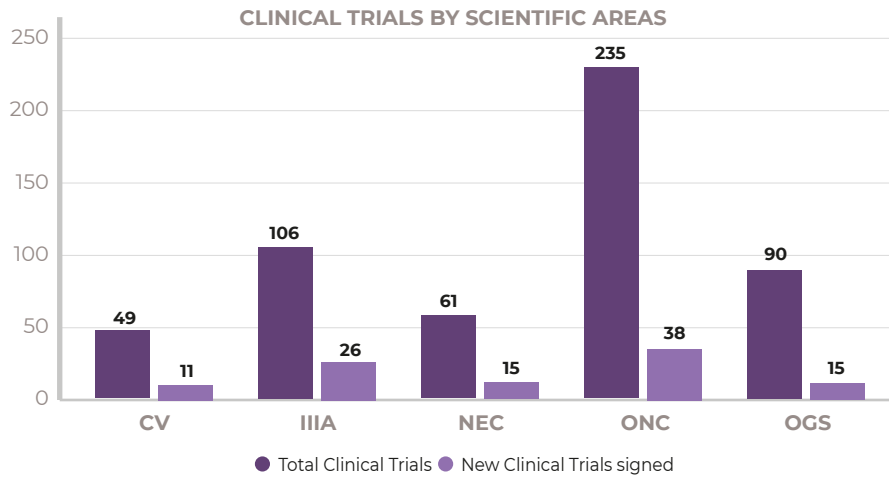




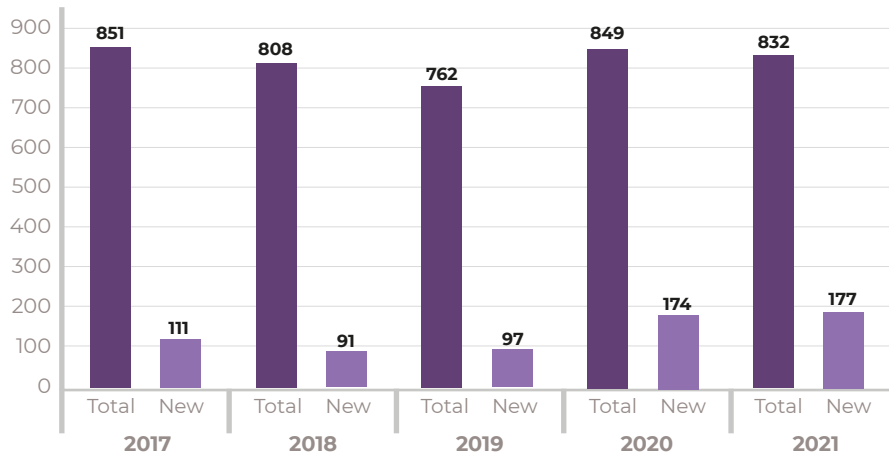
Clinical Trials: Type of phase



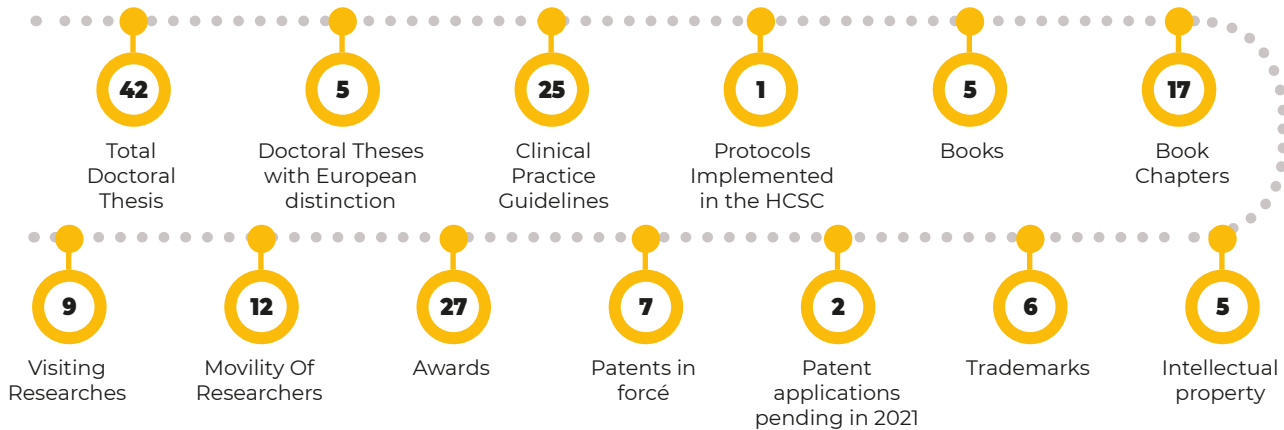
Clinical Trials: Studies by area



Evolution of clinical estudies



TRANSFER AND OTHER RESEARCH INDICATORS



Clinical Practice Guidelines

TITLE	GROUP
Ortiz, Ana Maria, Silva Fernandez, Lucia, Villaverde, Virginia, Abad, Miguel Angel, Maneiro, Jose Ramon, CANDELAS RODRÍGUEZ, GLORIA, Gomez, Susana, Valderrama, Monica, Montoro, Maria. Gaps between research and recommendations in rheumatoid arthritis. RHEUMATOLOGY INTERNATIONAL. 2021. 41 (1): 57:66. DOI:10.1007/s00296-020-04724-z.	IIIA.3
BLANCO HONTIYUELO, MARGARITA, Suarez-Sanchez, Pablo, Garcia, Belen, Nzang, Jesus, Ncogo, Policarpo, Riloha, Matilde, Berzosa, Pedro, Benito, Agustin, Romay-Barja, Maria. Knowledge and practices regarding malaria and the National Treatment Guidelines among public health workers in Equatorial Guinea. MALARIA JOURNAL. 2021. 20 (1). DOI:10.1186/s12936-020-03528-7.	IIIA.3
Sanchez-Niubo, Albert, Forero, Carlos G., Wu, Yu-Tzu, Gine-Vazquez, Iago, Prina, Matthew, De la Fuente, Javier, Daskalopoulou, Christina, Critselis, Elena ,NEC.2, ALEJANDRO, Panagiotakos, Demosthenes, Arndt, Holger, Luis Ayuso-Mateos. Development of a common scale for measuring healthy ageing across the world: results from the ATHLOS consortium. INTERNATIONAL JOURNAL OF EPIDEMIOLOGY. 2021. 50 (3): 880:892. DOI:10.1093/ije/dyaa236.	NEC.2
Sanchez-Niubo, Albert, Forero, Carlos G., Wu, Yu-Tzu, Gine-Vazquez, Iago, Prina, Matthew, De la Fuente, Javier, Daskalopoulou, Christina, Critselis, Elena, DE LA TORRE LUQUE, ALEJANDRO, Panagiotakos, Demosthenes, Arndt, Holger, Luis Ayuso-Mateos. Development of a common scale for measuring healthy ageing across the world: results from the ATHLOS consortium. INTERNATIONAL JOURNAL OF EPIDEMIOLOGY. 2021. 50 (3): 880:892. DOI:10.1093/ije/dyaa236.	NEC.2
GUTIERREZ VIEDMA, ALVARO, Sanz-Graciani, Isabel, Romeral-Jimenez, Maria, PAREJO CARBONELL, BEATRIZ, SERRANO GARCÍA, IRENE, CUADRADO PÉREZ, Mª LUZ, ALEDO SERRANO, ANGEL, GIL NAGEL, ANTONIO, Toledano, Rafael, Perez-De-Heredia-Torres, Marta, Santamarina, Estevo, GARCÍA MORALES, IRENE. Epidaily, a scale for comprehensive functional assessment of patients with epilepsy. EPILEPSY & BEHAVIOR. 2021. 114 (): . DOI:10.1016/j.yebeh.2020.107570.	NEC.6 - OGS.19
GEGÚNDEZ FERNÁNDEZ, JOSÉ ANTONIO, Llovet-Osuna, Fernando, FERNÁNDEZ-VIGO ESCRIBANO, JOSÉ IGNACIO, Mendicute del Barrio, Javier, Pablo-Julvez, Luis, Munoz-Negrete, Francisco J., Zarranz-Ventura, Javier, Duran de la Colina, Juan, de Rojas Silva, Victo. Recommendations for ophthalmologic practice during the easing of COVID-19 control measures. ACTA OPHTHALMOLOGICA. 2021. 99 (7): 973:983. DOI:10.1111/aos.14752.	NEC.18
Luque, R., Benavides, M., del Barco, S., Egana, L., Garcia-Gomez, J., Martinez-Garcia, M., PÉREZ SEGURA, PEDRO, Pineda, E., Sepulveda, J. M., Vieito, M.. SEOM clinical guideline for management of adult medulloblastoma (2020). CLINICAL & TRANSLATIONAL ONCOLOGY. 2021. 23 (5): 940:947. DOI:10.1007/s12094-021-02581-1.	ONC.1
de Juan Ferre, A., Alvarez Alvarez, R., CASADO, ANTONIO, Cruz Jurado, J., Estival Gonzalez, A., Martin-Broto, J., Martinez Marin, V., Moreno Vega, A., Sebio Garcia, A., Valverde Morales, C.. SEOM Clinical Guideline of management of soft-tissue sarcoma (2020). CLINICAL & TRANSLATIONAL ONCOLOGY. 2021. 23 (5): 922:930. DOI:10.1007/s12094-020-02534-0.	ONC.1



TITLE	GROUP
Martinez-Trufero, Javier, Jurado, Josefina Cruz, Hernandez-Leon, C. Nieves, Correa, Raquel, Asencio, Jose Manuel, Bernabeu, Daniel, Alvarez, Rosa, Hindi, Nadia, Mata, Cristina, MARQUINA OSPINA, GLORIA, Martinez, Virginia, Redondo, Andres, Floria, Luis Javier, Gomez-Mateo, M. Carmen, Lavernia, Javier, Sebio, Ana, del Muro, Xavier Garcia, Martin-Broto, Javier, Valverde-Morales, Claudia. Uncommon and peculiar soft tissue sarcomas: Multidisciplinary review and practical recommendations. Spanish Group for Sarcoma research (GEIS -GROUP). Part II. CANCER TREATMENT REVIEWS. 2021. 99. DOI:10.1016/j.ctrv.2021.102260.	ONC.1
GARCIA BOTELLA, ALEJANDRA, Gomez Bravo, Miguel Angel, Di Martino, Marcello, Gastaca, Mikel, Martin-Perez, Elena, Sanchez Cabus, Santiago, Sanchez Perez, Belinda, Lopez Ben, Santiago, Rodriguez Sanjuan, Juan Carlos, Lopez-Andujar, Rafael, Barrera, Manuel, Grp Colaborativo Cirugia-AEC-COVID. Recommendations on intervention for hepatobiliary oncological surgery during the COVID-19 pandemic. CIRUGIA ESPANOLA. 2021. 99 (3): 174:182. DOI:10.1016/j.ciresp.2020.10.010.	ONC.2
[...], CASTILLO LLUVA, SONIA, LORENTE PÉREZ, Mª DEL MAR, [...]. Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). Autophagy. 2021. 17 (1): 1:382. DOI:10.1080/15548627.2020.1797280.	ONC.5
Loose, Reinhard W., VAÑÓ CARRUANA, ELISEO, Mildenerberger, Peter, Tsapaki, Virginia, Caramella, Davide, Sjoberg, Johan, Paulo, Graciano, Torresin, Alberto, Schindera, Sebastian, Frija, Guy, Damilakis, John, European Soc Radiology ESR. Radiation dose management systems-requirements and recommendations for users from the ESR EuroSafe Imaging initiative. EUROPEAN RADIOLOGY. 2021. 31 (4): 2106:2114. DOI:10.1007/s00330-020-07290-x.	OGS.14
Kucharzik, T., Ellul, P., Greuter, T., Rahier, J. F., Verstockt, B., Abreu, C., Albuquerque, A., Allocca, M., Esteve, M., Farraye, F. A., Gordon, H., Karmiris, K., Kopylov, U., Kirchgesner, J., MacMahon, E., Magro, F., Maaser, C., de Ridder, L., TAXONERA SAMSÓ, CARLOS, Toruner, M., Tremblay, L., Scharl, M., Vîget, N., Zabana, Y., Vavricka, S., European Crohns & Colitis Org ECCO. ECCO Guidelines on the Prevention, Diagnosis, and Management of Infections in Inflammatory Bowel Disease. JOURNAL OF CROHNS & COLITIS. 2021. 15 (6): 879:913. DOI:10.1093/ecco-jcc/jjab052.	OGS.23
Riestra, Sabino, TAXONERA SAMSÓ, CARLOS, Zabana, Yamile, Carpio, Daniel, Beltran, Belen, Manosa, Miriam, Gutierrez, Ana, Barreiro-de Acosta, Manuel. Recommendations of the Spanish Working Group on Crohn's Disease and Ulcerative Colitis (GETECCU) on screening and treatment of tuberculosis infection in patients with inflammatory bowel disease. GASTROENTEROLOGIA Y HEPATOLOGIA. 2021. 44 (1): 51:66. DOI:10.1016/j.gastrohep.2020.04.006.	OGS.23
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Morado, Marta, VILLEGAS MARTÍNEZ, ANA, de la Iglesia, Silvia, MARTÍNEZ NIETO, JORGE, del Orbe Barreto, Rafael, Beneitez, David, Salido, Eduardo, Grp Espanol Eritropatologia. Consensus document for the diagnosis and treatment of pyruvate kinase deficiency. MEDICINA CLINICA. 2021. 157 (5): .: DOI:10.1016/j.medcli.2020.10.018.	OGS.28
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Bouza, Emilio, de Alarcon, Aristides, Farinas, Maria Carmen, Galvez, Juan, Goenaga, Miguel angel, Gutierrez-Diez, Francisco, Hortal, Javier, Lasso, Jose, Mestres, Carlos A., Miro, Jose M., Navas, Enrique, NIETO CABRERA, MERCEDES, Parra, Antonio. Prevention, Diagnosis and Management of Post-Surgical Mediastinitis in Adults Consensus Guidelines of the Spanish Society of Cardiovascular Infections (SEICAV), the Spanish Society of Thoracic and Cardiovascular Surgery (SECTCV) and the Biomedical Researc. Journal of Clinical Medicine. 2021. 10 (23). DOI:10.3390/jcm10235566.	OGS.28
GONZÁLEZ GARCÍA, NURIA, Pozo-Rosich, P. Comments on "Headache: Pregnancy and breastfeeding. Recommendations of the Spanish Society of Neurology's Headache Study Group". Neurologia. 2021. 36 (2): 176:176. DOI:10.1016/j.nrl.2020.01.005.	OGS.28
Farmer, Adam D., Strzelczyk, Adam, Finisguerra, Alessandra, Gourine, Alexander, Gharabaghi, Alireza, Hasan, Alkomiet, Burger, Andreas M., Jaramillo, Andres M., Mertens, Ann, Majid, Arshad, Verkuil, Bart, Badran, Bashar W., Ventura-Bort, Carlos. International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). FRONTIERS IN HUMAN NEUROSCIENCE. 2021. 14 (). DOI:10.3389/fnhum.2020.568051.	OGS.28

TITLE	GROUP
Samper Ots, P. M., Rovirosa Casino, A., Herreros Martinez, A., Rodriguez Villalba, S., Perez Calatayud, J., Polo Cezon, R., Gutierrez Miguelez, C., Anchuelo Latorre, J., Rodriguez Rodriguez, I., CORDOBA LARGO, SOFIA, Perez Echaguen, S., Sanz Freire, C. J., Clemente Gutierrez, F., de las Penas Cabrera, D., Villafranca Iturre, E., SEOR Brachytherapy Grp, SEFM Brachytherapy Grp. Consensus and recommendations on vaginal-cuff Brachytherapy of the Spanish Brachytherapy Groups of SEOR and SEFM. CLINICAL & TRANSLATIONAL ONCOLOGY. 2021. 23 (6): 1193:1200. DOI:10.1007/s12094-020-02510-8.	OGS.28
Arasi, Stefania, Nurmatov, Ulugbek, Dunn-Galvin, Audrey, Daher, Shahd, Roberts, Graham, Turner, Paul J., Shinder, Sayantani B., Gupta, Ruchi, Eigenmann, Philippe, Nowak-Wegrzyn, Anna, Borges, Mario A. Sanchez, Ansotegui, Ignacio J., SORIA CASTRO, IRENE, Petrou, Stavros, Tanno, Luciana Kase, Vazquez-Ortiz, Marta, Vickery, Brian P., Wong, Gary Wing-Kin, Ebisawa, Motohiro, Fiocchi, Alessandro. Consensus on DEfinition of Food Allergy SEverity (DEFASE) an integrated mixed methods systematic review. World Allergy Organization Journal. 2021. 14 (3). DOI:10.1016/j.waojou.2020.100503.	OGS.28
Goldbrunner, Roland, Stavrinou, Pantelis, Jenkinson, Michael D., Sahm, Felix, Mawrin, Christian, Weber, Damien C., Preusser, Matthias, Minniti, Giuseppe, Lund-Johansen, Morten, Lefranc, Florence, Houdart, Emanuel, SALLABANDA DIAZ, KITA, Le Rhun, Emilie, Nieuwenhuizen, David, Tabatabai, Ghazaleh, Soffietti, Riccardo, Weller, Michael. EANO guideline on the diagnosis and management of meningiomas. Neuro-Oncology. 2021. 23 (11): 1821:1834. DOI:10.1093/neuonc/noab150.	OGS.28
Calderon, Caterina, Joan Ferrando, Pere, Lorenzo-Seva, Urbano, Gomez-Sanchez, David, Fernandez-Montes, Ana, Palacin-Lois, Maria, ANTOÑANZAS BASA, MONICA, Rogado, Jacobo, Manzano-Fernandez, Aranzazu, Ferreira, Estrella, Asensio-Martinez, Elena, Jimenez-Fonseca, Paula. Multidimensional Scale of Perceived Social Support (MSPSS) in Cancer Patients: Psychometric Properties and Measurement Invariance. PSYCHOTHEMA. 2021. 33 (1): 131:138. DOI:10.7334/psicothema2020.263.	OGS.28
Garcia-Carbonero, R., MATUTE TERESA, MARIA DE FATIMA, Mercader-Cidoncha, E., Mitjavila-Casanovas, M., Robledo, M., Tena, I., Alvarez-Escola, C., Aristegui, M., Bella-Cueto, M. R., Ferrer-Albiach, C., Hanzu, F. A.. Multidisciplinary practice guidelines for the diagnosis, genetic counseling and treatment of pheochromocytomas and paragangliomas. CLINICAL & TRANSLATIONAL ONCOLOGY. 2021. 23 (10): 1995:2019. DOI:10.1007/s12094-021-02622-9.	OGS.28

Protocols implemented in the HCSC

- ▶ Protocolo de amigdalectomía ambulatoria. 2021

Patents in force in 2021

- ▶ MÉTODO DE CLASIFICACIÓN DEL CARCINOMA NO MICROCÍTICO DE PULMÓN BASADO EN LA IDENTIFICACIÓN DE UNA RESPUESTA INMUNE INTRATUMORAL. Spanish Patent no. 2420079. Date of granting: 15/07/14. Ownership: 100% FIBHCSC. Withdrawal date: 28/02/2021. Oncology groups. ONC.1, ONC.2.
- ▶ MÉTODO PARA EL PRONÓSTICO DE LA EFICACIA DE LA INMUNOTERAPIA ORAL PARA EL TRATAMIENTO DE LA ALERGIA A LAS PROTEÍNAS DE LECHE DE VACA. Spanish Patent no. ES2530440. Date of granting: 10/12/15. Ownership: 35% FIBHCSC/65% Fundación para la Investigación Biomédica del Hospital Universitario Ramón y Cajal. Allergy group: IIIA.2.
- ▶ MÉTODO PARA EL PRONÓSTICO DE LA EFICACIA DE LA INMUNOTERAPIA ORAL PARA EL TRATAMIENTO DE LA ALERGIA A LAS PROTEÍNAS DE LECHE DE VACA. Ownership: 35% FIBHCSC 65% FIBHRC. European Patent no. 3 361 259 (entry into the European phase based on International Application PCT/ES2014/070634). Date of granting: 23/04/20. Allergy group. This patent was validated in 2020 in Germany, France, United Kingdom and Italy. Allergy group: IIIA.2.
- ▶ BIOHÍBRIDO PARA SU USO EN LA REGENERACIÓN DE TRACTOS NEURALES. Spanish Patent no. ES2577883. Date of granting: 14/11/16. Ownership: 37,5% FIBHCSC 62,5%/Universidad Politécnica de Valencia. Groups. ONC.6, NEC.5, NEC.6.
- ▶ MÉTODO Y KIT PARA EL DIAGNÓSTICO DE CELIAQUÍA. Spanish Patent no. ES2548653. Date of granting: 11/01/17. Ownership: 100% FIBHCSC. Immunology group. Withdrawal date: 30/07/2021. Groups: OGS.25, IIIA.7, IIIA.10, NEC.22.
- ▶ MÉTODO Y DISPOSITIVO PARA ANÁLISIS DE MATERIAL BIOLÓGICO, MÉTODO DE OBTENCIÓN Y USO DEL MISMO. Spanish Patent no. 2598878. Date of granting: 17/10/17. Ownership: 50% FIBHCSC/50% Universidad de Alcalá. Pediatrics and Innovation Unit group.
- ▶ PREPARACIÓN FARMACÉUTICA ÚNICA Y ESTABLE QUE CONTIENEN BERBERINA. EN FORMULACIÓN DE LIBERACIÓN LENTA. UNA ESTATINA Y UBIQUINOL PARA EL TRATAMIENTO DE LA ENFERMEDAD 5 CARDIOVASCULAR Y LOS FACTORES DE RIESGO ASOCIADOS. Spanish Patent no. ES2645028. Date of granting: 28/05/18. Ownership: 100% FIBHCSC. Vascular Biology group: CV.11.



Patent applications pending in 2021

- ▶ METHOD FOR THE IDENTIFICATION OF CARDIAC FIBRILLATION DRIVERS AND/OR THE FOOTPRINT OF ROTATIONAL ACTIVATIONS USING SINGLE OPTICAL OR ELECTRICAL SIGNALS WITHOUT REQUIRING PANORAMIC SIMULTANEOUS ACQUISITION. USA Patent Application no. 17284195 (entry into national phase based on International Application PCT/EP2019/077610). Application date: 9/4/21. Ownership: 10% FIBHCSC 90% CNIC. Arrhythmia group: CV.4
- ▶ METHOD FOR THE IDENTIFICATION OF CARDIAC FIBRILLATION DRIVERS AND/OR THE FOOTPRINT OF ROTATIONAL ACTIVATIONS USING SINGLE OPTICAL OR ELECTRICAL SIGNALS WITHOUT REQUIRING PANORAMIC SIMULTANEOUS ACQUISITION. European Patent Application no. 19783542.4 (entry into the national phase based on International Application PCT/EP2019/077610). Application date: 6/5/21 Ownership: 10% FIBHCSC 90% CNIC. Arrhythmia group: CV.4

Trademarks



IdISSC.

Figurative trademark nº 010057685

(registration date: 31/10/2011)



Incubadora de Ideas.

Figurative trademark nº 010821486

(registration date: 21/08/2012).



PelviCare.

Figurative trademark nº 014279244

(registration date: 07/10/2015)



ProctOCare.

Figurative trademark no. 014428445

(registration date: 25/11/2015).



SysPharma.

Figurative trademark no. 015133796

(registration date: 26/09/2017).



Smart Health Center.

Figurative trademark no. 018097394

(registration date: 19/11/19).

Intellectual property (registrations/applications)

- ▶ Ilustraciones para el proyecto “Formación interactiva sobre asma en la infancia. Kids Beating Asthma”. Registration no. 16/2013/1642 (registration date: 5/03/2013). Ownership of the FIBHCSC: 100%.
- ▶ Proceso de gestión de eventos adversos relacionados con la asistencia sanitaria. Registration no. 16/2013/4768 (registration date: 16/07/2013). Ownership of the FIBHCSC: 100%.
- ▶ Video “Caso clínico: colecistectomía por abordaje laparoscópico con complicación intraquirúrgica y secuelas posoperatorias”. Registration no. 16/2013/6751 (registration date: 7/10/2013). Ownership of the FIBHCSC: 50%.
- ▶ INTRANET de la Plataforma de Unidades de Investigación Clínica y Ensayos Clínicos (SCReN). Registration No: 16/2021/7073 (registration date: 17/09/21). Ownership of the FIBHCSC: 100%. Group OGS.12.
- ▶ Atlas de Inmunofluorescencia indirecta Autoimmunity. Application no. M-005859/2021 (application date: 25/08/2021). Ownership of the FIBHCSC: 100%. Group IIIA.12.

RESEARCH DISSEMINATION ACTIVITIES

Scientific Conferences



International Day of Women and Girls in Science

Conferences:

- ▶ **¿Cómo es la vida de las científicas en roles de responsabilidad?**
Dra. Vanessa Andrés Guerrero.
- ▶ **¿Cómo se desarrollan los sesgos de género?**
Dra. Cristina Nombela Otero.
- ▶ **Science at school**
Dra. Silvia Corrochano Sánchez.



European Researchers' Night

Activities:

- ▶ **Neurocientific@ por un día**
Silvia Corrochano Sánchez
Ulises Gómez Pinedo
- ▶ **Reproducción online de píldoras informativas sobre proyectos europeos en desarrollo en el IdISSC.**
ODIN: Open-Digital-Industrial and Networking.
María Luaces Méndez
Gravitate Health: Empowering and Equipping Europeans with health information fo Active Personal Health Management and Adherence to Treatment.
Cristina Fernández Pérez y José Manuel Martínez Sesmero
3TR: Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions.
María Domínguez Moro



Coeliac Festival

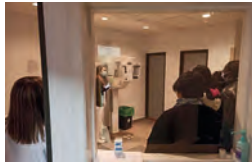
Workshop:

- ▶ **¿Jugamos a identificar células?**
Identificar las células para diagnosticar la enfermedad celíaca en el laboratorio de su hospital



2021

SCIENTIFIC REPORT



Science Week

Activities:

▶ **¿Eres celíaco? Veamos qué pueden decirte tus células**

M^a Concepción Núñez Pardo de Vera, María Corzo Martínez, Mercedes Rubio Martínez y Sara Gómez Aguililla

▶ **¿Quieres saber más sobre las infecciones de transmisión sexual?**

M^a del Mar Ramírez Mena, Mónica Bellón del Amo y Pluvio Jesús Coronado Martín

▶ **Cirugía robótica, tecnología de última generación en los tratamientos quirúrgicos**

Rocío Anula y Mila Merino

▶ **A la salud a través de la Actividad Física y la Alimentación**

Fco. Miguel Tobal, G. Toledo Mozos, J.J. Ramos Álvarez, J.J. Montoya Miñano y P. Martín Escudero

▶ **Algunas ideas clave en salud sexual y reproductiva**

Ignacio Cristóbal García y Maribel Calventus Periago

▶ **Conoce un laboratorio de reproducción asistida por dentro**

Dolores Cuquerella Fernández-Vázquez, Marta Vidaurreta Lázaro, Sara Rafael Fernández y Silvia Veganzones de Castro

▶ **Jornada de puertas abiertas a la investigación**

Juan L. Arrazola García, Elena M. Molina Roldán y Antonio Portolés Pérez

▶ **La ciencia en el ámbito de la salud comunitaria. La ciencia es cosa de todos y todas**

David Fraguas Herráez

▶ **Iniciación a la innovación en el uso de datos clínicos: Design Thinking**

Laura Llorente Sanz e Ignacio Martínez Capella

▶ **Problemas oculares y de aprendizaje de la infancia**

Adrián García, Blanca Domingo, Elena Hernández, Gema Felipe y Rosario Gómez de Liaño

▶ **Diagnóstico clásico vs. Inteligencia artificial en las enfermedades de la retina.**

José Fernández Vigo

▶ **Me han diagnosticado endometriosis, ¿Y a partir de ahora qué?**

Alicia Gutiérrez, Estefanía Ruipérez y Javier García

▶ **Innovación Educativa: la simulación en la enseñanza de Ginecología**

Javier García Santos

▶ **¿Son hereditarias las enfermedades autoinmunes?**

Adela González Giménez, Laura Espino, Pilar López de Cotarelo y Elena Urcelay

▶ **Trasplante de útero. Ficción o realidad**

Fernando Morales Taboada y Javier García Santos

▶ **COVID-19 y gestación: ¿Qué sabemos hasta ahora?**

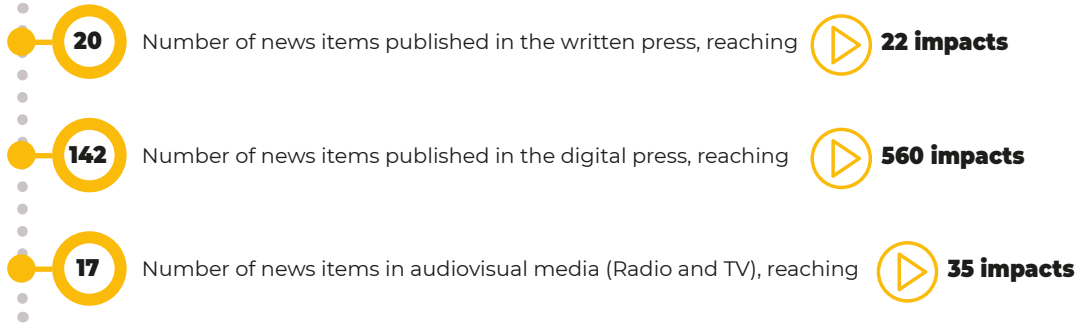
Noelia Pérez, Raúl Villasevil y Ricardo Savirón

IdISSC Seminars

- ▶ **Líneas de investigación del grupo de investigación Estudio molecular y epidemiológico de microorganismos resistentes de interés clínico**
PhD Alberto Delgado-Iribarren G^a-Campero
- ▶ **COMBIVACS: un ensayo clínico académico de plataforma SCReN, en pandemia**
PhD Antonio Portolés Pérez
- ▶ **Coronary microcirculatory dysfunction in patients with ischemic heart disease is associated with structural brain changes and impaired cognitive function: results of the Coronary Cerebral Connection study (C3 Study)**
Prof. Javier Escaned Barbosa
- ▶ **Afectación neurocognitiva en niños-adolescentes con infección VIH. El proyecto REACH.**
Prof. José Tomás Ramos Amador
- ▶ **Líneas de investigación del GRUPO DE INVESTIGACIÓN BIOMATERIALS AND REGENERATIVE MEDICINE**
Prof. Gustavo V. Guinea Tortuero
- ▶ **Líneas de investigación del GRUPO DE INVESTIGACIÓN LABORATORIO DE NEUROCIENCIA CLÍNICA**
Prof. Bryan Strange
- ▶ **Obesidad: herramientas frente a la otra pandemia del SXXI**
PhD M^a Pilar Matía Martín
- ▶ **La Nutrición de Precisión como herramienta de salud frente a enfermedades crónicas de alta prevalencia en nuestra sociedad**
PhD Ana Ramírez de Molina
- ▶ **Type 2 diabetes and neurodegeneration**
Prof. Manuel R. de la Heras
- ▶ **Protocolización del tratamiento con gammaglobulinas en pacientes con malignidad hematológica**
Dña. Juliana Ochoa Grullón
- ▶ **Papel de CALR en neoplasias mieloproliferativas**
Dña. Xiomara Guerrero-Carreño
- ▶ **Afasia progresiva primaria: del diagnóstico a la personalización en el tratamiento**
DPh Vanesa Pytel
- ▶ **Sinergias de investigación traslacional en cardiología entre HCSC - CNIC.**
PhD David Filgueiras-Rama
- ▶ **Hacia una identificación de trayectorias y subtipos en esquizofrenia y otras psicosis**
PhD David Fraguas Ferrández
- ▶ **La investigación del grupo de tecnologías en física nuclear e instrumentación en biomedicina**
PhD Jose Manuel Udias Moinelo
- ▶ **Marcadores para el diagnóstico de la COVID19 en Sangre para la determinación de la gravedad de la enfermedad y en Saliva para el diagnóstico precoz**
PhD Miguel Holgado



Impact on research-related media



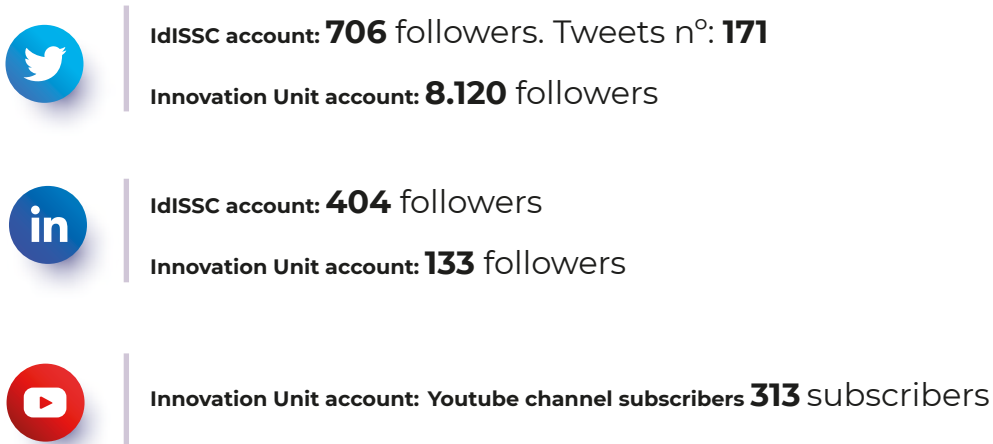
Press releases related to research issued by the HCSC



Visits to the idissc.org website



Social networks



IdISSC Periodic Newsletters



During 2021, 13 newsletters have been published in order to share information on national and international news, events and research calls.

Activities in which the Innovation Unit has participated

Organisation of events with patients



27 April 2021

- ▶ **Abordaje multidisciplinar de los pacientes con microangiopatías trombóticas (MAT)**

Organisation of events in Health Management

Clinical Forum:

17 February 2021

- ▶ **An approach to Public Health Procurement post Covid19.**

David Lentisco. Lawyer, writer and essayist. Teacher and trainer. Compliance manager. Risk analyst.

9 March 2021

- ▶ **Health outcomes, innovation and secondary use of health data. Farewell session of Dr. Germán Seara.**

Germán Seara Aguilar. Co-Director of the Innovation Unit, HCSC.

19 October 2021

- ▶ **Present and future of the NHS**

2nd Edition

Boi Ruiz García, PhD "cum laude" from the University of Barcelona and Diploma in Hospital Management from the Barcelona School of Higher Management and Administration (EADA). "".

7 November 2021

- ▶ **Organisation and healthcare professionals.**

2nd Edition

Vicenç Martínez Ibáñez, Director General of Professional Organisation at the Ministry of Health. "".

15 December 2021

- ▶ **Innovation management and experience in innovative public procurement.**

2nd Edition

Javier Quiles del Río, Deputy Director of Information Systems and Technologies. Área Sanitaria de Ferrol, Servizo Galego de Saúde-Consellería de Sanidade.



Projects



Open-Digital-Industrial and Networking

Call: H2020-DT-2018-2020

Topic: DT-ICT-12-2020 – AI for the smart hospital of the future

Start date: 1 March 2021. End date: 31 August 2024



HIT X

We held a virtual session on 27/06/2021 as a preamble to the face-to-face workshops to be held in 2022. We had the participation of Dr. Julio Mayol, Dr. Germán Seara and Dr. Luaces presenting the UI projects and the work in Data Science.



Covid X

COVID-X has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 101016065.



Empowering and Equipping Europeans with health information for Active Personal Health Management and Adherence to Treatment



BDclin

Project for the generation of an institutional repository of data from the Hospital Clínico San Carlos,



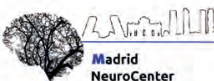
ACOD

Retrospective observational study on the effectiveness and safety of new oral anticoagulants versus acenocoumarol in the prevention of atherothrombotic events in patients in the Comunidad de Madrid.



Obesity-Covid

Investigation of the prevalence of obesity and obesity-associated comorbidities; diabetes mellitus (DM), hypertension (HT) and cardiovascular disease (CVD) in COVID-19 positive patients hospitalised at the Hospital Clínico San Carlos de Madrid



Madrid Neurocenter

Technological Centre for the Integrated Treatment of Neurological Disorders. Lines of work: Biomedical engineering, instrumentation and information and communication technologies in biomedicine.



Smart Health Center

Creation and implementation of a space dedicated to promoting multidisciplinary organisational, clinical, epidemiological and technological innovation.

Innovations generated

The Innovation Unit focuses mainly on “process innovation” that can provide value to patients as well as to the professionals of the National Health System.

In this sense, we have developed 7 interactive dashboards using REDCap and PowerBI (POWER BI BUSINESS INTELLIGENCE) as a tool for data visualisation, in collaboration with the different Services of the Hospital Clínico San Carlos:

- ▶ **Visualisation of the Cardiology Service’s diary activity.**
- ▶ **Visualisation of studies assessed by the Ethics Committee.**
- ▶ **Design of storage and visualisation of management data for the Hospital Medicine Clinical Management Unit.**
- ▶ **Design of storage and visualisation of clinical and management data for the Breast Pathology Unit.**
- ▶ **Visualisation of indicators used in the Sub-directorate.**
- ▶ **Design of storage and visualisation of information related to the dispensing of drugs at home.**
- ▶ **Visualisation of oncology data collected during the COVID19 pandemic.**

We have also worked on improving the scalability and regular updating of 2 dashboards already created:

- ▶ **Storage and visualisation of management data from the Continuity of Care Unit.**
- ▶ **Storage and visualisation of clinical and management data for patients admitted to Traumatology.**

CARDIOVASCULAR

CV



GROUPS

CV.1	Technology Assessment and Therapeutic Strategies in Coronary Arteriosclerosis
CV.2	Cardiovascular Imaging
CV.4	Arrhythmia
CV.6	Predictive Biomedicine and Translational Research of Respiratory, Cardiovascular and Metabolic Diseases
CV.7	Valvular Pathology and Large Vessels
CV.8	Translational Research in Acute Myocardial Syndromes (INTEGRA)
CV.10	Myocardial Regeneration Therapy
CV.11	Cardiovascular Risk



ANNUAL GOALS

Promoting cooperation in competitive research projects

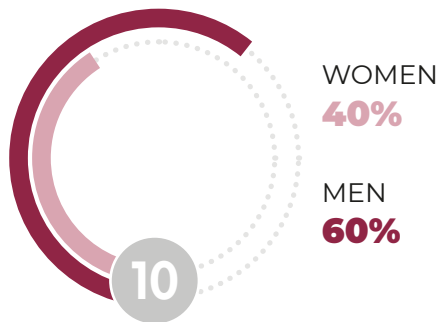


Promoting cooperation in publications between groups in the area

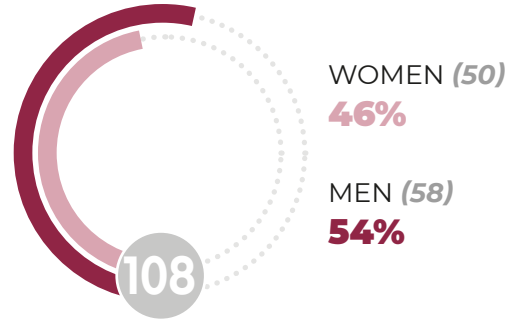




GROUP LEAD RESEARCHERS



ACCUMULATED TOTAL PROFESSIONALS IN THE AREA



ACTIVITY

New project competitive funding



8



New project non competitive funding



15



Awards



1



Books chapter



2



Books



2



Clinical practice guidelines



3



Doctorate Theses



9



Technology Transfer



2



Visiting Researcher



1



Mobility of Researcher



1



SCIENTIFIC PRODUCTION



Nº of Papers (WoS)

297

% OA: 48,15

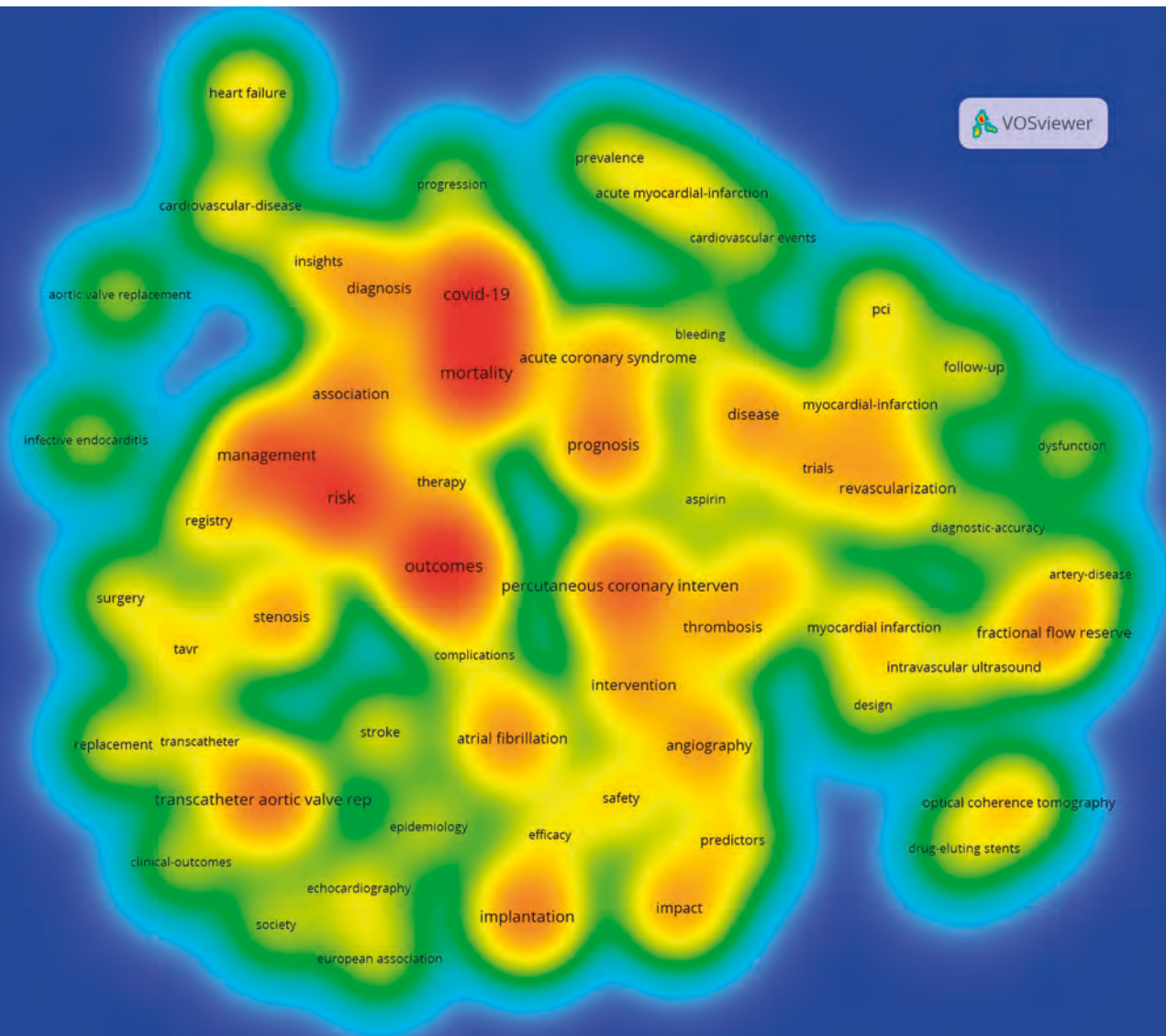
Nº of Citable Items

208

% Q1: 66,35

% D1: 20,19

Keywords (> 5 frequency)





Top 5: Journals with the highest publication rate

During 2021, the Cardiovascular area`s researchers have published in a total of 116 different journals. The top 5 journals where they publish the most are shown below. It represents the 35.35% of the scientific production of this area. Four of these journals are in the first quartile of the JCR 2021 for their thematic category. Two journals are in the Top 5 in their WoS category

JOURNAL	Nº OF PAPERS (WoS)	TIMES CITED	AVERAGE PER ITEM	QUARTIL 2021	WOS CATEGORY	ARTICLE INFLUENCE SCORE 2021	JOURNAL CITATION INDICATOR 2021	IF (WITHOUT SELF CITATIONS) 2021
EUROPEAN HEART JOURNAL	37	85	2,30	Q1 (3/143)	CARDIAC & CARDIOVASCULAR SYSTEMS	11.139	6.77	33.873
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY	24	116	4,83	Q1 (5/143)	CARDIAC & CARDIOVASCULAR SYSTEMS	10.299	4.71	26.184
JOURNAL OF CLINICAL MEDICINE	18	43	2,39	Q2 (54/172)	MEDICINE, GENERAL & INTERNAL	1.083	1.01	4.722
CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS	13	41	3,15	Q1 (95/143)	CARDIAC & CARDIOVASCULAR SYSTEMS	0.811	0.59	2.342
REVISTA ESPANOLA DE CARDIOLOGIA	13	39	3,00	Q1 (33/143)	CARDIAC & CARDIOVASCULAR SYSTEMS	1.248	1.82	5.963
Total	105	324	3,09					

Selected 5 publications

ALFONSO MANTEROLA, FERNANDO, GONZALO LÓPEZ, MARIA NIEVES, Rivero, Fernando , ESCANED BARBOSA, JAVIER. The year in cardiovascularmedicine 2020: interventional cardiology. EUROPEAN HEART JOURNAL. 2021; 42 (10): 985:1003. DOI: 10.1093/eurheartj/ehaa1096. FI: 29,983. (D1).

ESCANED BARBOSA, JAVIER, Cao, Davide , Baber, Usman , Nicolas, Johny , Sartori, Samantha , Zhang, Zhongjie , Dargas, George , ANGIOLILLO DOMINICK, JOSEPH, Briguori, Carlo , Cohen, David J. , Collier, Timothy , Dudek, Dariusz , Gibson, Michael , Gil, Robert , Huber, Kurt , Kaul, Upendra , Kornowski, Ran , Krucoff, Mitchell W. , Kunadian, Vijay , Mehta, Shamir , Moliterno, David J. , Ohman, E. Magnus , Oldroyd, Keith G. , Sardella, Gennaro , Sharma, Samin K. , Shlofmitz, Richard , Weisz, Giora , Witzenbichler, Bernhard , Pocock, Stuart , Mehran, Roxana . Ticagrelor monotherapy in patients at high bleeding risk undergoing percutaneous coronary intervention: TWILIGHT-HBR. EUROPEAN HEART JOURNAL. 2021; 42 (45): 4624:4634. DOI: 10.1093/eurheartj/ehab702. FI: 29,983. (D1).

NIETO SÁNCHEZ, ÁNGEL, Mazon, Angel , NIETO CABRERA, MERCEDES, Calderon, Rafael , Calaforra, Susana , Selva, Blanca, Uixera, Sonia, Jose Palao, Maria, Brandi, Paola, Conejero, Laura, Saz-Leal, Paula, FERNÁNDEZ PÉREZ, CRISTINA, Sancho, David, Luis Subiza, Jose, Casanovas, Miguel. Bacterial Mucosal Immunotherapy with MV130 Prevents Recurrent Wheezing in Children A Randomized, Double-Blind, Placebo-controlled Clinical Trial. AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE. 2021; 204 (4): 462:472. DOI: 10.1164/rccm.202003-0520OC. FI: 21,405. (D1).

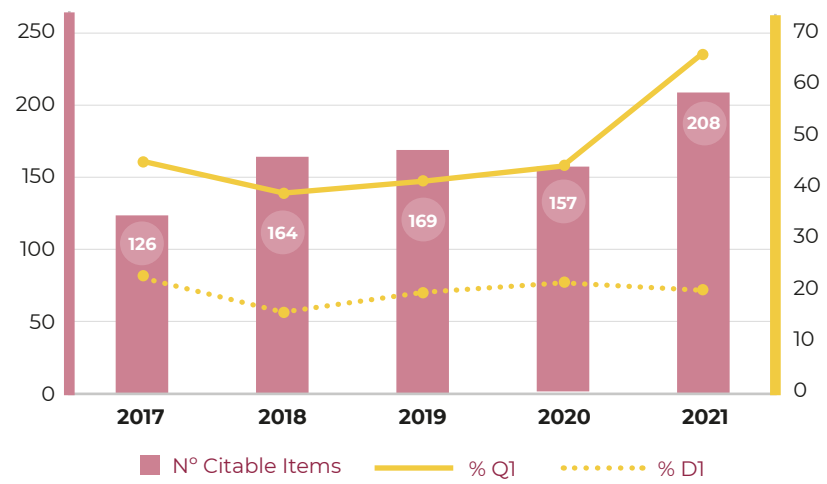
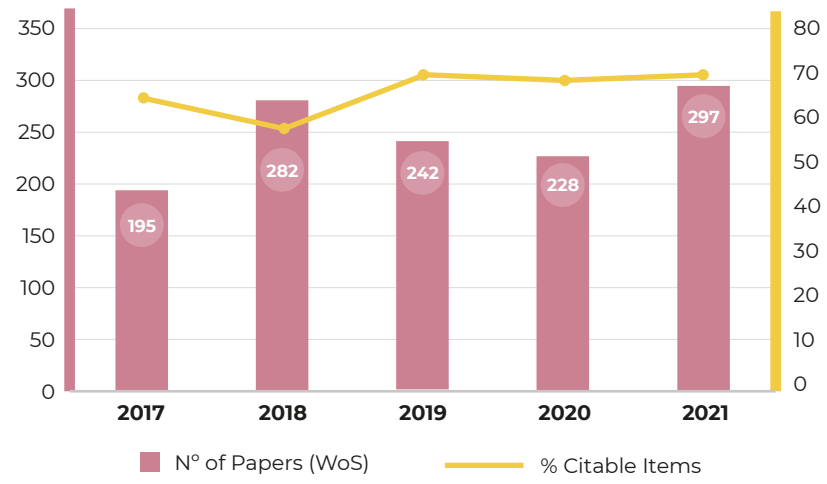
PÉREZ DE ISLA, LEOPOLDO, Watts, Gerald F. , Alonso, Rodrigo , Luis Diaz-Diaz, Jose , Muniz-Grijalvo, Ovidio , Zambon, Daniel, Fuentes, Francisco, de Andres, Raimundo, Padro, Teresa, Lopez-Miranda, Jose, Mata, Pedro. Lipoprotein(a), LDL-cholesterol, and hypertension: predictors of the need for aortic valve replacement in familial hypercholesterolaemia. EUROPEAN HEART JOURNAL. 2021; 42 (22): 2201:2211. DOI: 10.1093/eurheartj/ehaa1066. FI: 29,983. (D1).

FILGUEIRAS RAMA, DAVID, Vasilijevic, Jasmina , Jalife, Jose , Noujaim, Sami F. , Alfonso, Jose M. , Nicolas-Avila, Jose A. , Gutierrez, Celia , Zamarreno, Noelia , Hidalgo, Andres , Bernabe, Alejandro , Cop, Christopher Pablo , Ponce-Balbuena, Daniela , Guerrero-Serna, Guadalupe , Calle, Daniel , Desco, Manuel , Ruiz-Cabello, Jesus , NIETO SÁNCHEZ, ÁNGEL, Falcon, Ana . Human influenza A virus causes myocardial and cardiac-specific conduction system infections associated with early inflammation and premature death. CARDIOVASCULAR RESEARCH. 2021; 117 (3): 876:889. DOI: 10.1093/cvr/cvaa117. FI: 10,787. (D1).

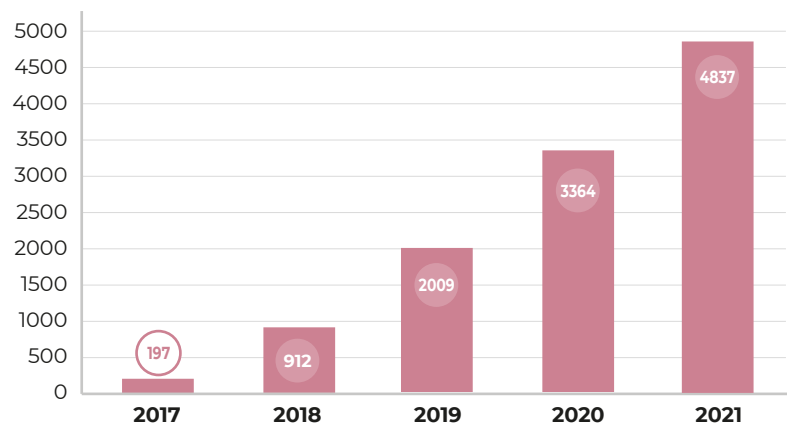
SCIENTIFIC PRODUCTION (2017-2021)



- 1.244** ←... N° of papers WoS
- 824** ←... N° citable items
- 47** ←... % of papers OA
- 13.556** ←... Times Cited
- 10.611** ←... Citing Articles
- 10,90** ←... Average per item (Total papers WoS)
- 2259,33** ←... Average per year (Total papers WoS)
- 5,60** ←... % Self-citations (Total papers WoS)
- 53** ←... h index
- 46,06** ←... % Q1 (Total citable items)
- 20,01** ←... % D1 (Total citable items)



Times cited by year

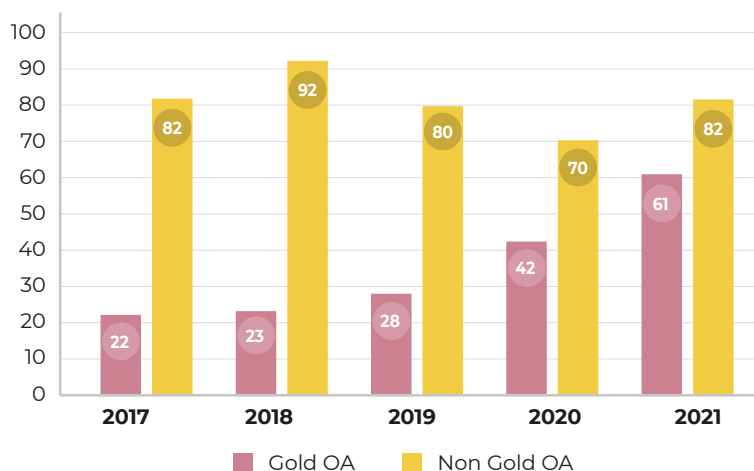


*WoS download 13.07.2022

Top 5 most cited papers

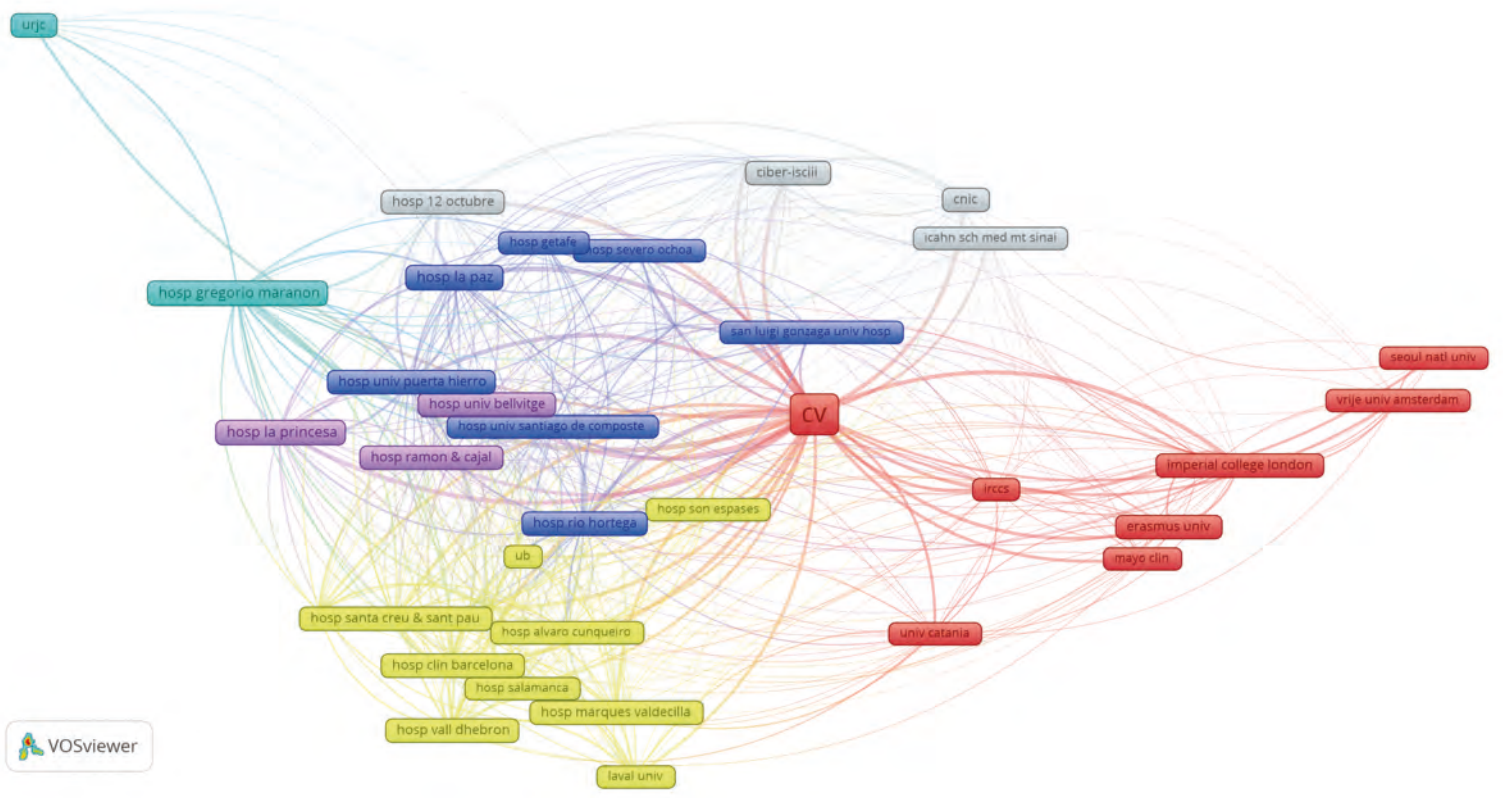
TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE	IF	OA TYPE
Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI	NEW ENGLAND JOURNAL OF MEDICINE	485	2017	Q1 (1/155)	MEDICINE, GENERAL & INTERNAL	29.439	79.260	Non Gold OA
Ticagrelor with or without Aspirin in High-Risk Patients after PCI	NEW ENGLAND JOURNAL OF MEDICINE	416	2019	Q1 (1/165)	MEDICINE, GENERAL & INTERNAL	30.627	74.699	Non Gold OA
A randomized multicentre trial to compare revascularization with optimal medical therapy for the treatment of chronic total coronary occlusions	EUROPEAN HEART JOURNAL	229	2018	Q1 (1/136)	CARDIAC & CARDIOVASCULAR SYSTEMS	6.871	24.889	Non Gold OA
Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions	EUROPEAN HEART JOURNAL	220	2018	Q1 (1/136)	CARDIAC & CARDIOVASCULAR SYSTEMS	6.871	24.889	Non Gold OA
Clinical outcomes of state-of-the-art percutaneous coronary revascularization in patients with de novo three vessel disease: 1-year results of the SYNTAX II study	EUROPEAN HEART JOURNAL	174	2017	Q1 (1/128)	CARDIAC & CARDIOVASCULAR SYSTEMS	7.465	23.425	Non Gold OA

Open Access





Scientific Collaboration by center (> 30 papers)



Technology Assessment and Therapeutic Strategies in Coronary Arteriosclerosis

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)	Nº OF PAPERS JCR INDEXED	% OPEN ACCESS (Nº)	CITABLE ITEMS
119	110	43% (51)	72% (86)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
37% (32)	17% (15)	630,33	7,97



OVERVIEW

Percutaneous coronary intervention (PCI) has radically changed the handling of acute coronary syndromes and stable angina associated with coronary atherosclerosis. Such change has occurred in just a few decades as a result of incessant progress in PCI technologies, and their continuous evaluation in cardiovascular patients. Thus, in the coming years, technologies such as new and biodegradable drug-eluting stents, as well as pharmacoactive balloons currently being introduced in clinical practice, will need to be thoroughly assessed in order to determine their safety, effectiveness and applicability in different subgroups of patients. On top of this, the assessment of the application of such technologies to specific strategies (complete versus the culprit artery revascularization) will be necessary. The Interventional Cardiology Unit of HCSC has played a key role in the evaluation of these technologies, being internationally renowned not only as a participant in major clinical trials within the field of coronary revascularization, but also as a promoter of its own research lines.

LEADING RESEARCHER

Javier Escaned Barbosa

MEMBERS

- Alejandro Travieso González
- Ángela Mcinerney
- Breda Hennessey
- Carlos Macaya Miguel
- Carolina Espejo Paeres
- Daniel Faria
- David Chipayo Gonzáles
- Fernando Macaya Ten
- Hernán David Mejía Rentería
- Lin Wang
- María Luz Capote Toledo
- María Nieves Gonzalo López
- Pablo Salinas Sanguino
- Vera Rodríguez García-Abad

SELECTED PUBLICATIONS

ALFONSO MANTEROLA, FERNANDO, GONZALO LÓPEZ, MARIA NIEVES, Rivero, Fernando, ESCANED BARBOSA, JAVIER. The year in cardiovascular medicine 2020: interventional cardiology. EUROPEAN HEART JOURNAL. 2021; 42 (10): 985:1003. DOI: 10.1093/eurheartj/ehaa1096. FI: 29,983. (D1).

ESCANED BARBOSA, JAVIER, Cao, Davide, Baber, Usman, Nicolas, Johnny, Sartori, Samantha, Zhang, Zhongjie, Dangas, George, ANGIOLILLO DOMINICK, JOSEPH, Briguori, Carlo, Cohen, David J., Collier, Timothy, Dudek, Dariusz, Gibson, Michael, Gil, Robert, Huber, Kurt, Kaul, Upendra, Kornowski, Ran, Krucoff, Mitchell W., Kunadian, Vijay, Mehta, Shamir, Moliterno, David J., Ohman, E. Magnus, Oldroyd, Keith G., Sardella, Gennaro, Sharma, Samin K., Shlofmitz, Richard, Weisz, Giora, Witzentbichler, Bernhard, Pocock, Stuart, Mehran, Roxana . Ticagrelor monotherapy in patients at high bleeding risk undergoing percutaneous coronary intervention: TWILIGHT-HBR. EUROPEAN HEART JOURNAL. 2021; 42 (45): 4624:4634. DOI: 10.1093/eurheartj/ehab702. FI: 29,983. (D1).

MORI VARA, PILAR, MACAYA TEN, FERNANDO, Giacobbe, Federico, SALINAS SANGUINO, PABLO, Pavani, Marco, Boi, Alberto, Bettari, Luca, Rolfo, Cristina, Porto, Italo, GONZALO LÓPEZ, MARIA NIEVES, Varbella, Ferdinando, CERRATO MERA, CRISTINA, ESCANED BARBOSA, JAVIER. Clinical outcomes by angiographic type of spontaneous coronary artery dissection. Eurointervention. 2021; 17 (6): 516:. DOI: 10.4244/EIJ-D-20-01275. FI: 6,534. (Q1).

DOCTORATE THESES

Doctoral candidate: Enrico CerratoJavier. Thesis title: Aplicaciones de la Fisiología Coronaria en escenarios clínicos y angiográficos complejos Implementation of Coronary Physiology in complex clinical and angiographic scenarios. Director(s): Escaned Barbosa, Carlos Macaya Miguel. University: Universidad Complutense de Madrid.

Doctoral candidate: Hernán David Mejía Rentería. Thesis title: Aplicaciones contemporáneas de la fisiología coronaria en distintos escenarios clínicos. Director(s): Javier Escaned, Carlos Macaya Miguel. University: Universidad Complutense de Madrid.

NEW COMPETITIVE FUNDING

PI21/01481. Diagnostico y manejo clínico de la disfunción microcirculato. PI: ESCANED BARBOSA, JAVIER and CoPI HERNÁN DAVID MEJÍA RENTERÍA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

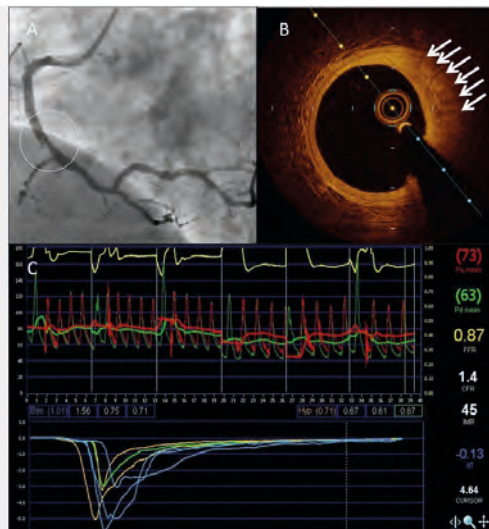
NEW NON COMPETITIVE FUNDING

BIOMAG. Seguridad y rendimiento clínico del sistema de scaffold coronario de magnesio liberador de sirolimus reabsorbible (DREAMS 3G) para el tratamiento de pacientes con lesiones de novo en arterias coronarias nativas: BIOMAG-I. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: BIOTRONIK.

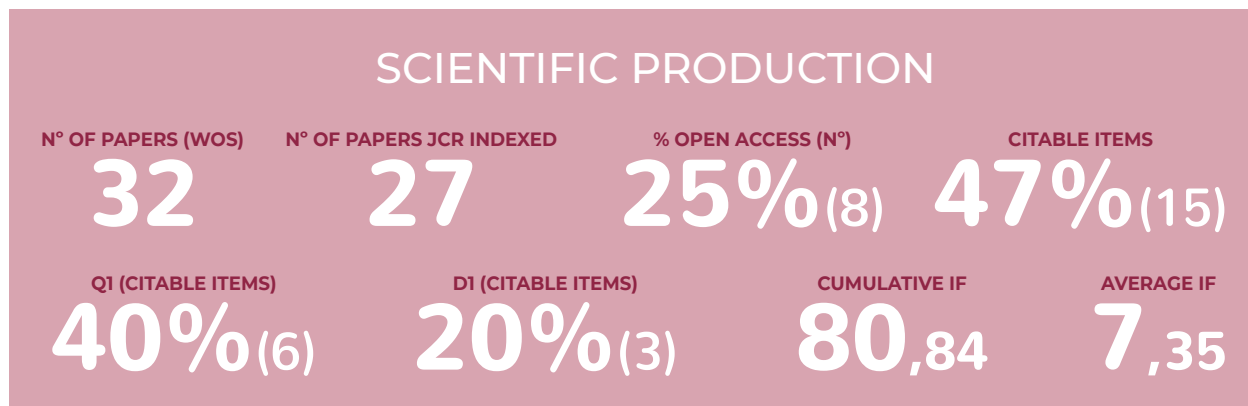
LUDICO. Eficacia y seguridad del uso de laser coronario en lesiones incruzables o indilatables. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: Hospital Universitario La Paz.

REDUCER-I. An Observational Study of the Neovasc Reducer™ System. The Reducer is intended for patients with refractory angina pectoris despite medical therapy, who are either not amenable or are at high risk for revascularization by coronary artery bypass grafting (CABG) or by percutaneous coronary intervention (PCI). The Reducer is designed to create a narrowing in the coronary sinus (CS) after implantation. CS narrowing improves perfusion to ischemic myocardium in the presence of reversible ischemic heart disease to alleviate the symptoms of refractory angina pectoris.. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: NEOVASC.

REPLICA. Registro prospectivo, de brazo único. Multicéntrico, observacional de litotricia coronaria para el tratamiento de lesiones calcificadas en España. PI: GONZALO LÓPEZ, MARIA NIEVES. Funding Organisation: Fundacion EPIC.



Cardiovascular Imaging



LEADING RESEARCHER
Leopoldo Pérez de Isla

MEMBERS
Eduardo Pozo Osinalde
José Alberto de Agustín Loeches
José Juan Gómez de Diego
María Luaces Méndez
Patricia Mahia Casado
Pedro Marcos-Alberca Moreno



OVERVIEW

This research group is one of the most dynamic and productive within the cardiovascular imaging field in our country. Due to a strong welfare activity encompassing different fields of cardiovascular imaging, such as echocardiography and cardiac magnetic resonance, the group displays a pronounced teaching and research projection. Proof of this are the numerous publications in national and international scientific journals and books, work presentations in the most important national and international conferences, and the participation of the group members as moderators, speakers and organizers. The research work conducted by the group stands out for the development of the clinical application of novel imaging tools to improve the diagnosis, management and treatment of both cardiac and extra-cardiac patients, upon exploration of the technique's advantages and limitations. The group outstands for the collaboration with other research groups related with cardiology and other fields within IdISSC.



SELECTED PUBLICATIONS

PÉREZ DE ISLA, LEOPOLDO, Watts, Gerald F., Alonso, Rodrigo, Luis Diaz-Diaz, Jose, Muniz-Grijalvo, Ovidio, Zambon, Daniel, Fuentes, Francisco, de Andres, Raimundo, Padro, Teresa, Lopez-Miranda, Jose, Mata, Pedro . Lipoprotein(a), LDL-cholesterol, and hypertension: predictors of the need for aortic valve replacement in familial hypercholesterolaemia. EUROPEAN HEART JOURNAL. 2021; 42 (22): 2201:2211. DOI: 10.1093/eurheartj/ehaa1066. FI: 29,983. (D1).

PÉREZ DE ISLA, LEOPOLDO, Alonso, Rodrigo, Juan Gomez de Diego, Jose, Muniz-Grijalvo, Ovidio, Luis Diaz-Diaz, Jose, Zambon, Daniel, Pablo Miramontes, Jose, Fuentes, Francisco, de Andres, Raimundo, Werenitzky, Jose, Padro, Teresa, Saltijeral, Adriana, Mata, Pedro, SAFEHEART Investigators . Coronary plaque burden, plaque characterization and their prognostic implications in familial hypercholesterolemia: A computed tomographic angiography study. Atherosclerosis. 2021; 317 (1): 52:58. DOI: 10.1016/j.atherosclerosis.2020.11.012. FI: 5,162. (Q1).

Urmeneta Ulloa, Javier, POZO OSINALDE, EDUARDO, Lizandro Rodriguez-Hernandez, Juan, Martinez Fernandez, Hugo, ISLAS RAMÍREZ, FABIÁN O NORE, DE AGUSTIN LOECHES, JOSE ALBERTO, MARCOS-ALBERCA MORENO, PEDRO, MAHIA CASADO, PATRICIA, Angel Cobos, Miguel, Hernandez Mateo, Paula, Angel Cabrera, Jose, Luaces Mendez, Maria, Gomez de Diego, Jose Juan, BUSTOS GARCIA DE CASTRO, ANA, MACAYA MIGUEL, CARLOS, PÉREZ DE ISLA, LEOPOLDO. Myocardial strain in nonischemic dilated cardiomyopathy with feature tracking. Feasibility and prognostic implications. REVISTA ESPAÑOLA DE CARDIOLOGIA. 2021; 74 (2): 159:166. DOI: 10.1016/j.recesp.2019.12.018. FI: 4,753. (Q2).

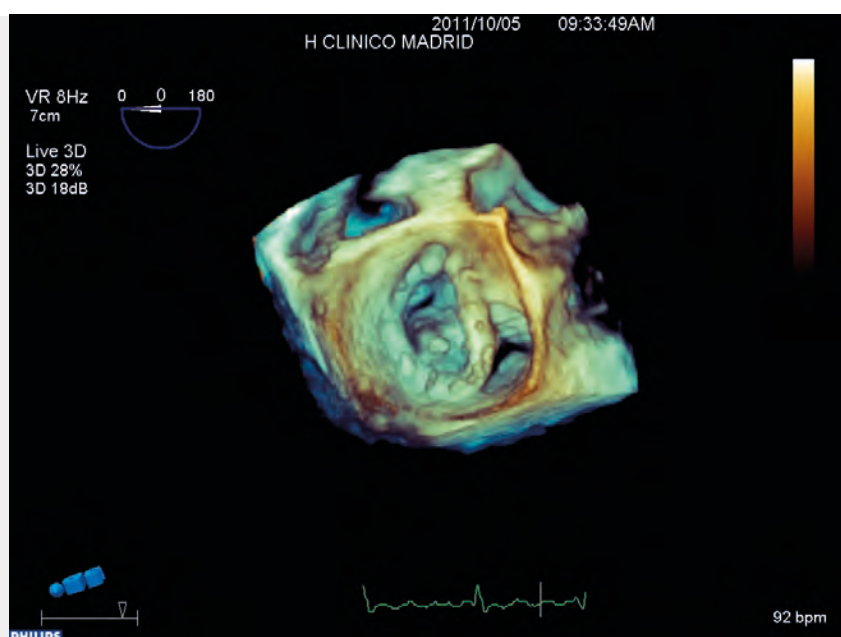
CLINICAL PRACTICE GUIDELINES

Maria Vieitez, Jose , Manuel Monteagudo, Juan , MAHIA CASADO, PATRICIA, Perez, Leopoldo , Lopez, Teresa , Marco, Irene , Perone, Francesco , Gonzalez, Teresa , Sitges, Marta , Bouzas, Alberto , Gonzalez, Violeta , Li, Pedro , Alonso, David , Carrasco, Fernando , Adeba, Antonio , Maria de la Heras, Jose , Fernandez-Golfin, Covadonga , Luis Zamorano, Jose. New insights of tricuspid regurgitation: a large-scale prospective cohort study. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING. 202122 (2): 196:202. 10.1093/ehjci/jeaa205

NEW NON COMPETITIVE FUNDING

ECL.21/351. EMPOWERING AND EQUIPPING EUROPEANS WITH HEALTH INFORMATION FOR ACTIVE PERSONAL HEALTH MANAGEMENT AND ADHERENCE TO TREATMENT. PI: LUACES MÉNDEZ, MARÍA.

ECL.21/340. LEVERAGING AI BASED TECHNOLOGY TO TRANSFORM THE FUTURE OF HEALTH CARE DELIVERY IN LEADING HOSPITALS IN EUROPE. PI: LUACES MÉNDEZ, MARÍA



Arrhythmia

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
30	29	37% (11)	47% (14)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
57% (8)	14% (2)	64,47	4,96



OVERVIEW

The Arrhythmia Unit of the Hospital Clínico San Carlos, established in December 2000, belongs to the Cardiovascular Institute of the hospital. The cardiologists within the group are accredited in Interventional Cardiac Electrophysiology by the Spanish and European Society, and they are members of the Spanish and European Society of Cardiology.

Today, five competitively funded projects are being developed, among which two are from the Health Research Fund of the Instituto Carlos III and three additional privately funded projects are also elaborated by the team itself. The group is also involved in seven competitive multicenter clinical trials, being Dr. Perez-Villacastín the national coordinator in two of them. In addition, the group contributes to the record of arrhythmia ablations at a national and international level, to the research in implantable devices and to the EURObservational Research Program from the European Cardiology Society.

LEADING RESEARCHER

Julián Pérez-Villacastín Domínguez

MEMBERS

Ana Martínez Rodríguez
 Carla Peinado Escobar
 David Filgueiras Rama
 Isabel Sicilia Bravo
 Jennifer Nuñez Chavarry
 Jesús Enrique Flores Soler
 Josebe Goirigolzarri Artaza
 Juan José González Ferrer
 Luis Borrego Bernabé
 M^a Jesús García Torrent
 María Herreros Gil
 María Sánchez Sánchez
 María Victoria Cañadas Godoy
 Marta Lourdes Casas de la Cal
 Mónica Lamuedra del Olmo
 Nicasio Pérez Castellano
 Penélope Saralegui Durán
 Ramón Bover Freire
 Ricardo Salgado Aranda
 Virginia Beatriz Cerrón Rodríguez



SELECTED PUBLICATIONS

GARCÍA QUINTANILLA, JORGE, Shpun, Shlomo, Jalife, Jose, FILGUEIRAS RAMA, DAVID. Novel approaches to mechanism-based atrial fibrillation ablation. *CARDIOVASCULAR RESEARCH*. 2021; 117 (7): 1662:1681. DOI: 10.1093/cvr/cvab108. FI: 10,787. (D1).

FILGUEIRAS RAMA, DAVID, Vasilijevic, Jasmina, Jalife, Jose, Noujaim, Sami F., Alfonso, Jose M., Nicolas-Avila, Jose A., Gutierrez, Celia, Zamarreno, Noelia, Hidalgo, Andres, Bernabe, Alejandro, Cop, Christopher Pablo, Ponce-Balbuena, Daniela, Guerrero-Serna, Guadalupe, Calle, Daniel, Desco, Manuel, Ruiz-Cabello, Jesus, NIETO SÁNCHEZ, ÁNGEL, Falcon, Ana . Human influenza A virus causes myocardial and cardiac-specific conduction system infections associated with early inflammation and premature death. *CARDIOVASCULAR RESEARCH*. 2021; 117 (3): 876:889. DOI: 10.1093/cvr/cvaa117. FI: 10,787. (D1).

SALGADO ARANDA, RICARDO, PÉREZ CASTELLANO, NICASIO, NÚÑEZ GIL, IVÁN JAVIER, Orozco, A. Josue, Torres-Esquivel, Norberto, Flores-Soler, Jesus, Chamaisse-Akari, Ahmed, McInerney, Angela, Vergara-Uzcategui, Carlos, ZHU NI, WANG, GONZÁLEZ FERRER, JUAN JOSÉ, FILGUEIRAS RAMA, DAVID, CAÑADAS GODOY, MARIA VICTORIA, Macaya-Miguel, Carlos, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN. Influence of Baseline Physical Activity as a Modifying Factor on COVID-19 Mortality: A Single-Center, Retrospective Study. *Infectious Diseases and Therapy*. 2021; 10 (2): 801:814. DOI: 10.1007/s40121-021-00418-6. FI: 5,322. (Q1).



DOCTORATE THESES

Doctoral candidate: Julián Palacios Rubio. Thesis title: Análisis Espectral de la Señal Auricular como predictor de persistencia de la fibrilación auricular (ASAP-FA). Director(s): David Filgueiras Rama, Julián Pérez-Villacastín, Carlos Macaya.

Doctoral candidate: Daniel Enríquez Vázquez. Thesis title: Caracterización ecocardiográfica de la actividad auricular eléctrica y mecánica de pacientes con fibrilación auricular paroxística y persistente, así como su valor predictivo en la cardioversión farmacológica (DTI-AF-PREDICT). Director(s): David Filgueiras Rama, Julián Pérez-Villacastín, Carlos Macaya.

Doctoral candidate: Andrés Redondo Rodríguez. Thesis title: Characterization of electrophysiological mechanisms underlying ventricular fibrillation through spatio-temporal and spectral analyses of electrical and optical cardiac potentials. Director(s): David Filgueiras Rama, Jorge G. Quintanilla.



NEW COMPETITIVE FUNDING

PI21/00838. Comunicación huésped- microbiota intestinal a través de vesículas extracelulares en el desarrollo y progresión de la insuficiencia cardíaca. Búsqueda de nuevos biomarcadores . PI: Colaborador: PÉREZ CASTELLANO, NICASIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI21/01435. Efectividad de una herramienta informática para adecuar el tratamiento anticoagulante en fibrilación auricular no valvular (FANTAS-TIC). PI: Colaborador: PÉREZ CASTELLANO, NICASIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

ECL.21/570. ESTUDIO CLÍNICO FUNDAMENTAL DE FASE 3, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL ESTIMULADOR DE LA GCS VERICIGUAT/MK-1242 EN ADULTOS CON INSUFICIENCIA CARDÍACA CRÓNICA CON FRACCIÓN DE EYECCIÓN REDUCIDA. PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

ECL.21/241. ESTUDIO MULTICÉNTRICO ESPAÑOL SOBRE LA PREVALENCIA, INCIDENCIA Y PRONÓSTICO DE HIPERPOTASEMIA EN PACIENTES CON INSUFICIENCIA CARDIACA Y FRACCIÓN DE EYECCIÓN REDUCIDA. HIPERK-IC STUDY: SPANISH MULTICENTRIC STUDY OF HYPERKALAEMIA PREVALENCE, INCIDENCE AND PROGNOSIS IN PATIENTS WITH HEART FAILURE AND REDUCED EJECTION FRACTION. PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

ECL.21/070. PROYECTO DE VIABILIDAD DEL USO EN HOSPITALES ESPAÑOLES DE ESTÁNDARES RECOMENDADOS PARA MEDIR RESULTADOS EN PACIENTES CON INSUFICIENCIA CARDÍACA (HF-OUTCOMES-SPAIN). PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

21/485-EC_P. Ablación paciente-específica de las regiones con alta jerarquía de activación en recurrencias de fibrilación auricular persistente tras ≥ 1 ablación de venas pulmonares (Estudio Hierarchy-AF). PI: FILGUEIRAS RAMA, DAVID.

ECL.21/353. COMPORTAMIENTO DE EDOXABÁN EN PACIENTES CON FIBRILACIÓN AURICULAR NO VALVULAR E INSUFICIENCIA CARDÍACA EN ESPAÑA - COMPORTAMIENTO DE EDOXABÁN EN FANV E IC. ESTUDIO EMAYIC. PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

TECHNOLOGY TRANSFER

Method for the identification of cardiac fibrillation drivers and/or the footprint of rotational activations using single optical or electrical signals without requiring panoramic simultaneous acquisition: Inventors: Jorge García Quintanilla; David Filgueiras Rama; Nicasio Pérez Castellano; Julián Pérez-Villacastín.



Predictive Biomedicine and Translational Research in Respiratory, Cardiovascular and Metabolic Diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

10

N° OF PAPERS JCR INDEXED

8

% OPEN ACCESS (N°)

50% (5)

CITABLE ITEMS

90% (9)

Q1 (CITABLE ITEMS)

11% (1)

CUMULATIVE IF

22,01

AVERAGE IF

3,14



OVERVIEW

The Cardiovascular Research Unit focuses on two main translational research lines: First, on the research of biomarkers of prognosis / diagnosis and drug response, on the signaling pathways associated with cardiovascular pathophysiology, and on the action of drugs used in the treatment of cardiovascular diseases. For this purpose, classical molecular biology techniques (Western blot, ELISA etc.), and 2DE proteomics and mass spectrometry are performed. The second research line focuses on the study of genetic alterations associated with sudden death in sports, primarily using genetic and epigenetic studies.

LEADING RESEARCHERS

Myriam Calle Rubio
 José Javier Zamorano León
 Antonio López Farré (Aug/21)

MEMBERS

Adrián Galiana Rodríguez-Barbero
 Ana López de Andrés
 Antonio Ignacio Martín Conejero
 Begoña Larrea Cruz
 Carlos Hugo Martínez Martínez
 Francisco Javier Serrano Hernando
 Gianna Vargas Centanaro
 Guillermo Moñux Ducajú
 Joaquín Poch Broto
 José Antonio Herrero Calvo
 José Luis Álvarez-Sala Walther
 Juan Luis Rodríguez Hermosa
 Khaoula Zekri
 M^a Cruz Iglesias Moreno
 Manuel Gómez Serrano
 Mercedes Klett Mingo
 Meritxell López Gallardo
 Natalia de las Heras Jiménez
 Rodrigo Jiménez García
 Sandra Ballesteros Rodrigálvarez
 Vicente Lahera Juliá

SELECTED PUBLICATIONS

MOÑUX DUCAJÚ, GUILLERMO, Serna-Soto, Mariano de la, Plá-Sanchez, Ferrán, ZAMORANO LEÓN, JOSÉ JAVIER, Segura, Antonio, Rial, Rodrigo, Freixer, Gala, Zekri-Nechar, Khaoula, Hugo-Martínez, Carlos, SERRANO GONZÁLEZ, JAVIER, LÓPEZ FARRÉ, ANTONIO. Compressive stocking attenuates the expression of proteins associated with vascular damage in human varicose veins. *JOURNAL OF VASCULAR SURGERY-VEIN AND LYMPHATIC DISORDERS*. 2021; 9 (2): 428:434. DOI: 10.1016/j.jvsv.2020.05.020. FI: 2,859. (Q2).

CALLE RUBIO, MYRIAM, RODRIGUEZ HERMOSA, JUAN LUIS, de Torres, Juan P., Marin, Jose Maria, Martinez-Gonzalez, Cristina, Fuster, Antonia, Cosío, Borja G., Peces-Barba, German, Solanes, Ingrid, Feu-Collado, Nuria, Lopez-Campos, Jose Luis, Casanova, Ciro, CHAIN Study Investigators . COPD Clinical Control: predictors and long-term follow-up of the CHAIN cohort. *RESPIRATORY RESEARCH*. 2021; 22 (1). DOI: 10.1186/s12931-021-01633-y. FI: 5,631. (Q1).

CALLE RUBIO, MYRIAM, RODRIGUEZ HERMOSA, JUAN LUIS, Miravittles, Marc, Luis Lopez-Campos, Jose. Knowledge of Chronic Obstructive Pulmonary Disease, Presence of Chronic Respiratory Symptoms and Use of Spirometry Among the Spanish Population: CONOCEPOC 2019 study. *ARCHIVOS DE BRONCONEUMOLOGIA*. 2021; 57 (12): 741:749. DOI: 10.1016/j.arbres.2020.07.036. FI: 4,872. (Q2).

DOCTORATE THESES

Doctoral candidate: Carlos Hugo Martínez Martínez. Thesis title: La aspirina modifica en los megacariocitos las propiedades pre-apoptóticas de las plaquetas de novo. Director(s): Antonio López Farré, José Javier Zamorano León. University: Universidad Complutense de Madrid.

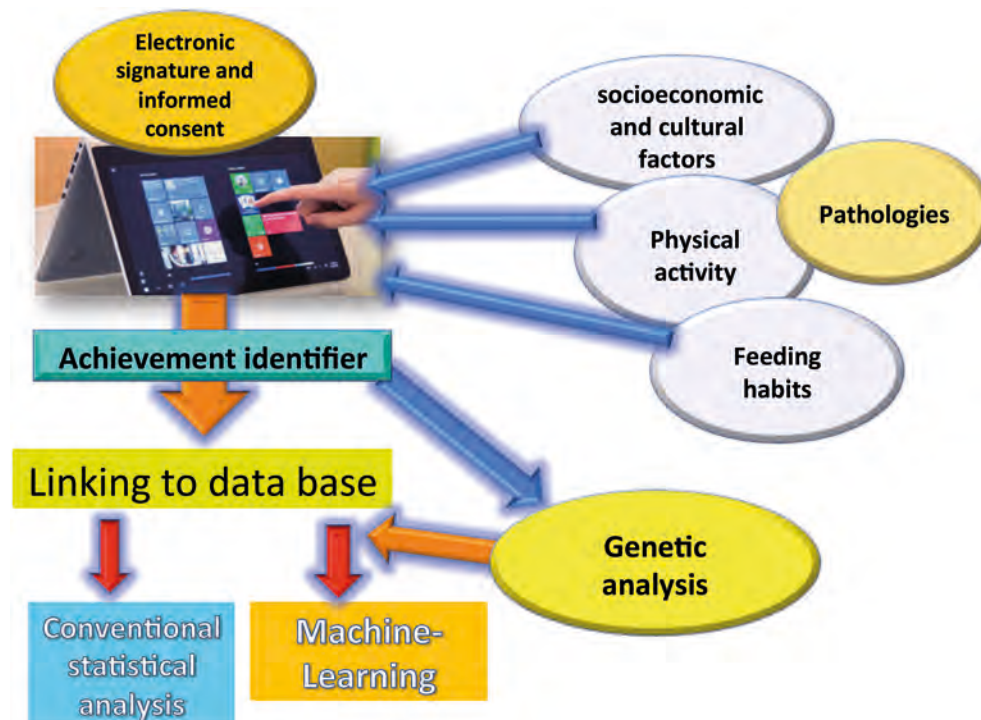
Doctoral candidate: Khaoula Zekri. Thesis title: Valoración e influencia a la adherencia a la dieta mediterránea por polimorfismos asociados a la nutrigenética y el ejercicio físico en una población sana de la Comunidad de Madrid. Director(s): Antonio López Farré, José Javier Zamorano León. University: Universidad Complutense de Madrid.

Doctoral candidate: Cristina Martínez Santos. Thesis title: Relación de polimorfismos genéticos asociados a la nutrición con el desarrollo de sobrepeso/obesidad. Director(s): Antonio López Farré, José Javier Zamorano León. University: Universidad Complutense de Madrid.

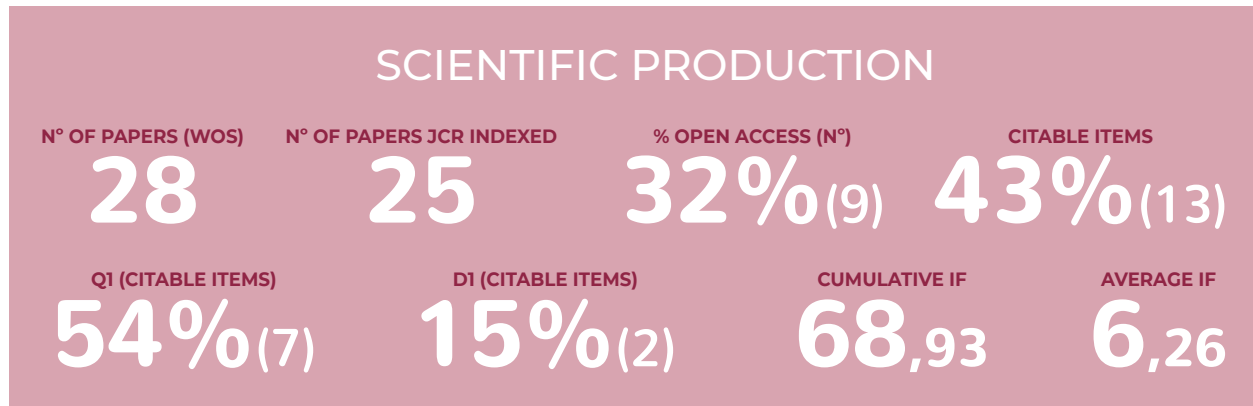
Doctoral candidate: Alicia Oliva Ramos Luis Puente Maestu. Thesis title: Sedación en broncoscopia flexible estudio del perfil de seguridad y eficacia en dos cohortes de trabajo: Neumología y Anestesiología. Director(s): Luis Álvarez-Sala Walther, José Javier García López. University: Universidad Complutense de Madrid.

CLINICAL PRACTICE GUIDELINES

Miravittles M, Calle M, Molina J, Almagro P, Gómez JT, Trigueros JA, et al.. Spanish COPD Guidelines (GesEPOC) 2021: Updated Pharmacological treatment of stable COPD. ELSEVIER. SEPAR.



Valvular Pathology and Large Vessels



LEADING RESEARCHER

Isidre Vilacosta

MEMBERS

Carmen Olmos Blanco
 Elisa Pérez- Cecilia Carrera
 Luis Carlos Maroto Castellanos
 Lourdes Montero Cruces



OVERVIEW

In 1996, a multicenter group (H. Clinical, H. H. U. of Valladolid and Princess) for the study of endocarditis was created. Since then, the group, together with the important contribution of the Clinical Microbiology Service and Cardiac Surgery, manages a database including 900 patients suffering from this serious infectious valvular disease. Numerous publications in national and international journals, as well as a FIS grant to further study this disease, have resulted from this collaboration and hard work: The ENDOVAL project. In this area we are specifically investigating the following aspects: the diagnostic yield of echocardiography, factors of poor prognosis of the disease, and the adequacy of surgery among others.

The group also works together with the Cardiac Surgery Service, and is pioneer on the acute aortic syndrome and the ascending aortic aneurysms. Upon definition of these features by the group in 2001, the different elements that conform the acute aortic pathology are known as the acute aortic syndrome (AAS).



SELECTED PUBLICATIONS

VILACOSTA, ISIDRE, Roman, J. Alberto San, di Bartolomeo, Roberto, Eagle, Kim, Estrera, Anthony L., FERRERA DURAN, CARLOS FELIPE, Kaji, Shuichiro, Nienaber, Christoph A., Rimbau, Vicenc, Schafers, Hans-Joachim, Serrano, Francisco J., Song, Jae-Kwan, MAROTO CASTELLANOS, LUIS CARLOS. Acute Aortic Syndrome Revisited JACC State-of-the-Art Review. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2021; 78 (21): 2106:2125. DOI: 10.1016/j.jacc.2021.09.022. FI: 24,094. (D1).

Perez-Garcia, Carlos Nicolas, Enriquez-Vazquez, Daniel, MENDEZ BAILON, MANUEL, OLMOS BLANCO, CARMEN, GOMEZ POLO, JUAN CARLOS, Iguaran, Rosario, Ramos-Lopez, Noemi, Garcia-Klepzig, Jose Luis, Ferrandez-Escarabajal, Marcos, Jeronimo, Adrian, Martinez-Gomez, Eduardo, Font-Urgelles, Judit, Fragiél-Saavedra, Marcos, Paz-Arias, Pilar, Romero-Delgado, Teresa, Gomez-Alvarez, Zaira, Playan-Escribano, Julia, Jaen, Esther, Vargas, Gianna, Gonzalez, Elizabeth, ORVIZ GARCÍA, EVA, Burruezo, Irene, Calvo, Alberto, NIETO SÁNCHEZ, ÁNGEL, Molino, Angel, Lorenzo-Villalba, Noel, Andres, Emmanuel, MACAYA MIGUEL, CARLOS, VILACOSTA, ISIDRE. The SADDEN DEATH Study: Results from a Pilot Study in Non-ICU COVID-19 Spanish Patients. Journal of Clinical Medicine. 2021; 10 (4). DOI: 10.3390/jcm10040825. FI: 4,241. (Q1).

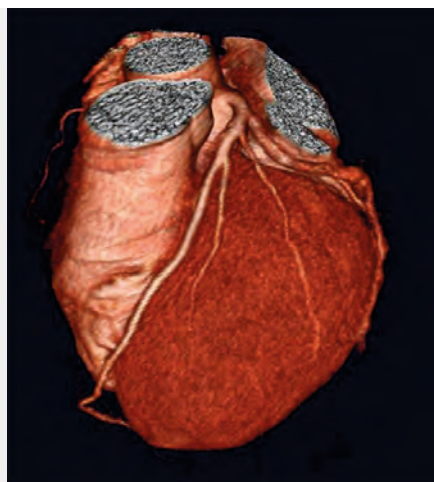
Perez-Garcia, Carlos Nicolas, Ramos-Lopez, Noemi, Fragiél-Saavedra, Marcos, Ortega, Aida, BUSTOS GARCIA DE CASTRO, ANA, Font-Urgelles, Judit, Real, Carlos, VIVAS BALCONES, LUIS DAVID, FERRERA DURAN, CARLOS FELIPE, VILACOSTA, ISIDRE. Takayasu ' s Disease Presenting as a Hypertensive Urgency. CIRCULATION-CARDIOVASCULAR IMAGING. 2021; 14 (4): 355:357. DOI: 10.1161/CIRCIMAGING.120.011827. FI: 0. (D1).

NEW COMPETITIVE FUNDING

ECL.21/211. PRIMER ESTUDIO CLÍNICO EN HUMANOS PARA EL TRATAMIENTO DE LA INSUFICIENCIA MITRAL GRAVE CON EL SISTEMA TRANSCATETERIANO DE VÁLVULA MITRAL EPYGON™ - (MINERVA FIH). PI: MAROTO CASTELLANOS, LUIS CARLOS.

INT21/00049. Contratos para la intensificación de la actividad investigadora del SNS: David Fraguas. PI: OLMOS BLANCO, CARMEN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

INT21/00048. Contratos para la intensificación de la actividad investigadora del SNS: Carmen Olmos. PI: CARMEN OLMOS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.



Translational Research in Acute Myocardial Syndromes (INTEGRA)

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
84	79	56% (47)	64% (54)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
28% (15)	13% (7)	297,20	5,82



OVERVIEW

The group is formed by cardiologists (Antonio Fernández-Ortiz, Iván Núñez-Gil, David Vivas, Ana Viana, Javier Nogueira and Javier Higuera) and biologists (Esther Bernardo). Health care work is integrated into the Coronary Care Unit, the hospital facility and the hemodynamic rooms. The group has common research facilities at the Cardiovascular Institute. Over the last years, the group has focused on the study of platelet/leucocyte reactivity in patients with ischemic heart disease. Clinical aspects of transient apical dyskinesia have also been studied, and a research line on the ischemia-reperfusion myocardial injury has been opened in close collaboration with CNIC. Relevant publications in the last 5 years include 3 articles in JACC, 2 in Diabetes, 2 in Heart, 3 in the AJC, and 5 in REC. The group is involved in numerous multicenter clinical trials and has competitive funding from official calls (FIS, FICI, CNIC, SEC, MM).

LEADING RESEARCHER

Antonio Ignacio Fernández Ortiz

MEMBERS

- Alejandro Velando Crespo
- Ana Viana Tejedor
- Carlos Felipe Ferrera Duran
- Francisco Javier Noriega Sanz
- Iván Javier Núñez Gil
- Javier Higuera Nafria
- Juan Carlos Ruiz Santiago
- Luis David Vivas Balcones
- María Esther Bernardo García
- Monica Pérez Serrano
- Silvia Mera González
- Verónica Álvarez Morales

SELECTED PUBLICATIONS

Bertsimas, Dimitris, Borenstein, Alison, Mingardi, Luca, Nohadani, Omid, Orfanoudaki, Agni, Stellato, Bartolomeo, Wiberg, Holly, Sarin, Pankaj, Varelmann, Dirk J., ESTRADA PÉREZ, VICENTE, MACAYA MIGUEL, CARLOS, NÚÑEZ GIL, IVÁN JAVIER. Personalized prescription of ACEI/ ARBs for hypertensive COVID-19 patients. HEALTH CARE MANAGEMENT SCIENCE. 2021; 24 (2): 339:355. DOI: 10.1007/s10729-021-09545-5. FI: 2,893. (Q2).

Castro-Conde, Almudena, Abeytua, Manuel, Arrarte Esteban, Vicente, Caravaca Perez, Pedro, Dalmau Gonzalez-Gallarza, Regina, Garza Benito, Fernando, Hidalgo Urbano, Rafael J., Torres Marques, Joan, Vidal-Perez, Rafael, NÚÑEZ GIL, IVÁN JAVIER. Feasibility and results of an intensive cardiac rehabilitation program. Insights from the MxM (Mas por Menos) randomized trial. REVISTA ESPANOLA DE CARDIOLOGIA. 2021; 74 (6): 518:525. DOI: 10.1016/j.recesp.2020.03.017. FI: 4,753. (Q2).

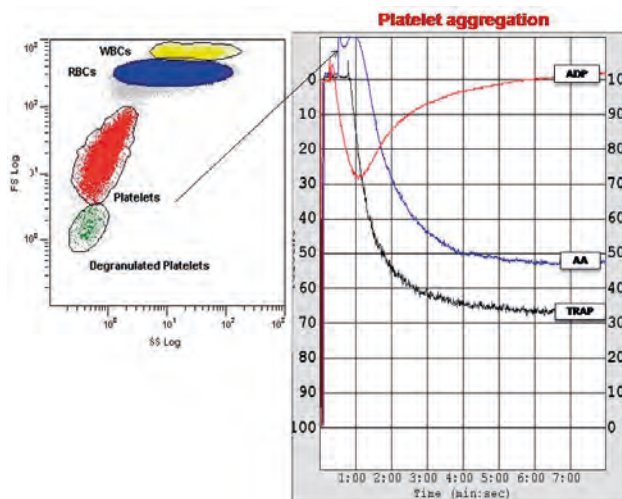
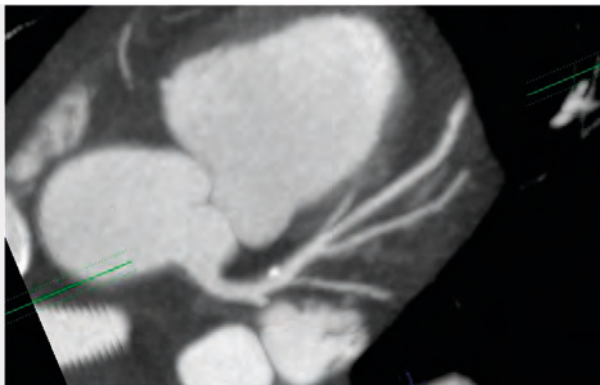
Luque, Tania, NORIEGA SANZ, FRANCISCO JAVIER, McInerney, Angela, Travieso, Alejandro, Corrochano, Daniel, TIRADO CONTE, GABRIELA, FERRERA DURAN, CARLOS FELIPE, Fossati, Salvador, JIMÉNEZ QUEVEDO, PILAR, NÚÑEZ GIL, IVÁN JAVIER, GONZALO LÓPEZ, MARIA NIEVES, ESCANED BARBOSA, JAVIER, MACAYA MIGUEL, CARLOS, FERNÁNDEZ ORTIZ, ANTONIO IGNACIO, NOMBELA FRANCO, LUIS, VIANA TEJEDOR, ANA. Impact of delirium in acute cardiac care unit after transcatheter aortic valve replacement. INTERNATIONAL JOURNAL OF CARDIOLOGY. 2021; 330 (1): 164:170. DOI: 10.1016/j.ijcard.2021.01.053. FI: 4,164. (Q2).

AWARDS

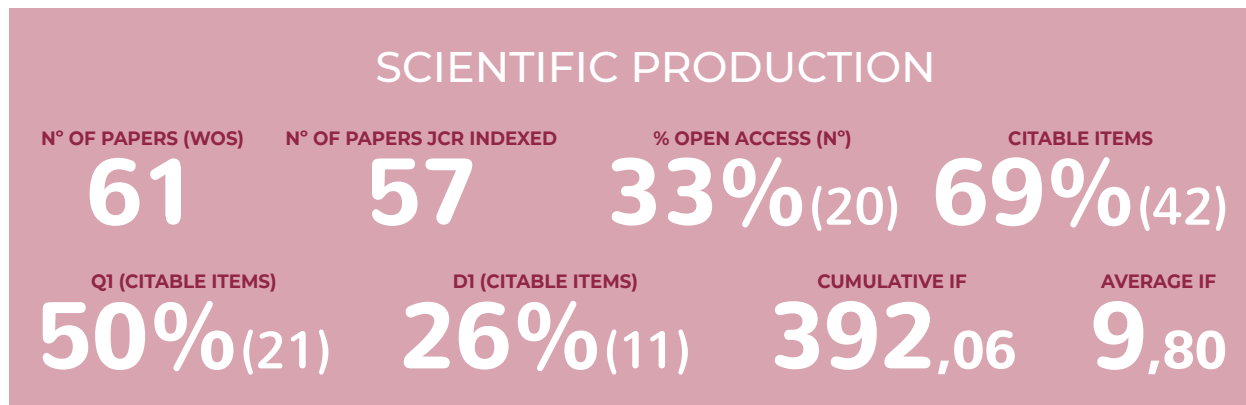
Researcher aware: Ivan Javier Nuñez Gil. Winning work: Clinical profile and Predictors of In-Hospital Mortality Among Older Patients Hospitalised for Covid-19. Award: RAMAO (Real Academia de Medicina y Cirugia de Anadaluca Oriental).

NEW NON COMPETITIVE FUNDING

Estudio Observacional. Registro de producto sanitario. GRS DEFINE. PI: NÚÑEZ GIL, IVÁN JAVIER. Funding Organisation: Medtronic Bakken Research Center.



Myocardial Regeneration Therapy



OVERVIEW

The advanced therapies for cardiac regeneration and structural heart disease group at Hospital San Carlos consists of both cardiologists and cell biologists (4 professionals in total). The team aims to accomplish clinical and translational research in advanced cardiac pathologies. The members of this group are experts in the procurement, isolation, and the administration of intra cardiac stem cells in patients without other therapeutic options. The group also specializes in the new percutaneous intracardiac devices for the treatment of valvular heart disease or heart failure. The ultimate goal is to improve both the symptomatology and the prognosis of patients with high morbidity and mortality rates. The members of the group are experts in cell therapies, the percutaneous treatment of valvular heart disease and have broad experience in development of randomized clinical trials.

LEADING RESEARCHER

Pilar Jiménez Quevedo

MEMBERS

- Luis Nombela Franco
- María Aranzazu Ortega Pozzi
- María Del Trigo Espinosa



SELECTED PUBLICATIONS

Brugaletta, Salvatore , Gomez-Lara, Josep , Ortega-Paz, Luis , Jimenez-Diaz, Victor , Jimenez, Marcelo , JIMÉNEZ QUEVEDO, PILAR, Diletti, Roberto , Mainar, Vicente , Campo, Gianluca , Silvestro, Antonio , Maristany, Jaume , Flores, Xacobe , Oyarzabal, Loreto , De Miguel-Castro, Antonio , Iniguez, Andres , Serra, Antonio , NOMBELA FRANCO, LUIS, Ielasi, Alfonso , Tespili, Maurizio , Lenzen, Mattie , GONZALO LÓPEZ, MARIA NIEVES, Bordes, Pascual , Tebaldi, Matteo , Biscaglia, Simone , Rodriguez-Arias, Juan Jose , Al-Shaibani, Soheil , Arevalos, Victor , Romaguera, Rafael , Gomez-Hospital, Joan Antoni , Serruys, Patrick W. , SABATE TENAS, MANEL. 10-Year Follow-Up of Patients With Everolimus-Eluting Versus Bare-Metal Stents After ST-Segment Elevation Myocardial Infarction. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2021; 77(9): 1165-1178. DOI: 10.1016/j.jacc.2020.12.059. FI: 24,094. (D1).

McInerney, Angela, TIRADO CONTE, GABRIELA, Rodes-Cabau, Josep, Campelo-Parada, Francisco, Tafur Soto, Jose D., Barbanti, Marco, Munoz-Garcia, Erika, Arif, Mobeena, Lopez, Diego, Toggweiler, Stefan, Veiga, Gabriela, Pylko, Anna, Sevilla, Teresa, Compagnone, Miriam, REGUEIRO GONZÁLEZ-BARROS, JOSÉ RAMÓN, Serra, Vicent, CARNERO ALCAZAR, MANUEL, Oteo, Juan F., Rivero, Fernando, Barbosa Ribeiro, Henrique, Guimaraes, Leonardo, Matta, Anthony, Giraldo Echavarría, Natalia, Valvo, Roberto, Moccetti, Federico, Munoz-Garcia, Antonio J., Lopez-Pais, Javier, Garcia del Blanco, Bruno, Campanha Borges, Diego Carter, Dumont, Eric, GONZALO LÓPEZ, MARIA NIEVES, Criscione, Enrico, Dabrowski, Maciej, ALFONSO MANTEROLA, FERNANDO, de la Torre Hernandez, Jose M., Cheema, Asim N., Amat-Santos, Ignacio J., Saia, Francesco, ESCANED BARBOSA, JAVIER, NOMBELA FRANCO, LUIS. Impact of Morbid Obesity and Obesity Phenotype on Outcomes After Transcatheter Aortic Valve Replacement. JOURNAL OF THE AMERICAN HEART ASSOCIATION. 2021; 10 (12):. DOI: 10.1161/JAHA.120.019051. FI: 5,501. (Q1).

Stefanini, Giulio G. , CERRATO MERA, CRISTINA, Pivato, Carlo Andrea , Joner, Michael , Testa, Luca , Rheude, Tobias , Pilgrim, Thomas , Pavani, Marco , Brouwer, Jorn , Lopez Otero, Diego , Garcia, Erika Munoz , Barbanti, Marco , Biasco, Luigi , Varbella, Ferdinando , Reimers, Bernhard , Jimenez Diaz, Victor Alfonso , Leoncini, Massimo , Tahoces, Maria Luisa Salido , Ielasi, Alfonso , Torre Hernandez, Jose M. de la , Mylotte, Darren , Garot, Philippe , Chieffo, Alaide , NOMBELA FRANCO, LUIS, REVIVAL Investigators . Unplanned Percutaneous Coronary Revascularization After TAVR A Multicenter International Registry. JACC-CARDIOVASCULAR INTERVENTIONS. 2021; 14(2): 198-207. DOI: 10.1016/j.jcin.2020.10.031. FI: 11,195. (D1).

CLINICAL PRACTICE GUIDELINES

SEC Working Group for the 2020 ESC Guidelines for the Management of Acute Coronary Syndromes in Patients Presenting Without Persistent ST-segment Elevation; Expert Reviewers for the 2020 ESC Guidelines for the Management of Acute Coronary Syndromes in Patients Presenting Without Persistent ST-segment Elevation, SEC Guidelines Committee. Electronic address: asambola@vhebron.net; SEC Working Group for the 2020 ESC guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation; Expert reviewers for the 2020 ESC guidelines for the management of acute coronary syndromes in patients presenting without persistent ST segment elevation; SEC Guidelines Committee. Comments on the 2020 ESC guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation. Rev Esp Cardiol (Engl Ed). 2021 Jun;74(6):482-487. SEC Working Group for the 2020.

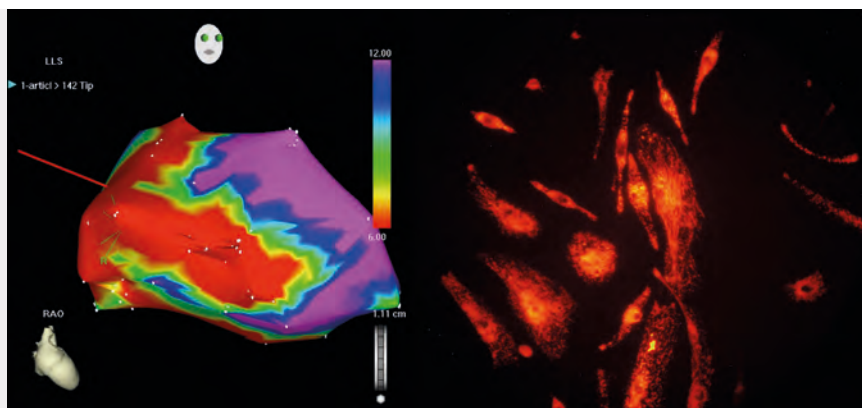
NEW COMPETITIVE FUNDING

CM21/00091. RRHH Río Hortega: Gabriela Tirado. PI: NOMBELA FRANCO, LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

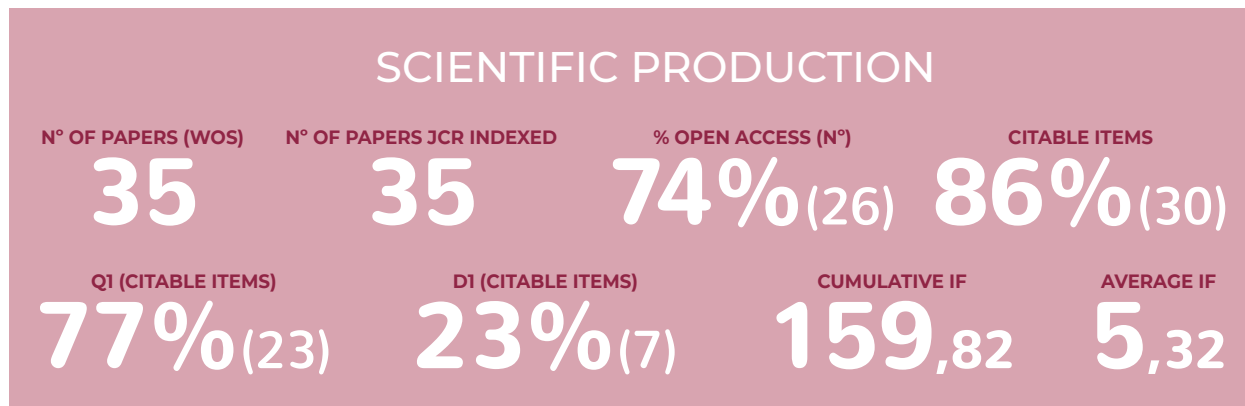
NEW NON COMPETITIVE FUNDING

ECL.21/032. DAPAGLIFLOZINA DESPUÉS DEL IMPLANTE DE PRÓTESIS VALVULAR AÓRTICA PERCUTÁNEA (DAPATAVI). PI: NOMBELA FRANCO, LUIS. Funding Organisation: SOCIEDAD ESPAÑOLA DE CARDIOLOGÍA.

ECL.21/273. INVESTIGACIÓN CLÍNICA VANTAGE: EVALUACIÓN DE TAVR UTILIZANDO LA VÁLVULA NAVITOR EN UNA INVESTIGACIÓN GLOBAL. Evaluation of TAVR using the NAVITOR valve in a Global Investigation. PI: NOMBELA FRANCO, LUIS.



Cardiovascular Risk



OVERVIEW

The group has always focused on clinical and experimental research in the area of Cardiovascular Prevention, it started off using health care techniques for the evaluation, diagnosis and monitoring of major risk factors, such as hypertension, diabetes, dyslipidemia and obesity. A large number of researchers have been trained in our laboratory, and 30 doctoral theses have been concluded. Today, some of the doctorates occupy important positions in hospitals, universities and private companies.

LEADING RESEARCHERS

Nieves Martell Claros
Dulcenombre Gómez Garre

MEMBERS

Adriana Ortega Hernández
Angel Manuel Molino González
Ángel Nieto Sánchez
Arantzazu Álvarez De Arcaya Vicente
Aránzazu Barbero Pedraz
Arturo Corbatón Anchuelo
Javier Marco Martínez
Javier Modrego Martín
Jose María Pedrajas Navas
Leonardo Félix Reinares García
Manuel Mendez Bailón
María Abad Cardiel
Matilde Rodríguez Cerrillo
Rubén Gómez-Gordo Díaz
Victoria Laguna Calle

SELECTED PUBLICATIONS

NIETO SÁNCHEZ, ÁNGEL, Mazon, Angel, NIETO CABRERA, MERCEDES, Calderon, Rafael, Calaforra, Susana, Selva, Blanca, Uixera, Sonia, Jose Palao, Maria, Brandi, Paola, Conejero, Laura, Saz-Leal, Paula, FERNÁNDEZ PÉREZ, CRISTINA, Sancho, David, Luis Subiza, Jose, Casanovas, Miguel. Bacterial Mucosal Immunotherapy with MV130 Prevents Recurrent Wheezing in Children A Randomized, Double-Blind, Placebo-controlled Clinical Trial. AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE. 2021; 204 (4): 462:472. DOI: 10.1164/rccm.202003-0520OC. FI: 21,405. (D1).

Marco-Martinez, Javier, Bernal-Sobrino, Jose Luis, FERNÁNDEZ PÉREZ, CRISTINA, Eloia-Somoza, Francisco Javier, Azana-Gomez, Javier, Garcia-Klepizg, Jose Luis, Andres, Emmanuel, Zapatero-Gaviria, Antonio, Barba-Martin, Raquel, MARCO MARTÍNEZ, FERNANDO, Canora-Lebrato, Jesus, Lorenzo-Villalba, Noel, MENDEZ BAILON, MANUEL. Impact of Heart Failure on In-Hospital Outcomes after Surgical Femoral Neck Fracture Treatment. Journal of Clinical Medicine. 2021; 10 (5). DOI: 10.3390/jcm10050969. FI: 4,241. (Q1).

MENDEZ BAILON, MANUEL, JIMÉNEZ GARCÍA, RODRIGO, Munoz-Rivas, Nuria, Hernandez-Barrera, Valentin, de Miguel-Yanes, Jose Maria, de Miguel-Diez, Javier, Andres, Emmanuel, Lorenzo-Villalba, Noel, LOPEZ DE ANDRES, ANA. Trends and Clinical Impact of Gastrointestinal Endoscopic Procedures on Acute Heart Failure in Spain (2002-2017). Journal of Clinical Medicine. 2021; 10 (3). DOI: 10.3390/jcm10030546. FI: 4,241. (Q1).

NEW COMPETITIVE FUNDING

PI21/00838. Comunicación huésped-microbiota intestinal a través de vesículas extracelulares en el desarrollo y progresión de la insuficiencia cardíaca. Búsqueda de nuevos biomarcadores. PI: GÓMEZ GARRE, DULCENOMBRE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

ECL21/146. An Observational, Non-interventional Study in Hyperlipidaemic Patients on Lipid Lowering Therapy (OSTRO) Estudio observacional y no intervencionista en pacientes hiperlipidémicos que reciben tratamiento hipolipemiante (OSTRO). PI: REINARES GARCÍA, LEONARDO FÉLIX. Funding Organisation: ASTRAZENCA FARMACEUTICA SPAIN S.A.

TECHNOLOGY TRANSFER

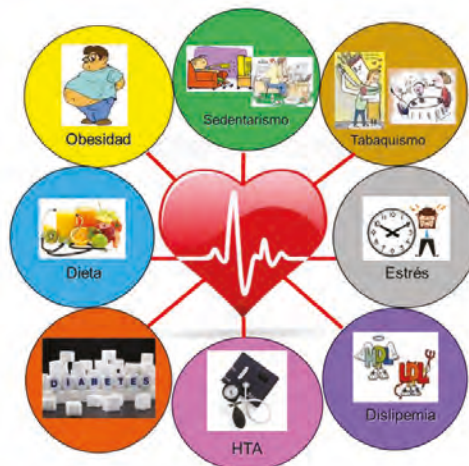
Spanish patent: Composición farmacéutica para el tratamiento de enfermedades cardiovasculares: Inventores: María Dulcnombre; Gómez Garre.

MOBILITY OF RESEARCHER

Research mobility: Javier Modrego Martín. Country: España. Center: CNIC. Date of departure: 11/01/2021. Return date: 31/03/2021.

VISITING RESEARCHER

Visiting researcher: Sofía Elena Tesolato. Country of origin: Spain. Centre of origin: Universidad Complutense de Madrid. Project: Relación microbiota intestinal y cáncer de colon. 2021.





**INFLAMMATION,
INFECTION, IMMUNITY
AND ALLERGY**

IIIA

GROUPS

IIIA.1	Allergy
IIIA.2	Genetics and molecular bases of complex diseases
IIIA.3	Musculoskeletal Pathology
IIIA.7	Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest
IIIA.8	Kidney Diseases and Renal Function Replacement Therapy (Dialysis and Transplantation)
IIIA.9	Infectious Diseases/HIV
IIIA.10	Research on INA Infectious Disease
IIIA.11	Cell-biomaterial Interactions (BIO UCM)
IIIA.12	Immunology
IIIA.13	Organ and tissue on chip group and In-Vitro detection



RED 2018-102768-T
MEPICS: Circuitos fotónicos integrados de membrana

ANNUAL GOALS

Promote communication between groups in the area



Increase the Q1 % of the publications in the scientific area



Matching group resources to shared research needs



Promote participation in networks and alliances

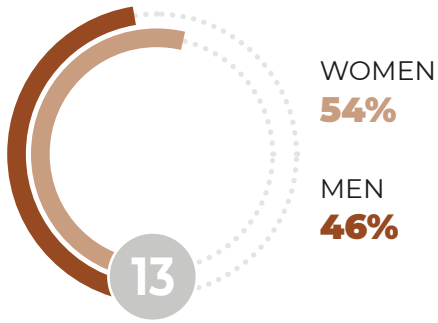


Promoting participation in HR calls for proposals

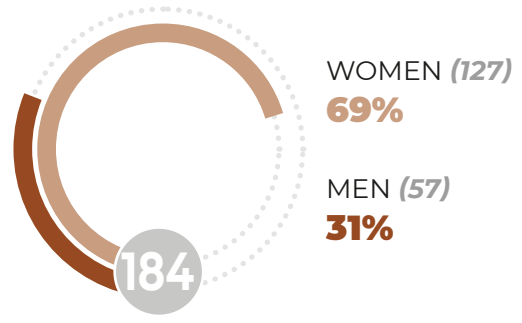




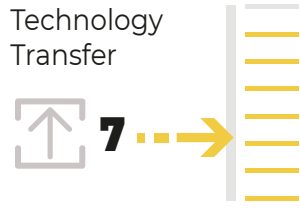
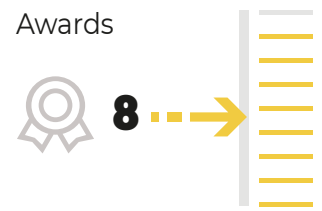
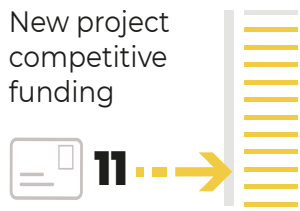
GROUP LEAD RESEARCHERS



ACCUMULATED TOTAL PROFESSIONALS IN THE AREA



ACTIVITY



SCIENTIFIC PRODUCTION



N° of Papers (WoS)

% OA: ● 60,83

240

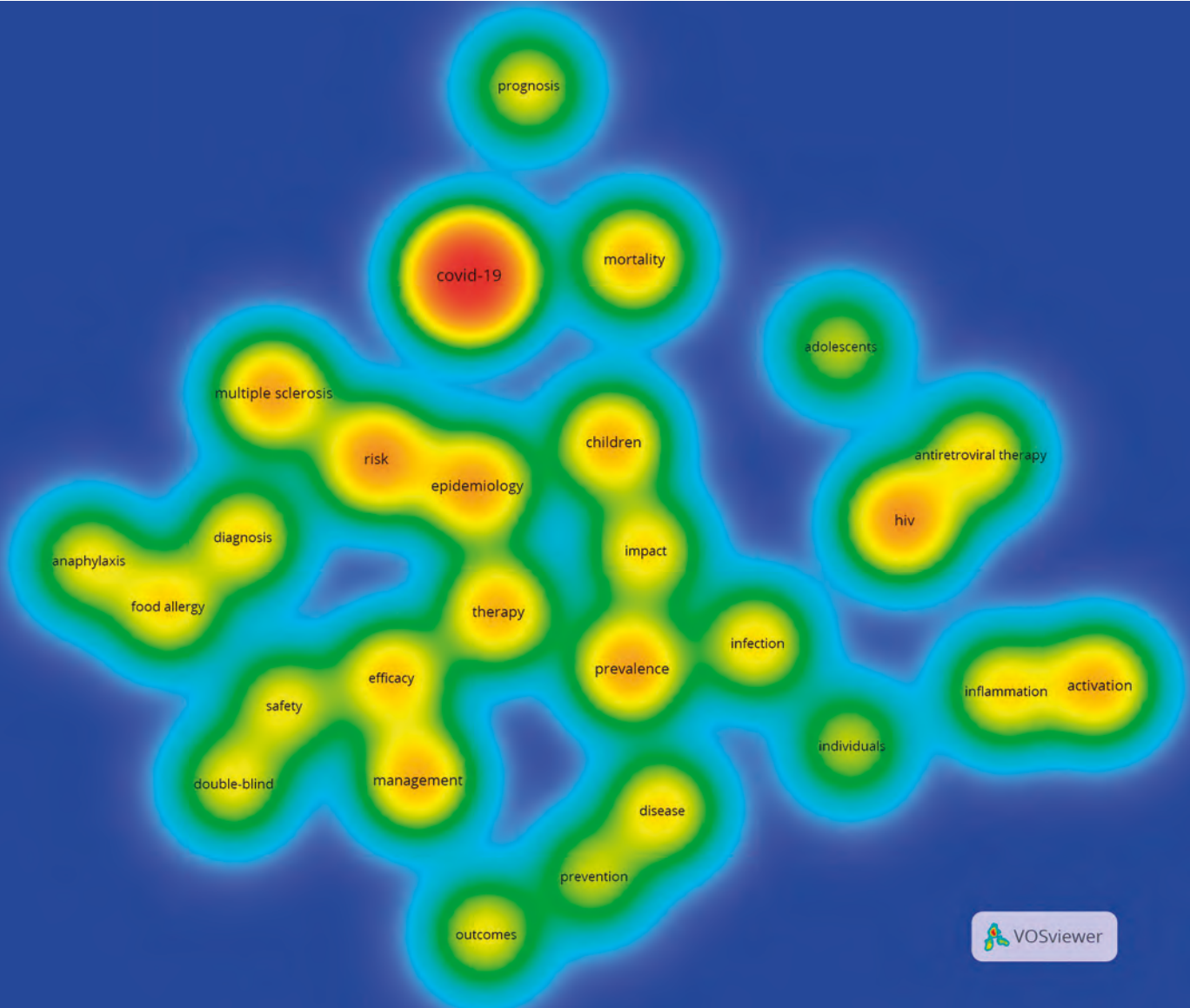
N° of Citable Items

% QI: ● 52,91

172

% DI: ● 19,77

Keywords (> 5 frequency)





Top 5: Journals with the highest publication rate

During 2021, the Inflammation, Infection, Immunity and Allergy area`s researchers have published in a total of 131 different journals. The top 5 journals where they publish the most are shown below. It represents the 22.5% of the scientific production of this area. Four of these journals are in the first quartile of the JCR 2021 for their thematic category. Two journals are in the Top 5 in their WoS category

JOURNAL	Nº OF PAPERS (WoS)	TIMES CITED	AVERAGE PER ITEM	QUARTIL 2021	WOS CATEGORY	ARTICLE INFLUENCE SCORE 2021	JOURNAL CITATION INDICATOR 2021	IF (WITHOUT SELF CITATIONS) 2021
MULTIPLE SCLEROSIS JOURNAL	16	1	0,06	Q1 (40/212)	CLINICAL NEUROLOGY	1.569	1.31	5.462
ALLERGY	13	74	5,69	Q1 (1/27)	ALLERGY	2.542	2.16	12.672
HIV MEDICINE	10	0	0,00	Q3 (68/123)	INFECTIOUS DISEASES	1.101	0.58	2.842
EUROPEAN JOURNAL OF NEUROLOGY	8	40	5,00	Q1 (33/212)	CLINICAL NEUROLOGY	1.641	1.29	6.023
ANNALS OF THE RHEUMATIC DISEASES	7	5	0,71	Q1(3/34)	RHEUMATOLOGY	5.544	4.33	25.604
Total	54	120	11,47					

Selected 5 publications

Ashammakhi, Nureddin , Lopez Hernandez, Ana , Unluturk, Bige Deniz , QUINTERO MORENO, SERGIO ANDRÉS, de Barros, Natan Roberto , Apu, Ehsanul Hoque , Bin Shams, Abdullah , Ostrovidov, Serge , Li, Jinxing , Contag, Christopher , Gomes, Antoinette S. , HORGADO BOLAÑOS, MIGUEL. Biodegradable Implantable Sensors: Materials Design, Fabrication, and Applications. ADVANCED FUNCTIONAL MATERIALS. 2021; 31 (49). DOI: 10.1002/adfm.202104149. FI: 18,808. (D1).

Murillo, A. M. M. , TOME AMAT, JAIME, Ramirez, Y. , Garrido-Arandia, M. , Valle, L. G. , Hernandez-Ramirez, G. , Tramarin, L. , HERREROS PÉREZ, PEDRO, Santamaria, B. , Diaz-Perales, A. , HORGADO BOLAÑOS, MIGUEL. Developing an Optical Interferometric Detection Method based biosensor for detecting specific SARS-CoV-2 immunoglobulins in Serum and Saliva, and their corresponding ELISA correlation. SENSORS AND ACTUATORS B-CHEMICAL. 2021; 345. DOI: 10.1016/j.snb.2021.130394. FI: 7,46. (D1).

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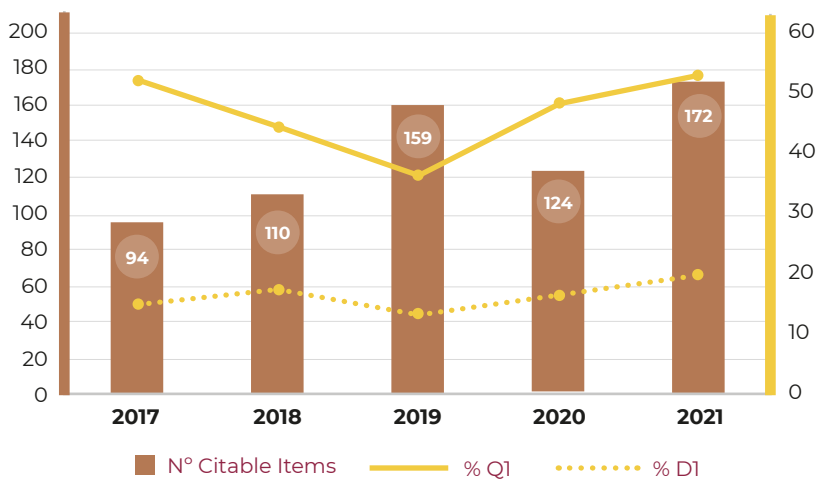
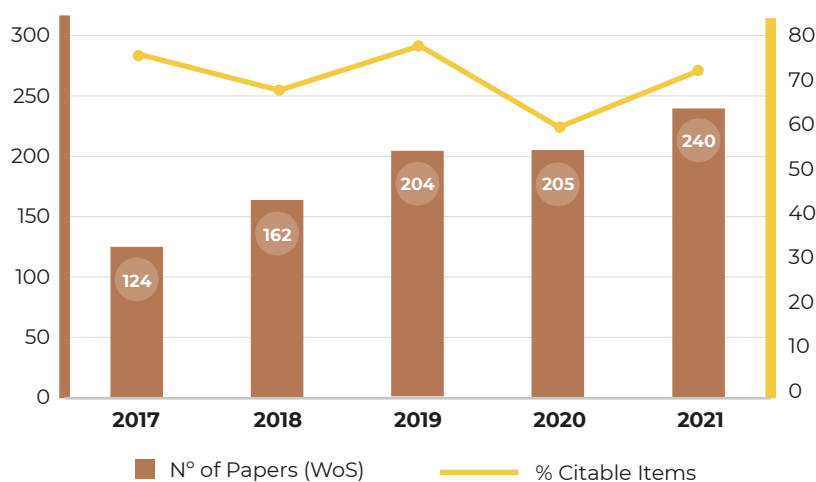
LOPEZ GONZALEZ, LAURA, Becerra-Tomas, Nerea , Babio, Nancy , Angel Martinez-Gonzalez, Miguel , Diaz-Lopez, Andres , Corella, Dolores , Goday, Albert , Romaguera, Dora , Vioque, Jesus , Alonso-Gomez, Angel M. , Warnberg, Julia , Alfredo Martinez, J. , Serra-Majem, Luis , Estruch, Ramon , Tinahones, Francisco , Lapetra, Jose , Pinto, Xavier , Tur, Josep A. , Lopez-Miranda, Jose , Bueno-Cavanillas, Aurora , Delgado-Rodriguez, Miguel , MATÍA MARTÍN, MARÍA PILAR, Daimiel, Lidia , Alvarez-Alvarez, Laura , Vidal, Josep , Vazquez, Clotilde , Ros, Emilio , Vazquez-Ruiz, Zenaida , Canudas, Silvia , Fernandez-Carrion, Rebeca , Casaner, Olga , Angeles Zulet, M. , Tojal Sierra, Lucas , Ajejas Bazan, Maria Julia , Lopez Garcia, Carmen M. , Martin, Marian , Garcia-Rios, Antonio , Casas, Rosa , Gomez-Perez, Ana M. , Manuel Santos-Lozano, Jose , Goni, Estibaliz , Guillem-Saiz, Patricia , Lassale, Camile , Abete, Itziar , Salaverria Lete, Itziar , Eguaras, Sonia , Schroder, Helmut , Salas-Salvado, Jordi , PREDIMED-Plus Investigators . Variety in fruits and vegetables, diet quality and lifestyle in an older adult mediterranean population. CLINICAL NUTRITION. 2021; 40 (4): 1510:1518. DOI: 10.1016/j.clnu.2021.02.024. FI: 7,324. (D1).

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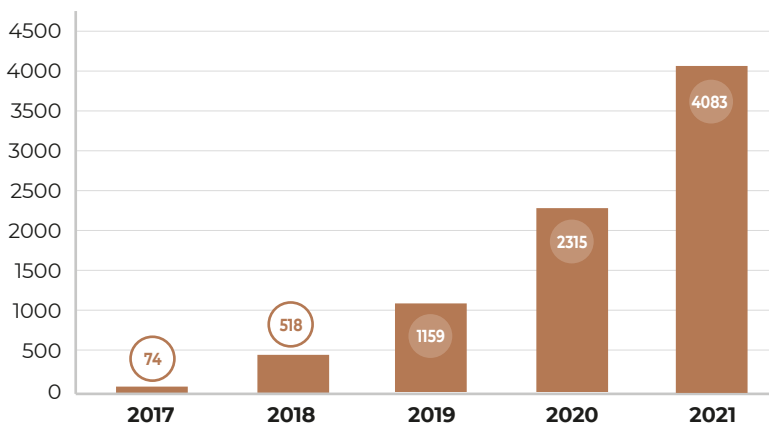
SCIENTIFIC PRODUCTION (2017-2021)



935	←... N° of papers WoS
659	←... N° citable items
52	←... % of papers OA
9.959	←... Times Cited
8.340	←... Citing Articles
10,65	←... Average per item (Total papers WoS)
1422,71	←... Average per year (Total papers WoS)
3,58	←... % Self-citations (Total papers WoS)
43	←... h index
46,76	←... % Q1 (Total citable items)
16,25	←... % D1 (Total citable items)



Times cited by year

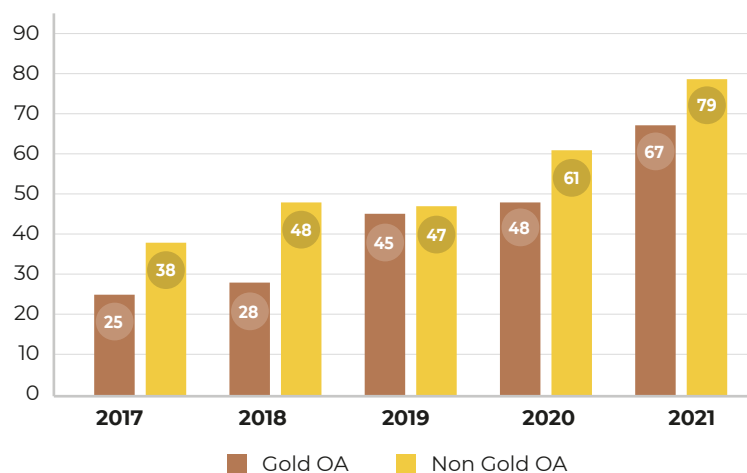


*WoS download 13.07.2022

Top 5 most cited papers

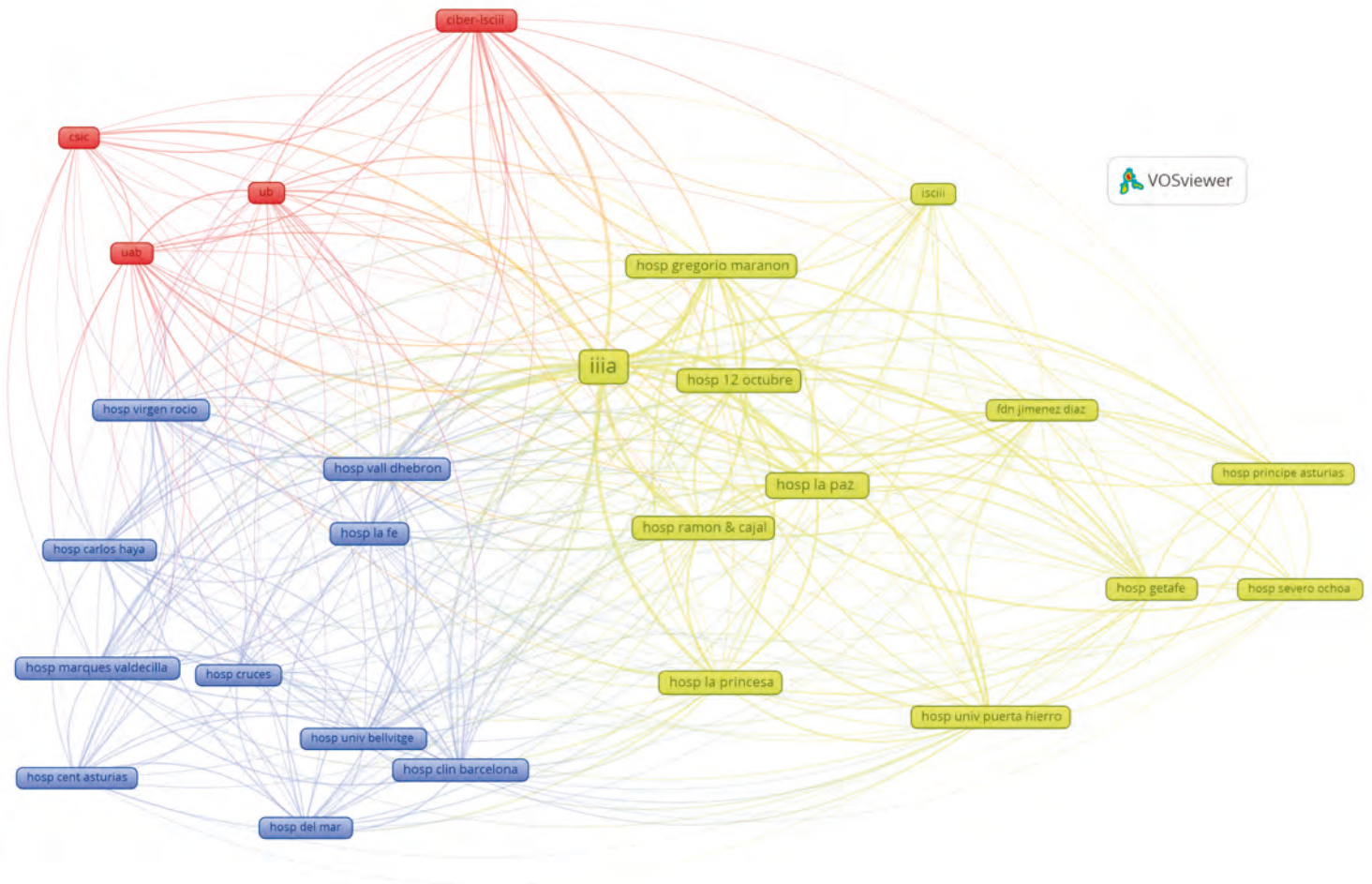
TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE	IF	OA TYPE
Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study	LANCET	918	2020	Q1(2/167)	MEDICINE, GENERAL & INTERNAL	29.073	79.323	Non Gold OA
Risk of HIV transmission through condomless sex in serodifferent gay couples with the HIV-positive partner taking suppressive antiretroviral therapy (PARTNER): final results of a multicentre, prospective, observational study	LANCET	361	2019	Q1(2/165)	MEDICINE, GENERAL & INTERNAL	23.329	60.390	Non Gold OA
EAACI Guidelines on Allergen Immunotherapy: Allergic rhinoconjunctivitis	ALLERGY	279	2018	Q1(4/27)	ALLERGY	1.884	6.771	Non Gold OA
EAACI Guidelines on allergen immunotherapy: IgE-mediated food allergy	ALLERGY	240	2018	Q1(4/27)	ALLERGY	1.884	6.771	Non Gold OA
Allergen immunotherapy for IgE-mediated food allergy: a systematic review and meta-analysis	ALLERGY	231	2017	Q1(4/27)	ALLERGY	1.938	6.048	Non Gold OA

Open Access





Scientific Collaboration by center (> 30 papers)



Allergy

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
27	27	74% (20)	67% (18)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
78% (14)	50% (9)	168,06	9,33



LEADING RESEARCHER

María Montserrat Fernández Rivas

MEMBERS

Alejandro Gonzalo Fernández
 Ana Julia Hernández Hernández
 Inmaculada Cerecedo Carballo
 Leticia Sanchez Morillas
 Luis Zayas Romero
 María Luisa González Gutiérrez
 María Mar San Julián Esteban
 M^ª Mercedes Cimarra Álvarez-Lowell
 Natalia Patricia Freundt Serpa
 Rosalзира Natasha Vera Berrios
 Sonia Vázquez Cortés
 Teresa Robledo Echarren

OVERVIEW

The Allergy group is composed of researchers from different professional fields, being Dr. Montserrat Fernández Rivas the principal investigator. Food allergy is the main research line in which different aspects have been addressed in projects funded by national agencies (OVALE, CoALE, SOLMILK, Profilin-mucosal role, funded by ISCIII and the Ministry of Economy), the European Community (EuroPrevall, FAST, iFAAM), and the pharmaceutical industry.

Epidemiological studies have been performed in the general population, together with cross-sectional studies in outpatients, and longitudinal studies in two cohorts of milk and egg-allergic children. Diagnostic aspects have been addressed with the standardization of double-blind placebo controlled oral challenges, as well as the diagnostic evaluation of skin tests, and serum IgE tests with whole extracts and components. The safety and efficacy of oral immunotherapy with milk, egg and peanut is being investigated. In addition, factors associated with the severity of food allergies in profilin sensitized patients, in subjects with lipid transfer protein allergy, and the role of proton-pump inhibitors and cofactors are being investigated. A severity score has been developed for its application in clinical practice, and in epidemiological and interventional studies. Finally, food safety aspects are addressed through the establishment and validation of thresholds to milk, egg, hazelnut and walnut.

The Allergy Group closely works with other HSCS groups (Epidemiology Unit, Clinical Pharmacology), and with Spanish and European clinical and basic groups for the development of these activities.



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Skypala, Isabel J., Bartra, Joan, Ebo, Didier G., Antje Faber, Margaretha, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Gomez, Francisca, Luengo, Olga, Till, Stephen J., Asero, Riccardo, Barber, Domingo, Cecchi, Lorenzo, DIAZ PERALES, ARACELI, Hoffmann-Sommergruber, Karin, Anna Pastorello, Elide, Swoboda, Ines, Konstantinopoulos, Anastasios. P., van Ree, Ronald, Scala, Enrico. The diagnosis and management of allergic reactions in patients sensitized to non-specific lipid transfer proteins. *Allergy*. 2021; 76 (8): 2433:2446. DOI: 10.1111/all.14797. FI: 13,146. (D1).

de Silva, Debra, Singh, Chris, Muraro, Antonella, Worm, Margitta, Alviani, Cherry, Cardona, Victoria, DunnGlvin, Audrey, Garvey, Lene Heise, Riggioni, Carmen, Angier, Elizabeth, Arasi, Stefania, Bellou, Abdelouhab, Beyer, Kirsten, Bijlhout, Diola, Bilo, M. Beatrice, Brockow, Knut, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Halcken, Susanne, Jensen, Britt, Khaleva, Ekaterina, Michaelis, Louise J., Oude Elberink, Hanneke, Regent, Lynne, SÁNCHEZ MUÑOZ, ARÁNZAZU, Vlieg-Boerstra, Berber, Roberts, Graham, European Acad Allergy, Clinical Immunology Food Allergy. Diagnosing, managing and preventing anaphylaxis: Systematic review. *Allergy*. 2021; 76 (5): 1493:1506. DOI: 10.1111/all.14580. FI: 13,146. (D1).

Bousquet, Jean, Agache, Ioana, Blain, Hubert, Jutel, Marek, Ventura, Maria Teresa, Worm, Margitta, Del Giacco, Stefano, Benetos, Athanasios, Bilo, Beatrice Maria, Czarlewski, Wienczyslawa, Abdul Latiff, Amir Hamzah, Al-Ahmad, Mona, Angier, Elizabeth, Annesi-Maesano, Isabella, Atanaskovic-Markovic, Marina, Bachert, Claus, Barbaud, Annick, Bedbrook, Anna, Bennoor, Kazi S., Berghea, Elena Camelia, Bindslev-Jensen, Carsten, Bonini, Sergio, Bosnic-Anticevich, Sinthia, Brockow, Knut, Brussino, Luisa, Camargos, Paulo, Canonica, G. Walter, Cardona, Victoria, Carreiro-Martins, Pedro, Carriazo, Ana, Casale, Thomas, Caubet, Jean-Christoph, Cecchi, Lorenzo, Cherubini, Antonio, Christoff, George, Chu, Derek K., Cruz, Alvaro A., Dokic, Dejan, El-Gamal, Yehia, Ebisawa, Motohiro, Eberlein, Bernadette, Farrell, John, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Fokkens, Wytske J., Fonseca, Joao A., Gao, Yadong, Gavazzi, Gaetan, Gawlik, Radoslaw, Gelincik, Asli, Gemiccioglu, Bilun, Gotua, Maia, Guerin, Olivier, Haahtela, Tari, Hoffmann-Sommergruber, Karin, Hoffmann, Hans Jurgen, Hofmann, Maja, Hrubisko, Martin, Illario, Maddalena, Irani, Carla, Ispayeva, Zhanat, Ivancevich, Juan Carlos, Julge, Kaja, Kaidashev, Igor, Khaitov, Musa, Knol, Edward, Kraxner, Helga, Kuna, Piotr, Kvedariene, Violeta, Lauerma, Antti, Le, Lan T. T., Le Moing, Vincent, Levin, Michael, Louis, Renaud, Lourenco, Olga, Mahler, Vera, Martin, Finbarr C., Matucci, Andrea, Milenkovic, Branislava, Miot, Stephanie, Montella, Emma, Morais-Almeida, Mario, Mortz, Charlotte G., Mullol, Joaquim, Namazova-Baranova, Leyla, Neffen, Hugo, Nekam, Kristof, Niedoszytko, Marek, Odemyr, Mikaela, O'Hehir, Robyn E., Okamoto, Yoshitaka, Ollert, Markus, Palomares, Oscar, Papadopoulos, Nikolaos G., Panzner, Petr, Passalacqua, Giovanni, Patella, Vincenzo, Petrovic, Mirko, Pfaar, Oliver, Pham-Thi, Nhan, Plavec, Davor, Popov, Todor A., Recto, Marysia T., Regateiro, Frederico S., Reynes, Jacques, Roller-Winsberger, Regina E., Rolland, Yves, Romano, Antonino, Rondon, Carmen, Rottem, Menachem, Rouadi, Philip W., Salles, Nathalie, Samolinski, Boleslaw, Santos, Alexandra F., Sarquis, Faradiba, SASTRE VALERA, JAVIER, M. G. A. Schols, Jos, Scichilone, Nicola, Sediva, Anna, Shamji, Mohamed H., Sheikh, Aziz, Skypala, Isabel, Smolinska, Sylwia, Sokolowska, Milena, Sousa-Pinto, Bernardo, Sova, Milan, Stelmach, Rafael, Sturm, Gunter, Suppli Ulrik, Charlotte

, Todo-Bom, Ana Maria, Toppila-Salmi, Sanna, Tsiligianni, Ioanna, TORRES MOLINA, MAGDALENA, Untermayr, Eva, Urrutia Pereira, Marilyn, Valiulis, Arunas, Vitte, Joana, Vultaggio, Alessandra, Wallace, Dana, Walusiak-Skorupa, Jolanta, Wang, De-Yun, Wasserman, Susan, Yorgancioglu, Arzu, Yusuf, Osman M., Zernotti, Mario, Zidarn, Mihaela, Chivato, Tomas, Akdis, Cezmi A., Zuberbier, Torsten, Klimek, Ludger. Management of anaphylaxis due to COVID-19 vaccines in the elderly. *Allergy*. 2021; 76 (10): 2952:2964. DOI: 10.1111/all.14838. FI: 13,146. (D1).

NEW COMPETITIVE FUNDING

CM21/00080. Contrato Rio Hortega: Natalia Freundt. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

ECL.21/607. ESTUDIO OBSERVACIONAL RETROSPECTIVO MULTICÉNTRICO PARA EVALUAR LA TOLERABILIDAD DE LA INMUNOTERAPIA SUBCUTÁNEA CON ALÉRGENO MAYOR CUPRESSUS ARIZONICA, CUP A 1, EN PACIENTES CON RINOCONJUNTIVITIS ALERGICA CON O SIN ASMA CONTROLADA SENSIBILIZADOS AL POLEN DE CUPRESÁCEA. PI: CIMARRA ÁLVAREZ-LOWELL, MARÍA MERCEDES.

TECHNOLOGY TRANSFER

European Patent: Método para el pronóstico de la eficacia de la inmunoterapia oral para el tratamiento de la alergia a las proteínas de leche de vaca: Inventor: Monserrat Fernandez Rivas; Mónica Rodríguez Alvarez. 2021.

VISITING RESEARCHER

Visiting researcher: Vanessa Chica Guzmán. Country of origin: España. Centre of origin: Hospital Universitario Ramón y Cajal.



Genetics and molecular bases of complex diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

49

N° OF PAPERS JCR INDEXED

49

CITABLE ITEMS

49% (24)

Q1 (CITABLE ITEMS)

71% (17)

D1 (CITABLE ITEMS)

29% (7)

CUMULATIVE IF

134,64

AVERAGE IF

5,61



**redEspañolade
esclerosis múltiple**

OVERVIEW

Immune mediated diseases present etiologies not fully described at present. Our research group focuses on the discovery of the pathogenesis of complex conditions such as celiac disease and multiple sclerosis. The adequate diagnosis and treatment of these immune diseases are hampered by their great clinical heterogeneity. Nowadays, it is accepted that their onset is triggered by diverse environmental factors operating in genetically susceptible individuals. Our group has contributed to the identification of the genetic profiles beneath these conditions, and it is now involved in the ascertainment of the impaired functions derived from their altered genetic architectures. Moreover, a better knowledge of the cause driving a disease would lead to define personalized therapies. In this sense, a specific interest in the group raises from diverse perspectives of treatments: experimental therapies, adverse effects, vaccines...

The research group maintains both, intramural and international collaborations, and benefits from a multidisciplinary composition.

LEADING RESEARCHERS

Elena Urcelay García
M^a Concepción Núñez Pardo de Vera

MEMBERS

Adela González Jiménez
Celia Oreja Guevara
Clara Isabel Ramírez
Eduardo Martínez Pérez
Elda María Alba Suárez
Irene Gómez Estévez
Johnny Adrián Quezada Sánchez
Judith Díaz Díaz
Judith Abarca Zabalía
Laura Espino Paisán
María Corzo Martínez
Mercedes Castaño Pinaro
Mercedes Rubio Martínez
Pilar López-Cotarelo García De Diego
Sara Cabanillas Sanz
Sara Gómez Aguililla



SELECTED PUBLICATIONS

ESPINO PAISÁN, LAURA, NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. The HLA complex and coeliac disease. *International Review of Cell and Molecular Biology*. 2021; 358 (1): 47:83. DOI: 10.1016/bs.ircmb.2020.09.009. FI: 6,813. (Q1).

Fernandez-Banares, Fernando , LÓPEZ PALACIOS, NATALIA, Corzo, Maria , Arau, Beatriz , Rubio, Mercedes , Fernandez-Prieto, Marta , Tristan, Eva , Pujals, Mar , Farrais, Sergio , Horta, Saul , Hernandez, Juana Maria , Gomez-Perosanz, Marta , Reche, Pedro A. , Esteve, Maria , NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Activated gut-homing CD8(+) T cells for coeliac disease diagnosis on a gluten-free diet. *BMC MEDICINE*. 2021; 19 (1): . DOI: 10.1186/s12916-021-02116-z. FI: 8,775. (D1).

Fernandez-Banares, Fernando , Farrais, Sergio , Planella, Montserrat , Melero, Josefa , LÓPEZ PALACIOS, NATALIA, Vivas, Santiago , Fernandez-Salazar, Luis , Lanzarote, Ana Pilar , Ruiz-Ramirez, Pablo , Aguilar-Criado, Marta , Vidal, Judith , Esquerda, Aureli , Serrano, Cristina , NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Coeliac Disease in Elderly Patients: Value of Coeliac Lymphogram for Diagnosis. *NUTRIENTS*. 2021; 13 (9): . DOI: 10.3390/nu13092984. FI: 5,717. (Q1).

AWARDS

Researcher aware: Conchi Núñez (Colaboradora). Winning work: Estudio de las causas y consecuencias de la persistencia de atrofia vellositaria pese dieta sin gluten intencionalmente estricta en pacientes con enfermedad celíaca. Estudio Cader2. Award: Beca Celíacs de Catalunya a la investigación en patologías relacionadas con la ingesta de gluten.

DOCTORATE THESES

Doctoral candidate: Mercedes Castaño Pinardo. Thesis title: Enfermedad celíaca en mujeres con problemas reproductivos: diagnóstico y prevalencia. Director(s): Concepción Núñez Pardeo de Vera, Natalia López Palacios. University: UCM.

NEW COMPETITIVE FUNDING

PI21/00271. Enfoque multifactorial frente al diagnóstico del amplio espectro de la enfermedad celíaca. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

ICI21/00022. Eficacia y seguridad del Cromoglicato en como nuevo tratamiento sintomático en pacientes con Esclerosis Múltiple: ESTUDIO CAMINA. PI: OREJA GUEVARA, CELIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

IFEQ21/00014. Terapia Celular en Oncología (TERCELO). PI: URCELAY GARCÍA, ELENA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

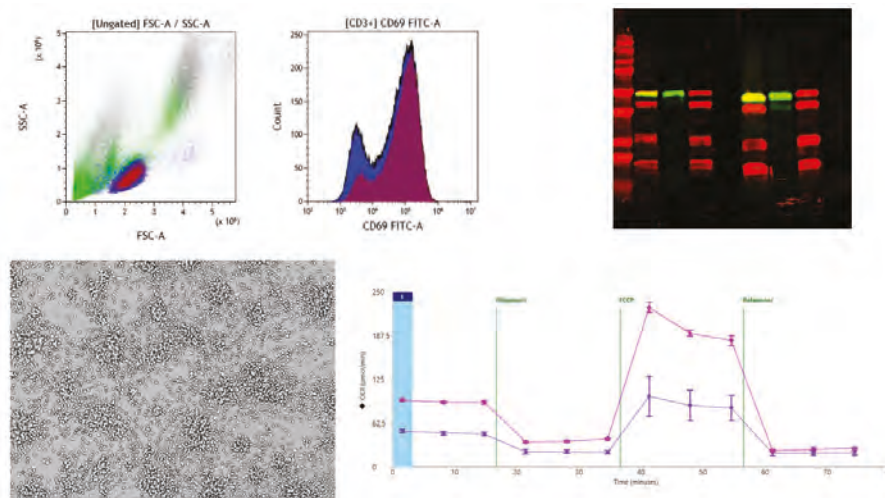
NEW NON COMPETITIVE FUNDING

ECL.21/388. ESTUDIO DE FASE IV, MULTICÉNTRICO Y ABIERTO PARA EVALUAR LA CONCENTRACIÓN DE LINFOCITOS B EN LACTANTES DE MUJERES EN PERÍODO DE LACTANCIA AFECTADAS DE SCA O EM QUE RECIBEN OCRELIZUMAB (ESTUDIO SOPRANINO). PI: OREJA GUEVARA, CELIA.

ECL.21/033. ESTUDIO ABIERTO, ALEATORIZADO, CON EVALUADOR CIEGO, MULTICÉNTRICO, DE BRAZOS PARALELOS, CON COMPARADOR ACTIVO PARA EVALUAR LA EFICACIA Y TOLERABILIDAD DE OFATUMUMAB 20 MG S.C. ADMINISTRADO MENSUALMENTE VS. TME DE PRIMERA LÍNEA A ELECCIÓN DEL MÉDICO EN EL TRATAMIENTO DE PACIENTES CON ESCLEROSIS MÚLTIPLE RECURRENTE (EMR) DE RECIENTE DIAGNÓSTICO (STHENOS). PI: OREJA GUEVARA, CELIA.

TECHNOLOGY TRANSFER

Spanish Patent: Método y kit para el diagnóstico de celiaquía: Inventors: Concepción Núñez Pardo Núñez; Andrés Bodas Pinedo; Natalia López Palacios; Romina Dieli Crimi. 2017.



The group studies immunometabolism in lymphocytes from patients using different experimental approaches: flow cytometry, Western-blot, extracellular flow analysis...

Musculoskeletal Pathology

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

36

Nº OF PAPERS JCR INDEXED

35

% OPEN ACCESS (Nº)

58% (21)

CITABLE ITEMS

72% (26)

Q1 (CITABLE ITEMS)

46% (12)

D1 (CITABLE ITEMS)

12% (3)

CUMULATIVE IF

125,36

AVERAGE IF

5,01



OVERVIEW

The Unidad de Gestión Clínica de Reumatología (UGC-REU) in Hospital Clínico San Carlos and the Unidad de Gestión Clínica de Cirugía Ortopédica y Traumatología (UGC-COT) have an extensive experience particularly in the field of rheumatoid arthritis and also in osteoarthritis. They have been working with public and private funding and they have numerous publications in this field.

A working group of researchers from different specialties (cell biologists, molecular biologists, epidemiologists, psychologists, engineers, traumatologists and rheumatologists) have worked together in the last 15 years. This effort has resulted in the establishment of different parallel and embedded research lines.

- (1) Genetic Polymorphisms in musculoskeletal diseases
- (3) Proteomics in musculoskeletal diseases
- (4) Mesenchymal Stem Cells
- (5) Epidemiology and Clinical Studies
- (6) Health Systems Research"

LEADING RESEARCHER

Benjamín Fernández Gutiérrez

MEMBERS

Ana María Pérez Sáez
 Ángeles López De Benito
 Arkaitz Mucientes Ruíz
 Cristina De Jesús Lajas Petisco
 Cristina Vadillo Font
 Esperanza Pato Cour
 Eva Herranz De La Peña
 Fernando Marco Martínez
 Gloria Candelas Rodríguez
 Jose Ignacio Colomer Arce
 Juan Ángel Jover Jover
 Leticia León Mateos
 Leticia López Pedraza
 Luis Rodríguez Rodríguez
 Lydia Abásolo Alcazar
 María Asunción Nieto Barbero
 María Dolores Olmos Gómez
 Pía Mercedes Lois Bermejo
 Teresa Mulero López
 Yaiza Lopiz Morales
 Zulema Rosales Rosado



SELECTED PUBLICATIONS

MADRID GARCÍA, ALFREDO, Leon-Mateos, Leticia, PATO COUR, ESPERANZA, JOVER JOVER, JUAN ÁNGEL, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, ABÁSULO ALCAZAR, LYDIA, Menasalvas, Ernestina , RODRÍGUEZ RODRÍGUEZ, LUIS. Predictors of health-related quality of life in musculoskeletal disease patients: a longitudinal analysis. THERAPEUTIC ADVANCES IN MUSCULOSKELETAL DISEASE. 2021; 13. DOI: 10.1177/1759720X211034063. FI: 5,346. (Q1).

Marco-Martinez, Javier , Bernal-Sobrino, Jose Luis , FERNÁNDEZ PÉREZ, CRISTINA, Elola-Somoza, Francisco Javier , Azana-Gomez, Javier , Garcia-Klepzig, Jose Luis , Andres, Emmanuel , Zapatero-Gaviria, Antonio , Barba-Martin, Raquel , MARCO MARTÍNEZ, FERNANDO, Canora-Lebrato, Jesus , Lorenzo-Villalba, Noel , MENDEZ BAILON, MANUEL. Impact of Heart Failure on In-Hospital Outcomes after Surgical Femoral Neck Fracture Treatment. Journal of Clinical Medicine. 2021; 10 (5). DOI: 10.3390/jcm10050969. FI: 4,241. (Q1).

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DOCTORATE THESES

Doctoral candidate: Mercedes Castaño Pinardo. Thesis title: Enfermedad celíaca en mujeres con problemas reproductivos: diagnóstico y prevalencia. Director(s): Concepción Núñez Pardeo de Vera, Natalia López Palacios. University: UCM.

NEW COMPETITIVE FUNDING

PI21/00781. Evaluación de aproximaciones terapéuticas para artrosis de rodilla mediante modelos in vitro 'tissue in a chip' e in vivo. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI21/00858. Regeneración del Cartílago articular mediante terapia celular basada en hidrogeles termosensibles. PI: LOPIZ MORALES, YAIZA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

RD21/0002/0001. Red de Enfermedades Inflamatorias (COORDINACIÓN). PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

LRR.SORCOM.20. Desarrollo de un sistema de autoevaluación de actividad inflamatoria en polo posterior ocular para pacientes con uveítis no infecciosa. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: SOCIEDAD DE REUMATOLOGÍA DE LA COMUNIDAD DE MADRID SORCOM.

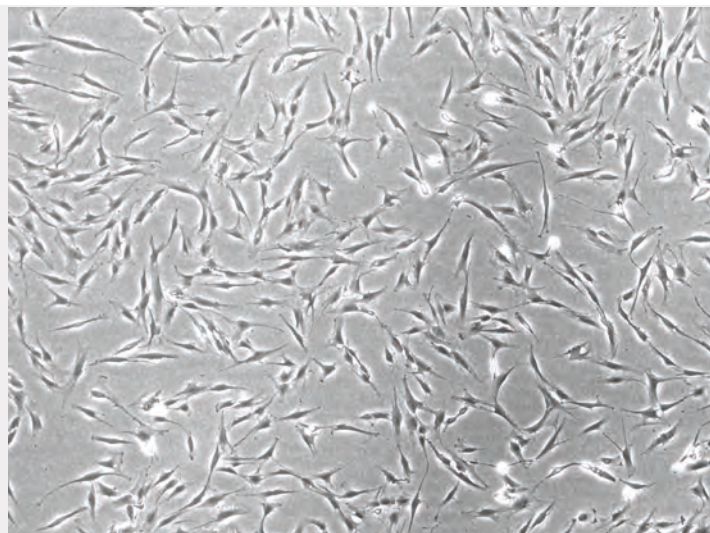


NEW NON COMPETITIVE FUNDING

ECL.21/472. ESTUDIO DE FASE IV, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO QUE EVALÚA LA EFICACIA Y LA SEGURIDAD DE GUSELKUMAB ADMINISTRADO POR VÍA SUBCUTÁNEA EN PACIENTES QUE NO HAN RECIBIDO TRATAMIENTO BIOLÓGICO PREVIO CON ARTRITIS PSORIÁSICA AXIAL ACTIVA.. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

ECL.21/192. ESTUDIO FASE 2 MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO DE LA EFICACIA, SEGURIDAD Y TOLERABILIDAD DE BMS-986278 EN PACIENTES CON FIBROSIS PULMONAR. PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.21/370. ESTUDIO MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, TOLERABILIDAD, FARMACOCINÉTICA, FARMACODINAMIA Y EFICACIA DE MÚLTIPLES DOSIS DE JNJ-67484703 EN SUJETOS CON ARTRITIS REUMATOIDE ACTIVA CON RESPUESTA INADECUADA A METOTREXATO.. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.



Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
15	15	93% (14)	87% (13)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
46% (6)	23% (3)	52,54	4,04



OVERVIEW

The clinic includes great care accessibility (patients do not require an appointment or health card), rapid microbiological diagnosis, immediate administration of STI treatment, high degree of specialization, a long tradition in the field of STI and interaction with primary and specialized care and NGOs. These distinctive features have led to the establishment of the clinic as a “sentinel” center for epidemiological STI/HIV surveillance in the Community of Madrid, and a clinic of reference for these diseases in Spain and Europe. The clinic serves more than 27,000 consultations / year.

LEADING RESEARCHER

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Laura López González
María José Valderrama Conde
Paloma Merino Amador

SELECTED PUBLICATIONS

Linares, M., Lopez-Ejeda, N., Alvarez, P., CULEBRAS LÓPEZ, ESTHER, Diaz, E., Garcia, M. T., Majano, C., Morales, M. L., Rodriguez-Garcia, A., RODRÍGUEZ AVIAL, CARMEN, Utrilla, C. L., Valenzuela, M. V., VALDERRAMA CONDE, MARIA JOSÉ. Service-Learning, Movies, and Infectious Diseases: Implementation of an Active Educational Program in Microbiology as a Tool for Engagement in Social Justice. *FRONTIERS IN MICROBIOLOGY*. 2021; 12. DOI: 10.3389/fmicb.2021.589401. FI: 5,64. (Q1).

LOPEZ GONZALEZ, LAURA, Becerra-Tomas, Nerea, Babio, Nancy, Angel Martinez-Gonzalez, Miguel, Diaz-Lopez, Andres, Corella, Dolores, Goday, Albert, Romaguera, Dora, Vioque, Jesus, Alonso-Gomez, Angel M., Warnberg, Julia, Alfredo Martinez, J., Serra-Majem, Luis, Estruch, Ramon, Tinahones, Francisco, Lapetra, Jose, Pinto, Xavier, Tur, Josep A., Lopez-Miranda, Jose, Bueno-Cavanillas, Aurora, Delgado-Rodriguez, Miguel, MATÍA MARTÍN, MARÍA PILAR, Daimiel, Lidia, Alvarez-Alvarez, Laura, Vidal, Josep, Vazquez, Clotilde, Ros, Emilio, Vazquez-Ruiz, Zenaida, Canudas, Silvia, Fernandez-Carrion, Rebeca, Casaner, Olga, Angeles Zulet, M., Tojal Sierra, Lucas, Ajejas Bazan, María Julia, Lopez Garcia, Carmen M., Martin, Marian, Garcia-Rios, Antonio, Casas, Rosa, Gomez-Perez, Ana M., Manuel Santos-Lozano, Jose, Goni, Estibaliz, Guillem-Saiz, Patricia, Lassale, Camile, Abete, Itziar, Salaverria Lete, Itziar, Eguaras, Sonia, Schroder, Helmut, Salas-Salvado, Jordi, PREDIMED-Plus Investigators. Variety in fruits and vegetables, diet quality and lifestyle in an older adult mediterranean population. *CLINICAL NUTRITION*. 2021; 40 (4): 1510:1518. DOI: 10.1016/j.clnu.2021.02.024. FI: 7,324. (D1).

MERINO AMADOR, PALOMA, Guinea, Jesus, Munoz-Gallego, Irene, Gonzalez-Donapetry, Patricia, Carlos Galan, Juan, Antona, Nerea, Cilla, Gustavo, Hernaez-Crespo,

Silvia, Luis Diaz-de Tuesta, Jose, Gual-de Torrella, Ana, GONZÁLEZ ROMO, FERNANDO, Escribano, Pilar, Angel Sanchez-Castellano, Miguel, Sota-Busselo, Mercedes, DELGADO-IRIBARREN GARCIA-CAMPERO, ALBERTO, Garcia, Julio, Canton, Rafael, Munoz, Patricia, Dolores Folgueira, Maria, Cuenca-Estrella, Manuel, Oteo-Iglesias, Jesus, Spanish Panbio Covid-19 Validation. Multicenter evaluation of the Panbio (TM) COVID-19 rapid antigen-detection test for the diagnosis of SARS-CoV-2 infection. *CLINICAL MICROBIOLOGY AND INFECTION*. 2021; 27 (5): 758:761. DOI: 10.1016/j.cmi.2021.02.001. FI: 8,067. (D1).

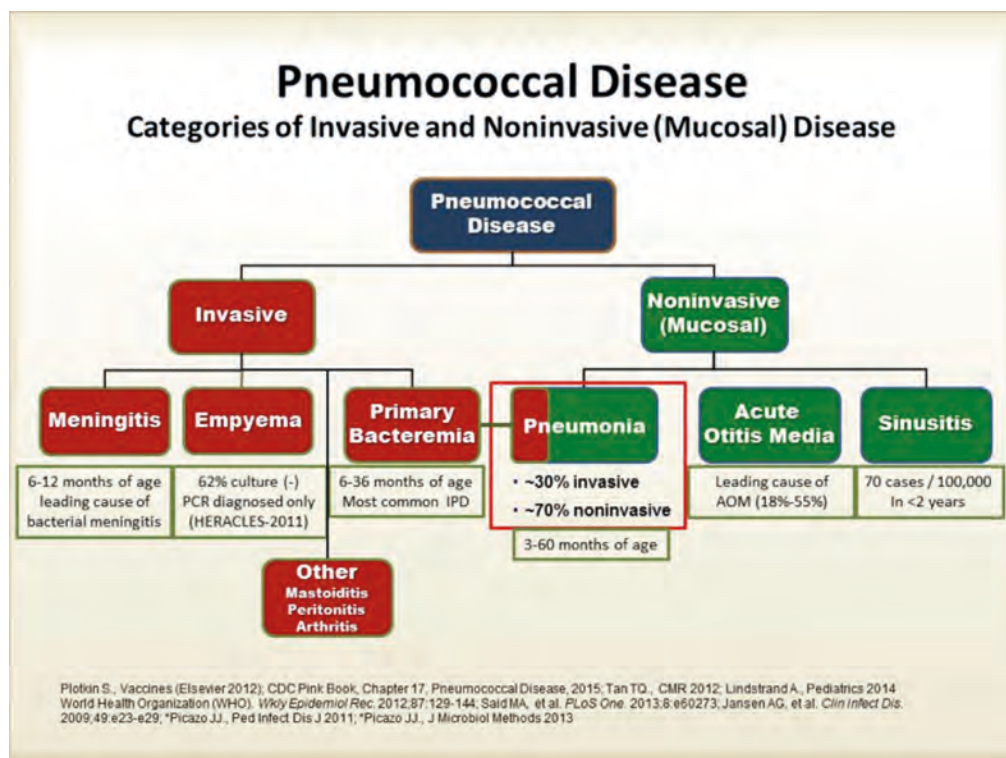
NEW NON COMPETITIVE FUNDING

ECL.21/079. MAPEO NACIONAL DE CARBAPENEMASAS EN ESPAÑA. ESTUDIO CARBA-MAP. PI: LOPEZ GONZALEZ, LAURA.

ECL.21/193. RESPUESTA INMUNOLÓGICA A LA VACUNA DE AstraZeneca. ESTUDIO COMPARATIVO CON LA VACUNA DE Pfize.. PI: CULEBRAS LÓPEZ, ESTHER.

ECL.21/071. RESPUESTA INMUNOLÓGICA A LA VACUNA DE Pfizer DEL PERSONAL SANITARIO: DIFERENCIAS ENTRE INDIVIDUOS QUE HAN PASADO COVID Y AQUELLOS QUE NUNCA HAN SUFRIDO LA INFECCIÓN. PI: DELGADO-IRIBARREN GARCIA-CAMPERO, ALBERTO.

ECL.21/104. RESPUESTA INMUNOLÓGICA A LA VACUNA DE Pfizer EN POBLACIÓN GERIÁTRICA INSTITUCIONALIZADA: DIFERENCIAS ENTRE INDIVIDUOS QUE HAN PASADO COVID Y AQUELLOS QUE NUNCA HAN SUFRIDO LA INFECCIÓN. PI: CULEBRAS LÓPEZ, ESTHER.



Kidney Diseases and Renal Function Replacement Therapy (Dialysis and Transplantation)

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

8

N° OF PAPERS JCR INDEXED

8

% OPEN ACCESS (N°)

37% (3)

CITABLE ITEMS

63% (5)

Q1 (CITABLE ITEMS)

60% (3)

CUMULATIVE IF

23,37

AVERAGE IF

4,67



OVERVIEW

Kidney transplantation is currently the treatment of choice for chronic renal failure. The procedure is performed in the Kidney Transplant Unit (UTR) of the Hospital Clínico San Carlos (HCSC) and it requires rigorous monitoring of patients along the progress, as well as the control of the recipient's immune response to the transplanted organ, since the immunosuppressive treatment is necessary for the entire duration of the graft function. Since the beginning, UTR is characterized by its commitment to research, which is integral to the care activity performed in this unit.

The research activity mainly focuses in non heart beating donation and new therapeutic lines, participating in many national and international clinical trials, as well as in scientific collaborations with other hospital services (Immunology and Genomic Unit of Clinical Analysis). The main research lines developed by UTR include those related to asystole donation in which this unit has great experience, being one of the pioneers in such type of transplants. New immunosuppressive therapies are another major strategic areas where the UTR is involved, aiming to search a lower risk of graft rejection, improvement of long-term renal function and the receptor's morbidity.

Finally, the study of genetic markers and immunological parameters, as good predictors of the development of transplanted patients, is another area in which several lines of research are being pursued..

LEADING RESEARCHER

Ana Isabel Sánchez Fructuoso

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Isabel Pérez Flores
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José Antonio Herrero Calvo
Manuel Gómez Del Moral Martín Consuegra
M^a Ángeles Moreno de la Higuera Diaz
M^a Dolores Sánchez de la Nieta García
Marta Calvo Arévalo
Nancy Daniela Valencia Morales
Natividad Calvo Romero
Rosa María Aras López
Virginia López de la Manzanara Pérez

SELECTED PUBLICATIONS

García-Carro, Clara , Vergara, Ander , Bermejo, Sheila , Azancot, María A. , SÁNCHEZ FRUCTUOSO, ANA ISABEL, Sanchez de la Nieta, M. Dolores , Agraz, Irene , Soler, María Jose . How to Assess Diabetic Kidney Disease Progression? From Albuminuria to GFR. *Journal of Clinical Medicine*. 2021; 10 (11): . DOI: 10.3390/jcm10112505. FI: 4,241. (Q1).

SANTIAGO ÁLVAREZ, JOSÉ LUÍS, SANCHEZ PEREZ, LUIS, PÉREZ FLORES, ISABEL, Moreno de la Higuera, María Angeles , Calvo Romero, Natividad , QUEROL GARCIA, JAVIER, URCELAY GARCÍA, ELENA, SÁNCHEZ FRUCTUOSO, ANA ISABEL. Association of Polymorphisms in T-Cell Activation Costimulatory/Inhibitory Signal Genes With Allograft Kidney Rejection Risk. *FRONTIERS IN IMMUNOLOGY*. 2021; 12 (): . DOI:10.3389/fimmu.2021.650979. FI: 7,561. (Q1).

SHABAKA FERNANDEZ, AMIR, Gatiús, Serena , Vian, Javier , Pascual, Alejandro , Rodríguez-Moreno, Antonina . Pauci-Immune Necrotizing Glomerulonephritis as a Manifestation of Systemic Sclerosis Sine Scleroderma.. *JCR-JOURNAL OF CLINICAL RHEUMATOLOGY*. 2021; 27 (1): 20:21. DOI: 10.1097/RHU.0000000000001208. FI: 3,517. (Q3).

AWARDS

Researcher aware: SÁNCHEZ FRUCTUOSO, ANA ISABEL. Award: XXVI Premio Científico - 2º Premio.

Researcher aware: SÁNCHEZ FRUCTUOSO, ANA ISABEL. Winning work: Uso de iSGLT2 en pacientes diabéticos con trasplante renal: estudio multicéntrico. Award: Premio a la mejor comunicación oral en trasplante renal en la XVI Reunión de la Sociedad Madrileña de Nefrología, Madrid, 22-23 de septiembre de 2021.

Researcher aware: SÁNCHEZ FRUCTUOSO, ANA ISABEL. Winning work: Estudio observacional nacional multicéntrico retro y prospectivo sobre el uso de iSGLT2 en pacientes diabéticos con trasplante renal. Award: Premio Mejor ePoster. 51 Congreso Nacional de la Sociedad Española de Nefrología 15-18 Octubre 2021.

DOCTORATE THESES

Doctoral candidate: Jesús Delgado Domínguez Palacios. Thesis title: Polimorfismos en el gen del VEGF pueden asociarse a desarrollo de proteinuria en pacientes

trasplantados renales tratados con inhibidores de mTOR. Director(s): Ana I. Sánchez Fructuoso, Juan Carlos Ruiz San Millán. University: Universidad Complutense de Madrid.

Doctoral candidate: Luis Sánchez Pérez. Thesis title: Estudio de polimorfismos genéticos como biomarcadores predictivos de la evolución del trasplante renal. Director(s): Ana I. Sánchez Fructuoso, Jose Luis Santiago. University: Universidad Complutense de Madrid.

NEW COMPETITIVE FUNDING

IPF.SMT.21. Impacto de los Inhibidores del Cotransportador Sodio-Glucosa 2 en la función mitocondrial en receptores de trasplante renal con Diabetes Mellitus tipo 2. PI: PÉREZ FLORES, ISABEL. Funding Organisation: SOCIEDAD MADRILEÑA DE TRASPLANTES.

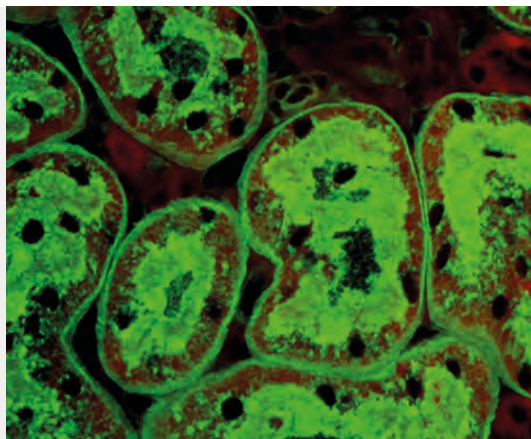
API77642021. EFICACIA DE LA VACUNACION FRENTE A SARS-COV-2 EN UNA COHORTE DE TRASPLANTADOS RENALES. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL. Funding Organisation: FUNDACION MUTUA MADRILEÑA.

NEW NON COMPETITIVE FUNDING

ECL.21/144. DESARROLLO Y VALIDACIÓN DE LA ESCALA NEURO-SCORE FOR TRANSPLANTED PATIENTS PARA LA DETECCIÓN DEL DETERIORO COGNITIVO EN PACIENTES CON TRASPLANTE RENAL O HEPÁTICO TRATADOS CON INMUNOSUPRESORES. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL.

ECL.21/095. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE RAVULIZUMAB EN PARTICIPANTES ADULTOS CON MICROANGIOPATÍA TROMBÓTICA ASOCIADA A UN DESENCADENANTE. PI: SANCHEZ DE LA NIETA GARCIA, MARIA DOLORES.

ECL.21/269. RESPUESTA INMUNE Y SEGURIDAD DE LA VACUNACIÓN COVID-19 EN PACIENTES CON ERC AVANZADA, EN DIÁLISIS Y TRASPLANTADOS RENALES." CÓDIGO DEL ESTUDIO: SENCOVAC. PI: LÓPEZ DE LA MANZANARA PÉREZ, VIRGINIA.



Infectious Diseases/HIV

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

62

N° OF PAPERS JCR INDEXED

62

% OPEN ACCESS (N°)

58% (36)

CITABLE ITEMS

74% (46)

Q1 (CITABLE ITEMS)

50% (23)

D1 (CITABLE ITEMS)

20% (9)

CUMULATIVE IF

292,73

AVERAGE IF

6,36

LEADING RESEARCHERS

Vicente Estrada Pérez
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Dulce Carrio Montiel
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Íñigo Sagastagoitia Fornie
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Jorge Del Romero Guerrero
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Juan Ballesteros Martín
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M^a Angeles Rivas Paterna
M^a Blanca Menéndez Prieto
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María Jesús Téllez Molina
María José Núñez Orantos
María Nieves Sanz Pérez
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Néxeri Guadalupe Jilón Zambrano
Noemí Cabello Clotet
Oskar Ayerdi Aguirrebengoa
Oskar Ayerdi Aguirrebengoa
Petunia Clavo Escribano
Raquel Sandoval Arroyo
Rocío Segoviano Mateo
Sandra Del Mazo Sánchez
Teresa Puerta López



ciberinfec isciiii

Centro de Investigación Biomédica en Red
Enfermedades infecciosas

OVERVIEW

The Infectious/HIV group has a long healthcare tradition in the Hospital Clínico. In 1987, the Isolation Unit, dependent of Internal Medicine 3, Microbiology and Preventive Medicine, was created and directed by the deceased Dr. Víctor Roca. Over time, the group has differentiated from Internal Medicine, and has focused on the infectious disease area on the following three scopes: HIV, viral hepatitis and other infectious diseases. These three aspects of infectious disease are the ones that have posed most of the care dedication within the group. The HIV unit within HCSC, is one of the 5 largest ones by number of patients at follow-up in Madrid.

As for the staff, Dr. Tellez and Dr. Estrada are part of the group since its inception, Dr. Vergas joined in 2001, and Drs. Nuñez and Cabello in 2012. For years, the unit staff has been recruited from FIBHCSC, and today, Nurses Raquel Sandoval and Rocio Marquez are entirely dedicated to research projects. In addition to our own projects (five FIS and one FIPSE project), international research projects on HIV (tests Start, Partner, Sprit) are currently being carried out, and more than 50 clinical trials, mainly in stages III and IV, have been conducted over the years. Projects of our own and clinical trials on Hepatitis C have been carried out. Regarding other infectious diseases, the group has worked on international projects about influenza, tuberculosis, and phase 3 clinical trials in the pneumonia treatment.

The Sandoval Health Centre, opened in 1928, has been the STI reference centre in Spain attached to the Hospital Clínico San Carlos since January 2018. It attends more than 32,000 consultations per year and performs more than 6,000 STI diagnoses per year. Easy accessibility and on-demand care. It has high-resolution consultations in the diagnosis and treatment of HIV/STI/HCV, with intense research activity, collaborating in numerous studies. Four clinical trials are being carried out in the field of HIV/STI: HIV prevention and pre-exposure prophylaxis, treatment of gonorrhoea and diagnosis and prevention of HSV-2. It maintains a great interaction with PC, Public Hospital Network and NGOs. It is the reference centre for the dispensing of PrEP pre-exposure prophylaxis in the Community of Madrid. Member of the AIDS Research Network (CoRIS), to which it contributes the largest number of patients to the cohort.

SELECTED PUBLICATIONS

PORTA ETESSAM, JESÚS, NÚÑEZ GIL, IVÁN JAVIER, Gonzalez Garcia, Nuria , FERNÁNDEZ PÉREZ, CRISTINA, Viana-Llamas, Maria C. , Eid, Charbel Maroun , Romero, Rodolfo , Molina, María , Uribarri, Aitor , Becerra-Munoz, Víctor Manuel , Aguado, Marcos Garcia , Huang, Jia , Rondano, Elisa , CERRATO MERA, CRISTINA, Alfonso, Emilio , Mejia, Alex Fernando Castro , Marín, Francisco , Roubin, Sergio Raposeiras , Pepe, Martino , FELTES GUZMÁN, GISELA ILEANA, Mate, Paloma , Cortese, Bernardo , Buzon, Luis , Mendez, Jorge Jativa , ESTRADA PÉREZ, VICENTE. COVID-19 anosmia and gustatory symptoms as a prognosis factor: a subanalysis of the HOPE COVID-19 (Health Outcome Predictive Evaluation for COVID-19) registry. *Infection*. 2021; 49 (4): 677:684. DOI: 10.1007/s15010-021-01587-9. FI: 3,553. (Q2).

Signes-Costa, Jaime , NÚÑEZ GIL, IVÁN JAVIER, Soriano, Joan B. , Arroyo-Espliguero, Ramon , Maroun Eid, Charbel , Romero, Rodolfo , Uribarri, Aitor , Fernandez-Rozas, Inmaculada , Garcia Aguado, Marcos , Manuel Becerra-Munoz, Víctor , Huang, Jia , Pepe, Martino , CERRATO MERA, CRISTINA, Raposeiras, Sergio , GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO, Franco-Leon, Francisco , ZHU NI, WANG, Alfonso, Emilio , Ugo, Fabrizio , Fortunato Garcia-Prieto, Juan , FELTES GUZMÁN, GISELA ILEANA, Abumayyaleh, Mohammad , Espejo-Paeres, Carolina, Jativa, Jorge , Lopez Masjuan, Alvaro , MACAYA MIGUEL, CARLOS, Carbonell Asins, Juan A. , ESTRADA PÉREZ, VICENTE, HOPE COVID-19 Investigators . Prevalence and 30-Day Mortality in Hospitalized Patients With Covid-19 and Prior Lung Diseases. *ARCHIVOS DE BRONCONEUMOLOGIA*. 2021; 57 (1): 13:20. DOI: 10.1016/j.arbres.2020.11.012. FI: 4,872. (Q2).

PÉREZ SEGURA, PEDRO, PAZ CABEZAS, MATEO, NÚÑEZ GIL, IVÁN JAVIER, Arroyo-Espliguero, R. , Eid, C. Maroun , Romero, R. , Rozas, I. Fernandez , Uribarri, A. , Becerra-Munoz, V. M. , Aguado, M. Garcia , Huang, J. , Rondano, E. , CERRATO MERA, CRISTINA, Rodriguez, E. Alfonso , Ortega-Armas, M. E. , Roubin, S. Raposeiras , Pepe, M. , FELTES GUZMÁN, GISELA ILEANA, GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO, Cortese, B. , Buzon, L. , El-Battrawy, I. , ESTRADA PÉREZ, VICENTE. Prognostic factors at admission on patients with cancer and COVID-19: Analysis of HOPE registry data. *MEDICINA CLINICA*. 2021; 157 (7): 318:324. DOI: 10.1016/j.medcli.2021.02.021. FI: 1,725. (Q3).

NEW COMPETITIVE FUNDING

CB21/13/00126. CIBER Enfermedades Infecciosas. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

ECL.21/253. A descriptive, prospective, multi-country, multicentre study to assess performance of genital Herpes Simplex Virus-2 (HSV-2) related disease endpoints based on patient-reported health outcomes, self-swabbing collected via decentralised approach in patients ≥ 18 years of age in the United States and Europe. Estudio descriptivo, prospectivo, multinacional y multicéntrico para evaluar las variables relacionadas con la enfermedad genital causada por el virus herpes simple tipo 2 (VHS-2) según los resultados obtenidos a partir de cuestionarios de salud y muestras anogenitales realizados por pacientes ≥ 18 años de edad en Estados Unidos y Europa mediante un proceso descentralizado. PI: AYERDI AGUIRREBENGOA, OSKAR.

ECL.21/508. Administración precoz de dexametasona en pacientes hospitalizados por neumonía COVID-19 y alto riesgo de evolución a síndrome de distrés respiratorio agudo. PI: CABELLO CLOTET, NOEMI.

ECL.21/236. BICTEGRAVIR/FTC/TAF para el tratamiento de la infección primaria por HIV (BIC-PHI TRIAL). PI: DEL ROMERO GUERRERO, JORGE.

ECL.21/184. Ensayo de fase III multicéntrico, aleatorizado y controlado para determinar la eficacia y la seguridad de dos niveles de dosis de plitidepsin en comparación con el control en pacientes adultos que precisan de hospitalización para el tratamiento médico de la infección moderada por covid-19. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/034. Ensayo de fase III, aleatorizado, en doble ciego y controlado con placebo, para determinar la eficacia y la seguridad de sng001 administrado por vía inhalatoria en el tratamiento de pacientes hospitalizados con covid-19 de grado moderado. a randomised, double-blind, placebo-controlled, phase iii trial to determine the efficacy and safety of inhaled sng001 for the treatment of patients hospitalised due to moderate COVID-19. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/069. Estudio de cohorte retrospectivo multicéntrico y multinacional para evaluar los resultados clínicos en adultos con covid-19 que han sido tratados con remdesivir. A multi-centre, multi-country retrospective cohort study to evaluate the clinical outcomes in adults with covid-19 who have been treated with REMDESIVIR. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/652. Estudio de extensión en una cohorte de pacientes adultos con infección por SARS-COV-2 que precisaban ingreso hospitalario y recibieron tratamiento con plitidepsina en el estudio APLICOV-PC. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/537. Estudio intervencional de fase II/III, doble ciego, de dos grupos para evaluar la eficacia y la seguridad de PF-07321332/RITONAVIR administrados oralmente y comparado con placebo en pacientes adultos sintomáticos no hospitalizados con COVID-19 que tengan riesgo bajo de progresar a enfermedad severa. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/487. Real life study of bictegavir, emtricitabine, and tenofovir alafenamide in HIV-1 infected treatment-naive patients using test and treat strategy. (BIC-NOW). PI: CABELLO CLOTET, NOEMI.

ECL.21/224. RESPIRE - Ensayo clínico multicéntrico, aleatorizado, doble ciego y controlado con placebo para evaluar la seguridad y la eficacia de ATR-002 en pacientes adultos hospitalizados con COVID-19. PI: ESTRADA PÉREZ, VICENTE.

21/538-EC_M. Estudio de fase ii/iii, aleatorizado, doble ciego, con doble simulación y controlado con placebo para evaluar la seguridad, eficacia y tolerabilidad de 2 pautas de pf-07321332/ritonavir administrados oralmente para prevenir los síntomas de la infección por sars-cov-2 en adultos que hayan tenido contacto doméstico con personas infectadas por SARS-COV-2. PI: ESTRADA PÉREZ, VICENTE.

Research on INA Infectious Disease

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
20	20	85% (17)	95% (19)
Q1 (CITABLE ITEMS)		CUMULATIVE IF	AVERAGE IF
11% (2)		55,72	2,93

LEADING RESEARCHER

José Tomás Ramos Amador

MEMBERS

Alba Ruedas López
Andrés Bodas Pinedo
Celia Gil López
Cristina González Menchen
Diego López de Lara
Enrique Criado Vega
Esther Aleo Luján
Ignacio Callejas Caballero
Luis Felipe Ávila Ramírez
Marta Illán Ramos
Olga Pérez Rodríguez
Santiago Rueda Esteban



OVERVIEW

The Infectious/HIV group has a long healthcare tradition in the Hospital Clínico. In 1987, the Isolation Unit, dependent of Internal Medicine 3, Microbiology and Preventive Medicine, was created and directed by the deceased Dr. Víctor Roca. Over time, the group has differentiated from Internal Medicine, and has focused on the infectious disease area on the following three scopes: HIV, viral hepatitis and other infectious diseases. These three aspects of infectious disease are the ones that have posed most of the care dedication within the group.

The HIV unit within HCSC, is one of the 5 largest ones by number of patients at follow-up in Madrid. As for the staff, Dr. Tellez and Dr. Estrada are part of the group since its inception, Dr. Vergas joined in 2001, and Drs. Nuñez and Cabello in 2012. For years, the unit staff has been recruited from FIBHCSC, and today, Nurses Eva Santiago and María Rodrigo are entirely dedicated to research projects. In addition to our own projects (five FIS and one FIPSE project), international research projects on HIV (tests Start, Partner, Sprit) are currently being carried out, and more than 50 clinical trials, mainly in stages III and IV, have been conducted over the years.

Projects of our own and clinical trials on Hepatitis C have been carried out. Regarding other infectious diseases, the group has worked on international projects about influenza, tuberculosis, and phase 3 clinical trials in the pneumonia treatment.



SELECTED PUBLICATIONS

Gonzalez-Vicent, Marta, RAMOS AMADOR, JOSE TOMAS. Fungal infection in immunocompromised children. REVISTA IBEROAMERICANA DE MICOLOGIA. 2021; 38 (2): 75:83. DOI: 10.1016/j.riam.2021.04.005. FI: 1,044. (Q4).

ALEO LUJAN, ESTHER, LOPEZ PICADO, AMANDA, Joyanes Abancens, Belen , Soto Beauregard, Carmen , Tur Salamanca, Nuria , Esteban Polonios, Carmen , TORREJÓN MARTÍNEZ, MARÍA JOSÉ, Gonzalez Perrino, Carlos , RIVAS VOS, ANA, ARIAS VIVAS, EVA, RODRIGUEZ HERMIDA, DIAMELIS, Angeles Rivas, Ma , Rodriguez Rojo, Marina Laura , Fernandez Garcia, Patricia , Rodriguez Alarcon, Jaime , Pedro de Urquiza, Borja San . Evaluation of the Effect of Hydroxyzine on Preoperative Anxiety and Anesthetic Adequacy in Children: Double Blind Randomized Clinical Trial. BIOMED RESEARCH INTERNATIONAL. 2021. DOI: 10.1155/2021/7394042. FI: 3,411. (Q2).

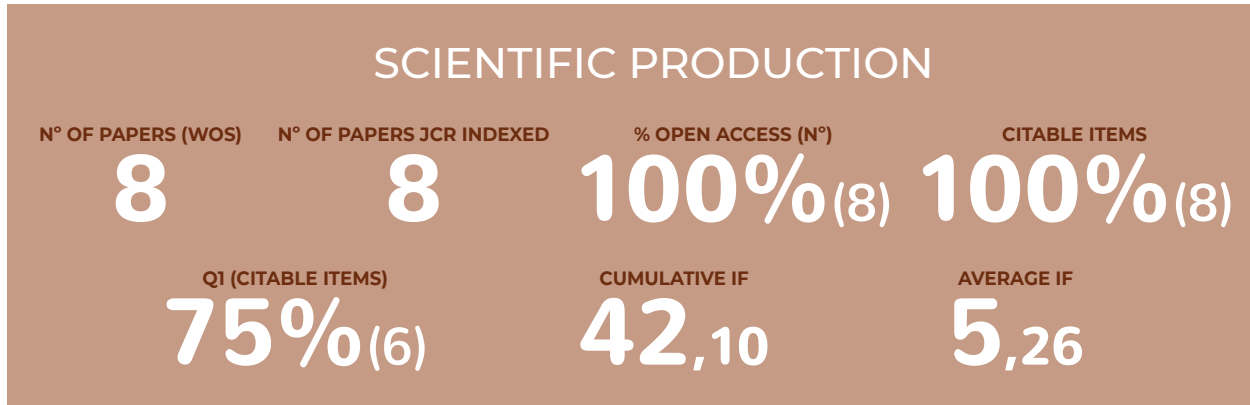
Vieco-Garcia, Alberto, LOPEZ PICADO, AMANDA, FUENTES FERRER, MANUEL ENRIQUE, Francisco-Gonzalez, Laura , Joyanes, Belen , Soto, Carmen , Garcia de la Aldea, Ana , Gonzalez-Perrino, Carlos , ALEO LUJAN, ESTHER. Comparison of different scales for the evaluation of anxiety and compliance with anesthetic induction in children undergoing scheduled major outpatient surgery. Perioperative Medicine. 2021; 10 (1). DOI: 10.1186/s13741-021-00228-x. FI: 3,535. (Q2).

NEW NON COMPETITIVE FUNDING

ECL.21/117. ESTUDIO DE FASE II, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE 2 PARTES, PARA EVALUAR PAUTAS DE TRATAMIENTO DE EDP-938 EN PACIENTES DE 28 DÍAS A 36 MESES DE EDAD CON INFECCIÓN POR EL VIRUS RESPIRATORIO SINCITAL (VRS). PI: RAMOS AMADOR, JOSE TOMAS.

ECL.21/439. ESTUDIO MULTICÉNTRICO, SIN ENMASCARAMIENTO, EN EL QUE SE EVALÚA LA FARMACOCINÉTICA Y LA SEGURIDAD DE BARICITINIB EN PACIENTES PEDIÁTRICOS (DESDE 1 AÑO HASTA MENOS DE 18 AÑOS DE EDAD) HOSPITALIZADOS CON COVID-19. PI: RAMOS AMADOR, JOSE TOMAS.

Cell-biomaterial Interactions (BIO UCM)



OVERVIEW

The “cell-biomaterial interactions” (BIOUCM) research group, led by Professor Maria Teresa Portolés, studies the in vitro interactions of specific cell types (osteoblasts, pre-osteoblasts, osteoclasts, endothelial progenitor cells, fibroblasts, macrophages, lymphocytes, lung, liver and kidney cells) with different biomaterials (bioceramics, polymers, composites, graphene, nanoparticles, extracellular matrix hydrogels) designed for various biomedical applications (tissue engineering, drug delivery, antitumor treatment, neuronal regeneration). The studies are performed with different strategies, according to the biomedical application of each material, and considering the cell types that will come into contact in vivo.

The group has carried out the adsorption of growth factors on silicon-doped hydroxyapatite 3D macroporous scaffolds, evaluating the in vitro response of the cell types involved in bone regeneration and analyzing this process in vivo after implantation of these biomaterials in an osteoporotic ovine model. In vitro and in vivo studies are also being carried out with bioactive mesoporous nanoparticles that stimulate the formation of bone tissue and act as drug delivery systems for the prevention and treatment of osteoporotic fractures. Moreover, the group is currently participating in the European H2020-funded NeuroStimSpinal Project (FET Open) that addresses strategies for spinal cord repair after injury. With this objective, the group analyzes specific cellular responses to 3D scaffolds composed of graphene-derived materials in combination with human and porcine adipose tissue extracellular matrix. These studies include cytotoxicity assays and the evaluation of the immune response to these scaffolds and all their components, which will determine their acceptance or rejection after implantation in vivo.

LEADING RESEARCHER

María Teresa Portolés Pérez

MEMBERS

Alberto Polo Montalvo
 Laura Casarrubios Molina
 María Jose Feito Castellano
 Mónica Cicuéndez Maroto
 Rosalía Diez Orejas



SELECTED PUBLICATIONS

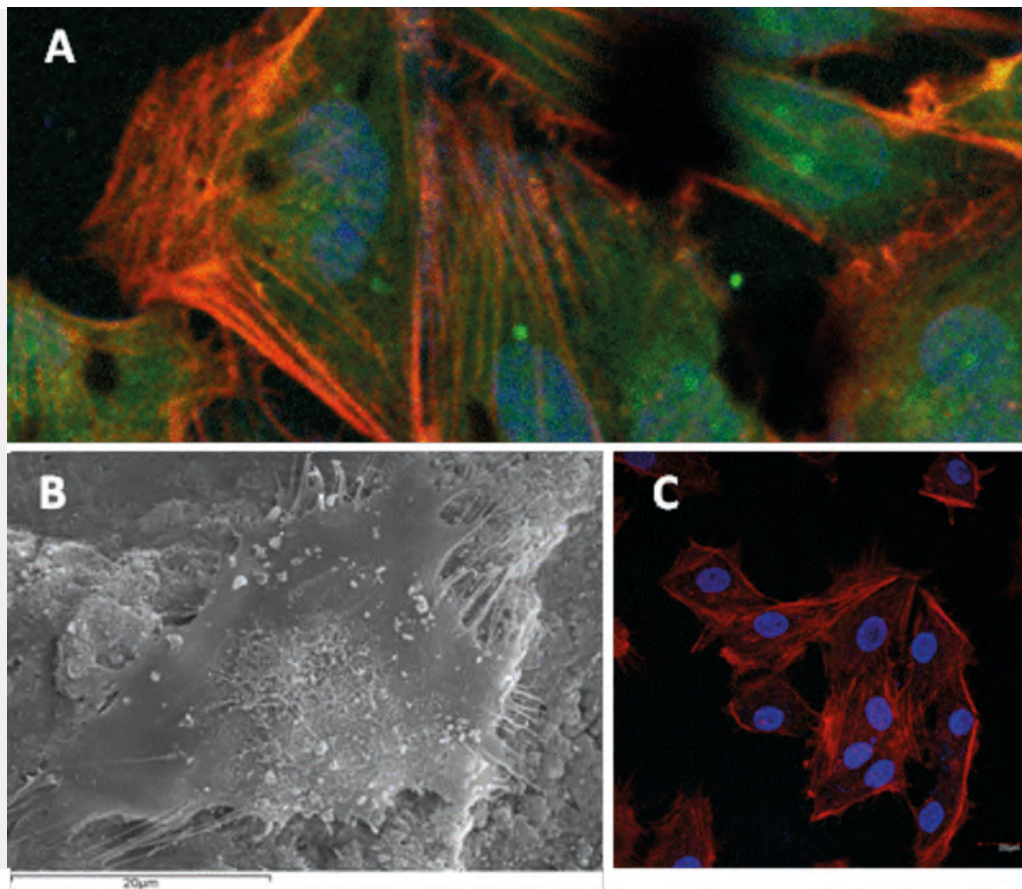
Cicuendez, Monica , CASARRUBIOS MOLINA, LAURA, FEITO CASTELLANO, MARIA JOSE, Madarieta, Iratxe , Garcia-Urkia, Nerea , Murua, Olatz , Olalde, Beatriz , Briz, Nerea , DIEZ OREJAS, ROSALÍA, PORTOLÉS PÉREZ, MARÍA TERESA. Candida albicans/Macrophage Biointerface on Human and Porcine Decellularized Adipose Matrices. Journal of Fungi. 2021; 7 (5): . DOI: 10.3390/jof7050392. FI: 5,816. (Q1).

Polo-Montalvo, Alberto , CASARRUBIOS MOLINA, LAURA, Serrano, Maria Concepcion , SANVICENTE GARCÍA, ADRIÁN, FEITO CASTELLANO, MARIA JOSE, Arcos, Daniel , PORTOLÉS PÉREZ, MARÍA TERESA. Effective Actions of Ion Release from Mesoporous Bioactive Glass and Macrophage Mediators on the Differentiation of Osteoprogenitor and Endothelial Progenitor Cells. Pharmaceutics. 2021; 13 (8). DOI: 10.3390/pharmaceutics13081152. FI: 6,321. (Q1).

FEITO CASTELLANO, MARIA JOSE, CASARRUBIOS MOLINA, LAURA, Onaderra, M. , Gomez-Duro, M. , Arribas, P. , Polo-Montalvo, A. , Vallet-Regi, M. , Arcos, D. , PORTOLÉS PÉREZ, MARÍA TERESA. Response of RAW 264.7 and J774A.1 macrophages to particles and nanoparticles of a mesoporous bioactive glass: A comparative study. COLLOIDS AND SURFACES B-BIOINTERFACES. 2021; 208. DOI: 10.1016/j.colsurfb.2021.112110. FI: 5,268. (Q1).

AWARDS

Researcher aware: María Teresa Portolés. Winning work: . Award: Valoración EXCELENTE en la Evaluación de la Calidad Docente organizada por el Vicerrectorado de Desarrollo y Calidad de la Docencia (UCM) .



CELL – BIOMATERIAL INTERFACES

A) Human osteosarcoma cells – Nanographene oxide

B) Osteoblasts - Silicon substituted nanocrystalline hydroxyapatite [Nano-SiHA]

C) Endothelial progenitor cells – Nano-SiHA with adsorbed VEGF

Immunology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

18

N° OF PAPERS JCR INDEXED

16

% OPEN ACCESS (N°)

83% (15)

CITABLE ITEMS

89% (16)

Q1 (CITABLE ITEMS)

56% (9)

D1 (CITABLE ITEMS)

6% (1)

CUMULATIVE IF

84,08

AVERAGE IF

6,01



OVERVIEW

This is a translational research group in the study of immunological biomarkers aimed at targeted diagnosis and the development of immunomodulation strategies in the field of primary and secondary immunodeficiencies and autoimmune diseases, as well as in other immune-based pathologies, such as recurrent gestational failure of inflammatory cause, in which this group is a pioneer in Spain.

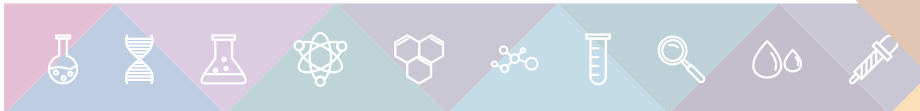
The group has established strong collaborations with national groups (Dr. Rebeca Pérez de Diego, from IdiPaz, with the group of Dr. Ángel L Corbí, from the CIB and with the Department of Immunology of the Faculty of Medicine, led by Prof. José Ramón Regueiro), and international groups (Dr. Florence Faure, Institut Curie and Dr. Matthew L Albert, Institut Pasteur) and has obtained national and EU public research projects and is involved in the elaboration of consensus of Spanish and international societies (SICAM, SEI, ESID, FOCIS).

LEADING RESEARCHERS

Silvia Sánchez Ramón
Miguel Fernández Arquero

MEMBERS

Alberto Varas Fajardo
Ana Sarnago Gonzalo
Ángeles Matey Martín
Ángeles Vicente López
Barbara Alonso Arenilla
Carlos Jiménez García
Carmen Izquierdo Delgado
Cristina Benito Villalvilla
Eva Jiménez Pérez
Gustavo Esteban Cordero Torres
Jacobo López-Abente Muñoz
Jarís Valencia Mahon
Juliana Lucía Ochoa Grullón
Kissy Annet María Guevara Hoyer
Laura García Reguero
Leticia Martín de la Cruz
Lidia Martínez Fernández de Sevilla
Luis Manuel Moltó Delgado
María Azucena Arenas Arroyo
Nabil Alberto Subhi-Issa Marín
Natalia Rodríguez Vicente
Oscar Palomares Gracia
Rodrigo Jiménez Saiz
Rosa M. Sacedón Ayuso



SELECTED PUBLICATIONS

GUEVARA HOYER, KISSY ANNET MARÍA, Jimenez-Huete, Adolfo , Vasconcelos, Julia , Neves, Esmeralda , SÁNCHEZ RAMÓN, SILVIA. Variable immunodeficiency score upfront analytical link (VISUAL), a proposal for combined prognostic score at diagnosis of common variable immunodeficiency. SCIENTIFIC REPORTS. 2021; 11 (1): . DOI: 10.1038/s41598-021-91791-2. FI: 4,379. (Q1).

OCHOA GRULLON, JULIANA LUCIA, BENAVENTE CUESTA, CELINA, Gonzalez Fernandez, Ataulfo , Cordero Torres, Gustavo , Perez Lopez, Cristina , Pena Cortijo, Ascension , Conejero Hall, Laura , Mateo Morales, Marta , RODRÍGUEZ DE LA PEÑA, ANTONIA, Diez-Rivero, Carmen M. , RODRIGUEZ DE FRIAS, EDGARD ALFONSO, GUEVARA HOYER, KISSY ANNET MARÍA, FERNÁNDEZ ARQUERO, MIGUEL, SÁNCHEZ RAMÓN, SILVIA. Trained Immunity-Based Vaccine in B Cell Hematological Malignancies With Recurrent Infections: A New Therapeutic Approach. FRONTIERS IN IMMUNOLOGY. 2021; 11 (1): . DOI: 10.3389/fimmu.2020.611566. FI: 7,561. (Q1).

SÁNCHEZ RAMÓN, SILVIA, FERNÁNDEZ PAREDES, LIDIA, Saz-Leal, Paula , Diez-Rivero, Carmen M. , OCHOA GRULLON, JULIANA LUCIA, Morado, Concepcion , Macarron, Pilar , Martinez, Cristina , Villaverde, Virginia , RODRÍGUEZ DE LA PEÑA, ANTONIA, Conejero, Laura , Hernandez-Llano, Keyla , Cordero, Gustavo , FERNÁNDEZ ARQUERO, MIGUEL, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, CANDELAS RODRÍGUEZ, GLORIA. Sublingual Bacterial Vaccination Reduces Recurrent Infections in Patients With Autoimmune Diseases Under Immunosuppressant Treatment. FRONTIERS IN IMMUNOLOGY. 2021; 12 (1): . DOI: 10.3389/fimmu.2021.675735. FI: 7,561. (Q1).

DOCTORATE THESES

Doctoral candidate: MARÍA NÚÑEZ BELTRÁN. Thesis title: Histocompatibilidad, KIR A, B y C en el fallo reproductivo. Director(s): SILVIA SÁNCHEZ RAMON, MIGUEL FERNÁNDEZ ARQUERO, MIGUEL ÁNGEL HERRÁIZ. University: Universidad Complutense de Madrid.

Doctoral candidate: JULIANA OCHOA GRULLÓN. Thesis title: PROTOCOLIZACIÓN DEL TRATAMIENTO CON. Director(s): SILVIA SÁNCHEZ RAMON, CELINA BENAVENTE CUESTA. University: Universidad Complutense de Madrid.

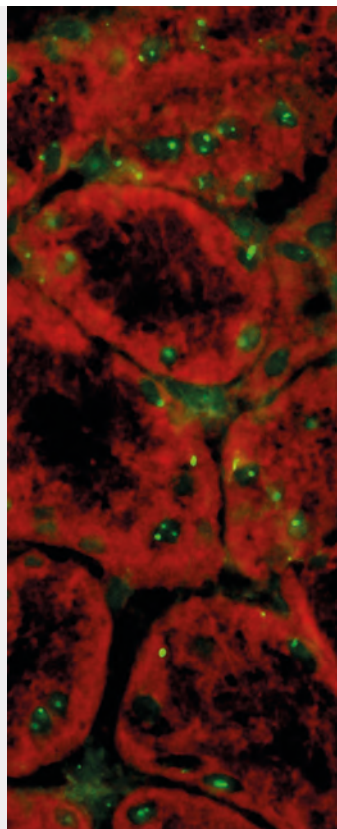
Doctoral candidate: KISSY GUEVARA HOYER. Thesis title: GAMMAGLOBULINAS EN PACIENTES CON. Director(s): SILVIA SÁNCHEZ RAMON, REBECA PÉREZ DE DIEGO. University: Universidad Complutense de Madrid.

NEW NON COMPETITIVE FUNDING

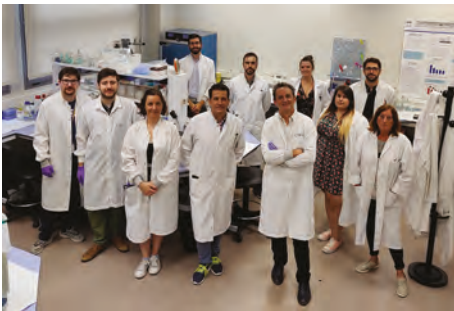
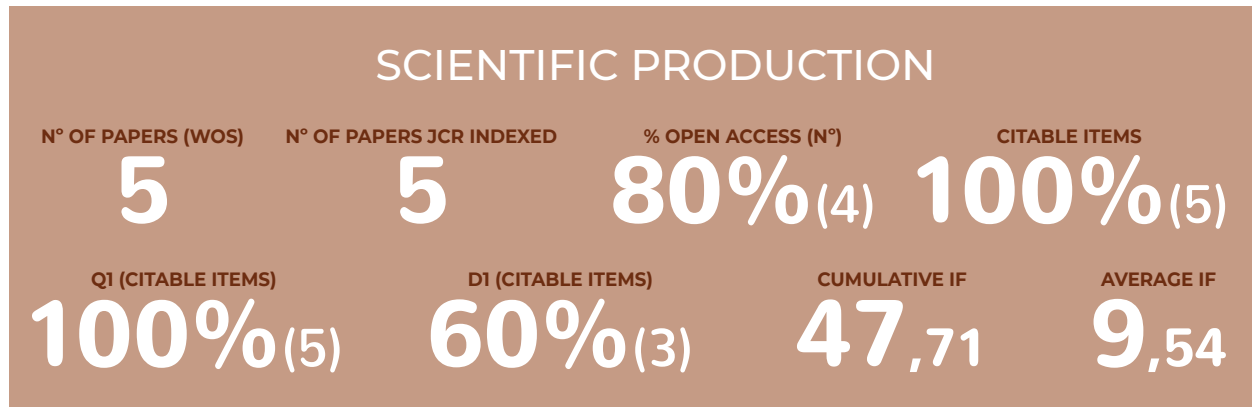
ECL.21/392. ESTUDIO MULTICÉNTRICO NACIONAL DE INMUNODEFICIENCIA SECUNDARIA SOBRE LA PRODUCCIÓN DE ANTICUERPOS FRENTE A LA VACUNA DE SALMONELLA TYPHI (SIMPATHY-2). PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: .

TECHNOLOGY TRANSFER

Intellectual property registries: Atlas de Inmunofluorescencia indirecta Autoimmunity. Registry date: 25 de agosto de 2021. IIIA.12.



Organ and tissue on chip group and In-Vitro detection



RED 2018-102768-T
MEPICS: Circuitos fotónicos integrados de membrana

LEADING RESEARCHER

Miguel Holgado Bolaños

MEMBERS

- Alberto Bellido Del Arco
- Álvaro Lavín Hueros
- Ana López Hernández
- Ana María Martín Murillo
- Araceli Díaz Perales
- Beatriz Santamaría Fernández
- Jaime Tome Amat
- Luca Tramarin
- Luis González Valle
- María Fé Lagurna Heras
- María Garrido Arandia
- Pedro Herreros Pérez
- Rafael Casquel Del Campo
- Raquel Herrero Labrador
- Rocío López Espinosa
- Sergio Andrés Quintero Moreno
- Yolanda Ramírez Alonso

OVERVIEW

The Optics, Photonics and Biohotonics Group (GOFB) is specialized in Research, Technological Development and Innovation of advanced chemical, biochemical and in-vitro diagnostic systems, as well as in the implementation of photonic transducers and bio transducers on a chip, biokits, readout platforms, bioreactors, tissue-on-a-chip and organon-chips.

The main objective is the development of Tissue on-a-chip platforms with integrated In-Vitro diagnostic systems for Therapy evaluation and personalized medicine. Moreover, the continuous development of advanced In-Vitro diagnostic systems for multiple applications.



SELECTED PUBLICATIONS

Murillo, A. M. M., TOME AMAT, JAIME, Ramirez, Y., Garrido-Arandia, M., Valle, L. G., Hernandez-Ramirez, G., Tramarin, L., HERREROS PÉREZ, PEDRO, Santamaria, B., Diaz-Perales, A., HOLGADO BOLAÑOS, MIGUEL. Developing an Optical Interferometric Detection Method based biosensor for detecting specific SARS-CoV-2 immunoglobulins in Serum and Saliva, and their corresponding ELISA correlation. *SENSORS AND ACTUATORS B-CHEMICAL*. 2021; 345 (): . DOI: 10.1016/j.snb.2021.130394. FI: 7,46. (D1).

HERREROS PÉREZ, PEDRO, Ballesteros-Esteban, Luis M., Laguna, María Fe, Leyva, Inmaculada, Sendina-Nadal, Irene, HOLGADO BOLAÑOS, MIGUEL. Neuronal circuits on a chip for biological network monitoring. *Biotechnology Journal*. 2021; 16(7): -. DOI: 10.1002/biot.202000355. FI: 3,912. (Q1).

Ashammakhi, Nureddin, Lopez Hernandez, Ana, Unluturk, Bige Deniz, QUINTERO MORENO, SERGIO ANDRÉS, de Barros, Natan Roberto, Apu, Ehsanul Hoque, Bin Shams, Abdullah, Ostrovidov, Serge, Li, Jinxing, Contag, Christopher, Gomes, Antoinette S., HOLGADO BOLAÑOS, MIGUEL. Biodegradable Implantable Sensors: Materials Design, Fabrication, and Applications. *ADVANCED FUNCTIONAL MATERIALS*. 2021; 31 (49). DOI: 10.1002/adfm.202104149. FI: 18,808. (D1).

AWARDS

Researcher aware: Beatriz Santamaría Fernández. Winning work: doctorate theses: Development and Optimization of an Optical Label-Free Biosensor for Ocular Pathologies. Award: Premio Extraordinario de Tesis Doctoral de la Universidad Politécnica de Madrid del curso 2019-2020. Otorgado en el año 2021.

Researcher aware: Beatriz Santamaría Fernández. Winning work: doctorate theses: Development and Optimization of an Optical Label-Free Biosensor for Ocular Pathologies. Award: Accésit al premio "Francisco del Pozo" a la mejor tesis doctoral realizada en el CTB en el 2020. Otorgado en el año 2021.

Researcher aware: Ana María Martín Murillo. Winning work: doctorate theses: Sistemas de diagnóstico in-vitro de alta sensibilidad en muestra real. Award: Concurso Tu Tesis Doctoral en un Hilo de Twitter: #HiloTesis.

DOCTORATE THESES

Doctoral candidate: Sergio Andrés Quintero Moreno. Thesis title: ADVANCED APPLICATIONS OF REFRACTIVE INDEX OPTICAL INTERFEROMETRIC SENSORS. Director(s): Miguel Holgado Bolaños. University: Universidad Politécnica de Madrid.

TECHNOLOGY TRANSFER

Método óptico de detección de una molécula objetivo mediante amplificación en la respuesta de interferencia por índice de refracción y dispersión. Date of granting: 19.10.2020. Date of licence: Copropiedad. Inventors: HOLGADO BOLAÑOS, Miguel; DIAZ PERALES, Araceli; GARRIDO ARANDIA, María; LÓPEZ ESPINOSA, Rocío; ROMERO SAHAGÚN, Alejandro; LAGUNAS HERAS, María Fe; FERNÁNDEZ PACIOS, Luis; SANTAMARÍA FERNÁNDEZ, Beatriz; RAMÍREZ ALONSO, Yolanda y SANZA GUTIÉRREZ, Francisco Javier.

Interferometric detection method. Date of granting: 05.02.2014. Date of licence: 15.01.2015. Inventors: HOLGADO

BOLAÑOS, Miguel; SANZA GUTIÉRREZ, Francisco Javier; LAGUNA HERAS, María Fe LAVIN HUEROS, Álvaro CASQUEL DEL CAMPO, Rafael.

Sistema de detección óptica para bio-ensayos de alta sensibilidad sin marcado. Date of granting: 16.11.2011. Date of licence: 15.01.2015. Inventors: HOLGADO BOLAÑOS, Miguel; OCAÑA MORENO, José Luis; LAGUNA HERAS, María Fe MOLPECERES ÁLVAREZ, Carlos CASQUEL DEL CAMPO, Rafael MORALES FURIÓ, Miguel.

Procedimiento de marcaje, encriptación, etiquetado y codificación óptica. Date of granting: 22.07.2011. Inventors: BARRANCO QUERO, Ángel RODRIGUEZ GONZALEZ-ELIPE, Agustín SÁNCHEZ VALENCIA, Juan Ramón APARECIO REBOLLO, Francisco Javier BLASZCZYK-LEZAK, Iwona Krystina HOLGADO BOLAÑOS, Miguel; OCAÑA MORENO, José Luis; MOLPECERES ÁLVAREZ, Carlos CASQUEL DEL CAMPO, Rafael GARCÍA BALLESTEROS-RAMIREZ, Juan José MORALES FURIÓ, Miguel.

MOBILITY OF RESEARCHER

Research mobility: Rocío López Espinosa. Country: Munich, Alemania. Center: Facultad de Medicina de la Universidad de Munich. Date of departure: 18/08/2021. Return date: 27/08/2021.

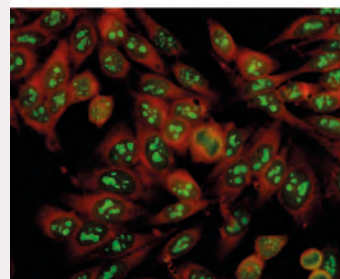
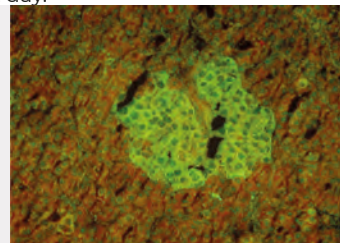
Research mobility: Rocío López Espinosa. Country: Munich, Alemania. Center: Facultad de Medicina de la Universidad de Munich. Date of departure: 28/06/2022. Return date: 02/07/2021.

Research mobility: Rocío López Espinosa. Country: Amberg, Países Bajos. Center: Facultad de Medicina de la Universidad de Amberg. Date of departure: 15/08/2021. Return date: 18/08/2021.

Research mobility: Rocío López Espinosa. Country: Viena, Austria. Center: Facultad de Medicina de Viena. Date of departure: 27/07/2021. Return date: 30/07/2021.

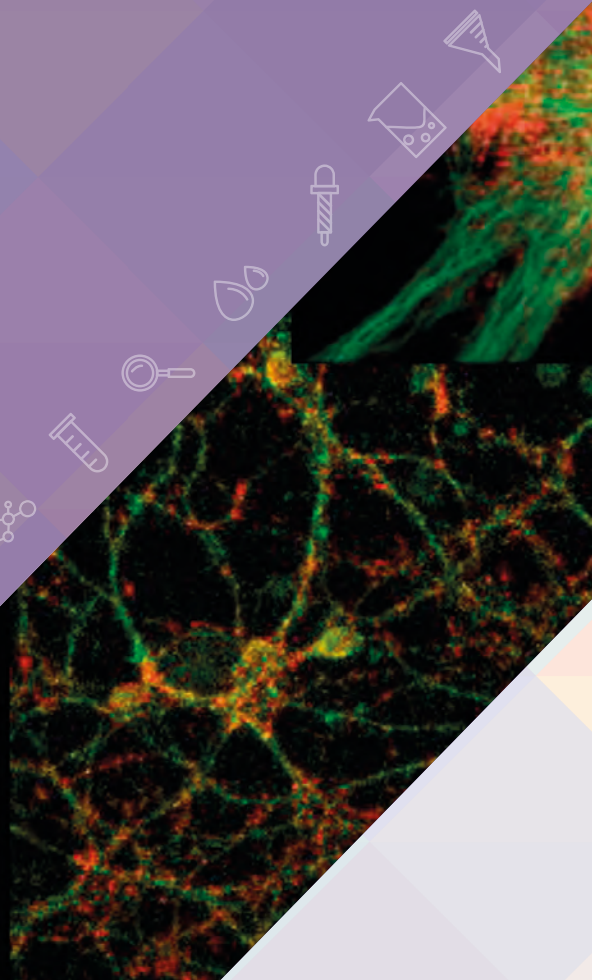
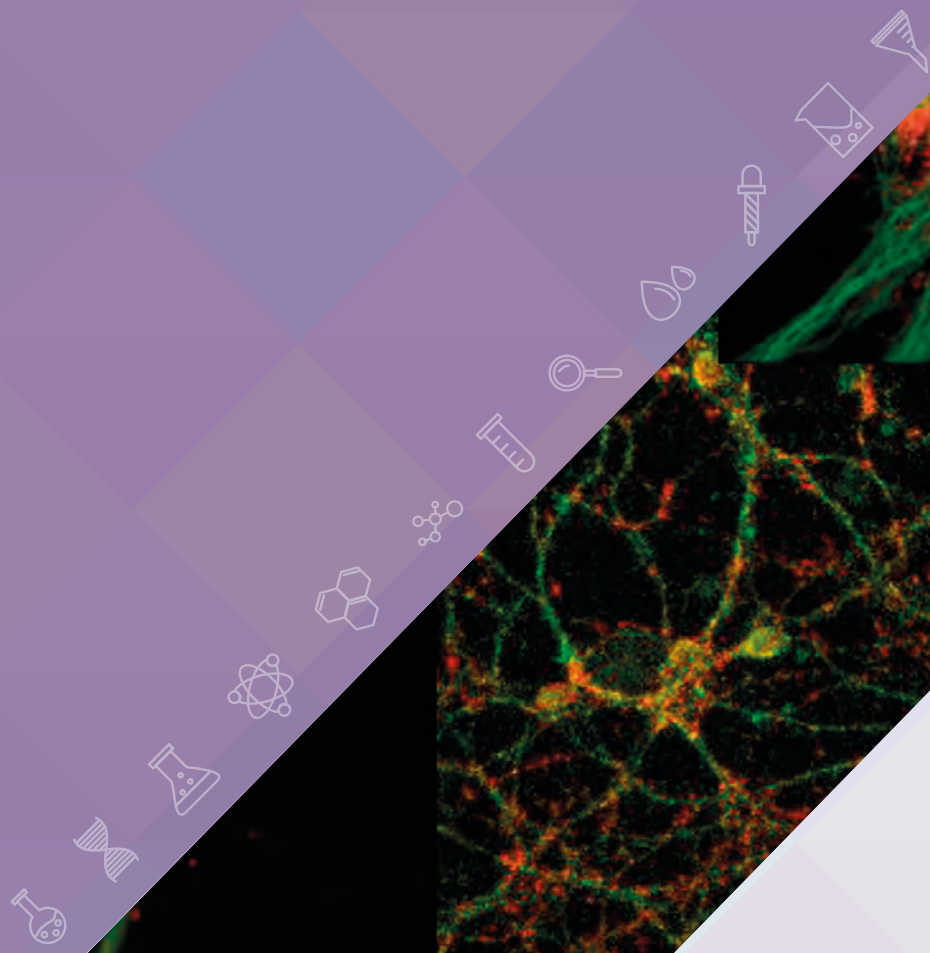
Research mobility: Rocío López Espinosa. Country: Milan, Italia. Center: Clínica Polispecialistica San Carlo. Date of departure: 04/08/2021. Return date: 07/08/2021.

Research mobility: Ana López Hernández. Country: Los Ángeles, CA, Estados Unidos. Center: Terasaki Institute of California. Date of departure: 01/02/2020. Return date: to the present day.



NEUROSCIENCE

NEC



GROUPS

NEC.1	Clinical and Neurobiological Research in Psychiatry and Mental Health
NEC.2	Advanced Research in Personality Disorders, Aggression and Impulse Control
NEC.3	Psychoneuroendocrinology, Molecular Neuroimaging and Genetics in Neuropsychiatric Diseases
NEC.5	Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)
NEC.6	Neurological Diseases
NEC.7	Research group on environmental factors in degenerative diseases
NEC.9	Brain Mapping
NEC.13	Neurotransmission and Purinergic Signaling
NEC.18	Research in Glaucoma, Retina and Visual Pathways
NEC.20	Neurotransmission and Neuromodulation in the Central and Peripheral Nervous System
NEC.21	Pharmaceutical Innovation in Ophthalmology
NEC.22	Pathophysiology and INA Neurological Therapeutics (NEURO-INA-IN)
NEC.23	Biomaterials and Regenerative Medicinerative Medicine
NEC.24	Clinical Neuroscience Laboratory

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esclerosismúltiple

oftaRed⁰⁰⁰ isciiii
RETICS Patología Ocular

INOICTUS

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ANNUAL GOALS

Promote communication between groups in the area

 **COMPLETED**

Promote the participation of residents in research

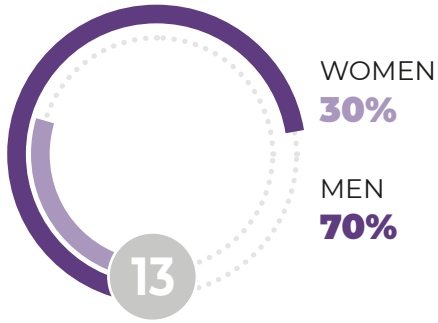
 **ON GOING**

Increasing the interface between basic research and clinical research within the area

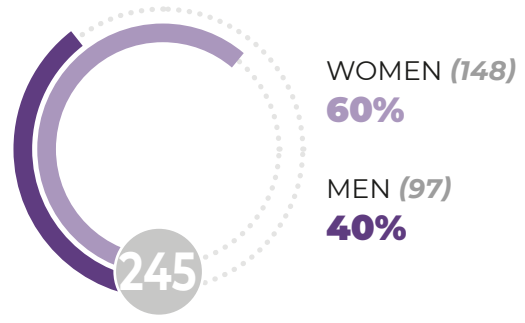
 **ON GOING**



GROUP LEAD RESEARCHERS



ACCUMULATED TOTAL PROFESSIONALS IN THE AREA



ACTIVITY

New project competitive funding



New project non competitive funding



Awards



Clinical practice guidelines



Doctorate Theses



Mobility of Researcher



Technology Transfer



SCIENTIFIC PRODUCTION

Area
NEC

N° of Papers (WoS)

% OA: ● 62,45

253

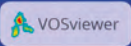
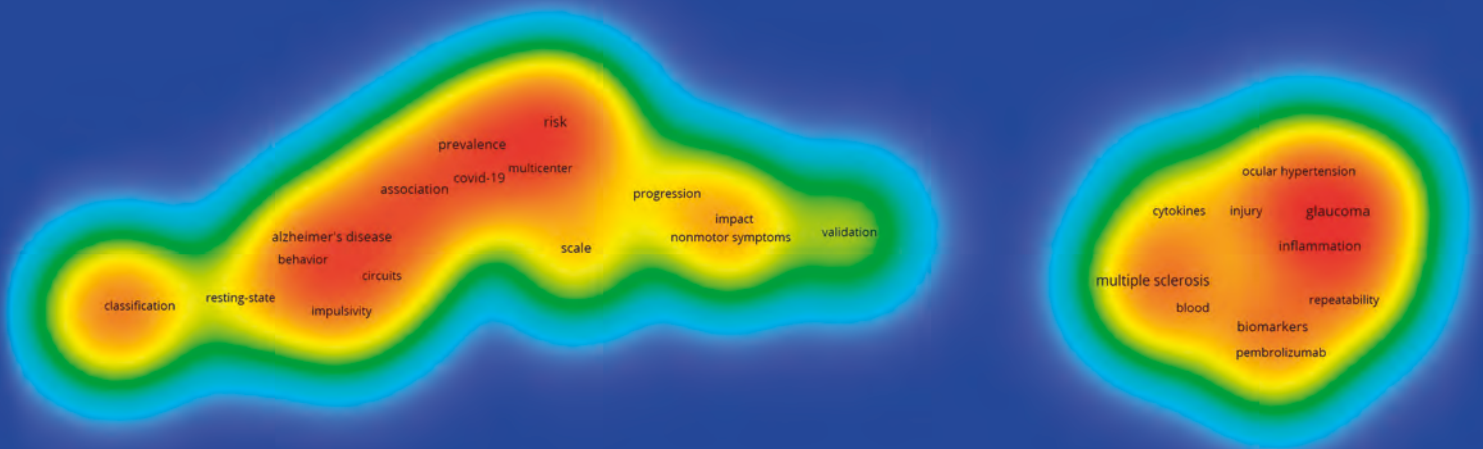
N° of Citable Items

% Q1: ● 47,06

187

% D1: ● 13,37

Keywords (> 5 frequency)





Top 5: Journals with the highest publication rate


During 2021, the Neurology area's researchers have published in a total of 152 different journals. The top 5 journals where they publish the most are shown below. It represents the 16.6% of the scientific production of this area. Three of these journals are in the first quartile of the JCR 2021 for their thematic category.

JOURNAL	Nº OF PAPERS (WoS)	TIMES CITED	AVERAGE PER ITEM	QUARTIL 2021	WOS CATEGORY	ARTICLE INFLUENCE SCORE 2021	JOURNAL CITATION INDICATOR 2021	IF (WITHOUT SELF CITATIONS) 2021
JOURNAL FRANCAIS D OPHTALMOLOGIE	13	2	0,15	Q4 (58/61)	OPHTHALMOLOGY	0.234	0.32	1.099
NEUROLOGIA	10	11	1,10	Q1 (45/212)	CLINICAL NEUROLOGY	0.846	0.78	5.229
JOURNAL OF CLINICAL MEDICINE	7	14	2,00	Q2 (54/172)	MEDICINE, GENERAL & INTERNAL	1.083	1.01	4.722
MULTIPLE SCLEROSIS JOURNAL	7	0	0,00	Q1 (40/212)	CLINICAL NEUROLOGY	1.569	1.31	5.462
EUROPEAN JOURNAL OF NEUROLOGY	5	14	2,80	Q1 (33/212)	CLINICAL NEUROLOGY	1.641	1.29	6.023
Total	42	41	0,98					


Selected 5 publications

 FRAGUAS HERRAEZ, DAVID, Diaz-Caneja, Covadonga M. , Ayora, Miriam , Duran-Cutilla, Manuel , Abregu-Crespo, Renzo , Ezquiaga-Bravo, Iciar , Martin-Babarro, Javier , Arango, Celso . Assessment of School Anti-Bullying Interventions A Meta-analysis of Randomized Clinical Trials. JAMA Pediatrics. 2021; 175 (1): 44:55. DOI: 10.1001/jamapediatrics.2020.3541. FI: 16,193. (D1).

 TREU, SVENJA, Gonzalez-Rosa, Javier J. , Soto-Leon, Vanesa , Lozano-Soldevilla, Diego , Oliviero, Antonio , Lopez-Sosa, Fernando , RENESES PRIETO, BLANCA, BARCIA ALBACAR, JUAN ANTONIO, STRANGE, BRYAN ANDREW. A ventromedial prefrontal dysrhythmia in obsessive-compulsive disorder is attenuated by nucleus accumbens deep brain stimulation. BRAIN STIMULATION. 2021; 14 (4): 761:770. DOI: 10.1016/j.brs.2021.04.028. FI: 8,955. (D1).

 Piedrahita-Alonso, Elena , VALVERDE MEGIAS, ALICIA, GOMEZ DE LIAÑO, ROSARIO. Validity and Reliability of Semiautomatic Ocular Cycloposition Measurement With Spectralis Optical Coherence Tomography. AMERICAN JOURNAL OF OPHTHALMOLOGY. 2021; 222 (1): 248:255. DOI: 10.1016/j.ajo.2020.09.005. FI: 5,258. (D1).

 Bousquet, Jean , Agache, Ioana , Blain, Hubert , Jutel, Marek , Ventura, Maria Teresa , Worm, Margitta , Del Giacco, Stefano , Benetos, Athanasios , Bilo, Beatrice Maria , Czarlewski, Wienczyslawa , Abdul Latiff, Amir Hamzah , Al-Ahmad, Mona , Angier, Elizabeth , Annesi-Maesano, Isabella , Atanaskovic-Markovic, Marina , Bachert, Claus , Barbaud, Annick , Bedbrook, Anna , Bennoor, Kazi S. , Berghea, Elena Camelia , Bindsløv-Jensen, Carsten , Bonini, Sergio , Bosnic-Anticevich, Sinthia , Brockow, Knut , Brussino, Luisa , Camargos, Paulo , Canonica, G. Walter , Cardona, Victoria , Carreiro-Martins, Pedro , Carriazo, Ana , Casale, Thomas , Caubet, Jean-Christoph , Cecchi, Lorenzo , Cherubini, Antonio , Christoff, George , Chu, Derek K. , Cruz, Alvaro A. , Dokic, Dejan , El-Gamal, Yehia , Ebisawa, Motohiro , Eberlein, Bernadette , Farrell, John , FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Fokkens, Wytse J. , Fonseca, Joao A. , Gao, Yadong , Gavazzi, Gaetan , Gawlik, Radoslaw , Gelincik, Asli , Gemicioglu, Bilun , Gotua, Maia , Guerin, Olivier , Haahela, Tari , Hoffmann-Sommergruber, Karin , Hoffmann, Hans Jurgen , Hofmann, Maja , Hrubisko, Martin , Illario, Maddalena , Irani, Carla , Ispayeva, Zhanat , Ivancevich, Juan Carlos , Julge, Kaja , Kaidashev, Igor , Khaitov, Musa , Knol, Edward , Kraxner, Helga , Kuna, Piotr , Kvedariene, Violeta , Lauerma, Antti , Le, Lan T. T. , Le Moing, Vincent , Levin, Michael , Louis, Renaud , Lourenco, Olga , Mahler, Vera , Martin, Finbarr C. , Matucci, Andrea , Milenkovic, Branislava , Miot, Stephanie , Montella, Emma , Morais-Almeida, Mario , Mortz, Charlotte G. , Mullol, Joaquim , Namazova-Baranova, Leyla , Neffen, Hugo , Nekam, Kristof , Niedoszytko, Marek , Odemyr, Mikaela , O'Hehir, Robyn E. , Okamoto, Yoshitaka , Ollert, Markus , Palomares, Oscar , Papadopoulos, Nikolaos G. , Panzner, Petr , Passalacqua, Giovanni , Patella, Vincenzo , Petrovic, Mirko , Pfaar, Oliver , Pham-Thi, Nhan , Plavec, Davor , Popov, Todor A. , Recto, Marysia T. , Regateiro, Frederico S. , Reynes, Jacques , Roller-Winsberger, Regina E. , Rolland, Yves , Romano, Antonino , Rondon, Carmen , Rottem, Menachem , Rouadi, Philip W. , Salles, Nathalie , Samolinski, Boleslaw , Santos, Alexandra F. , Sarquis, Faradiba , SASTRE VALERA, JAVIER, M. G. A. Schols, Jos , Scichilone, Nicola , Sediva, Anna , Shamji, Mohamed H. , Sheikh, Aziz , Skypala, Isabel , Smolinska, Sylwia , Sokolowska, Milena , Sousa-Pinto, Bernardo , Sova, Milan , Stelmach, Rafael , Sturm, Gunter , Suppli Ulrik, Charlotte , Todo-Bom, Ana Maria , Toppila-Salmi, Sanna , Tsiligianni, Ioanna , TORRES MOLINA, MAGDALENA, Untersmayr, Eva , Urrutia Pereira, Marilyn , Valiulis, Arunas , Vitte, Joana , Vultaggio, Alessandra , Wallace, Dana , Walusiak-Skorupa, Jolanta , Wang, De-Yun , Wasserman, Susan , Yorgancioglu, Arzu , Yusuf, Osman M. , Zernoff, Mario , Zidarn, Mihaela , Chivato, Tomas , Akdis, Cezmi A. , Zuberbier, Torsten , Klimek, Ludger . Management of anaphylaxis due to COVID-19 vaccines in the elderly. Allergy. 2021; 76 (10): 2952:2964. DOI: 10.1111/all.14838. FI: 13,146. (D1).

 LÓPEZ CANO, JOSE JAVIER, Gonzalez-Cela-Casamayor, Miriam Ana , ANDRÉS GUERRERO, VANESSA, HERRERO VANRELL, ROCÍO, MOLINA MARTÍNEZ, IRENE TERESA. Liposomes as vehicles for topical ophthalmic drug delivery and ocular surface protection. EXPERT OPINION ON DRUG DELIVERY. 2021; 18 (7): 819:847. DOI: 10.1080/17425247.2021.1872542. FI: 6,648. (D1).

SCIENTIFIC PRODUCTION (2017-2021)



1.102 ←... N° of papers WoS

655 ←... N° citable items

45 ←... % of papers OA

8.567 ←... Times Cited

7.532 ←... Citing Articles

7,77 ←... Average per item (Total papers WoS)

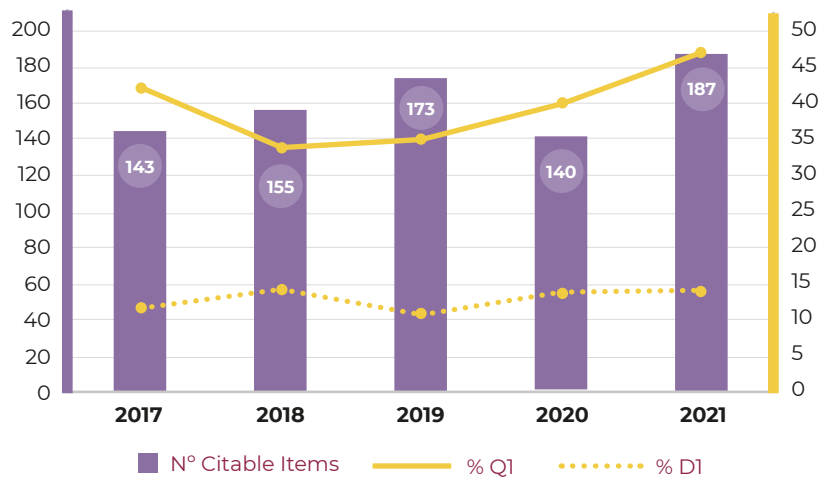
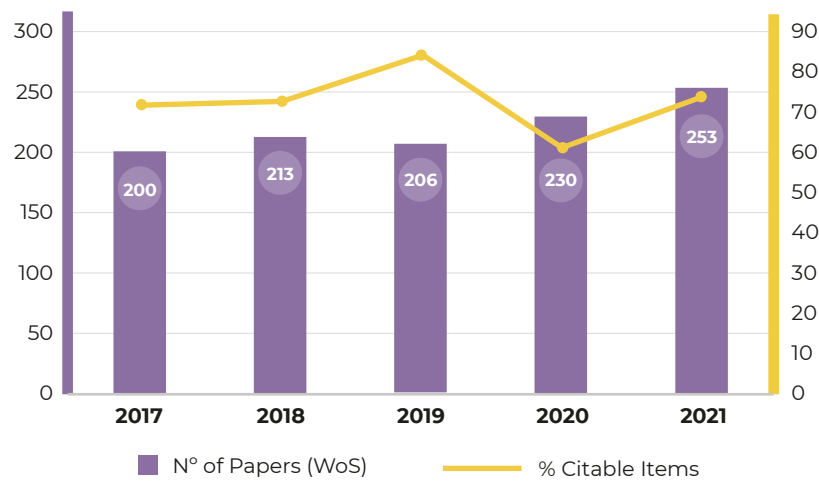
475,94 ←... Average per year (Total papers WoS)

5,61 ←... % Self-citations (Total papers WoS)

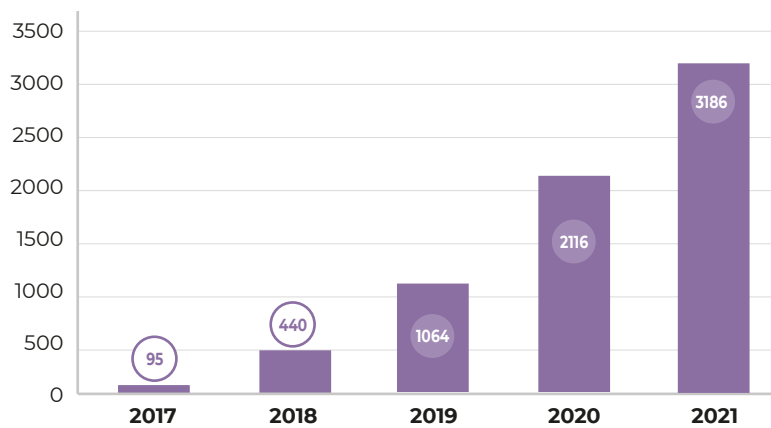
40 ←... h index

39,33 ←... % Q1 (Total citable items)

11,89 ←... % D1 (Total citable items)



Times cited by year

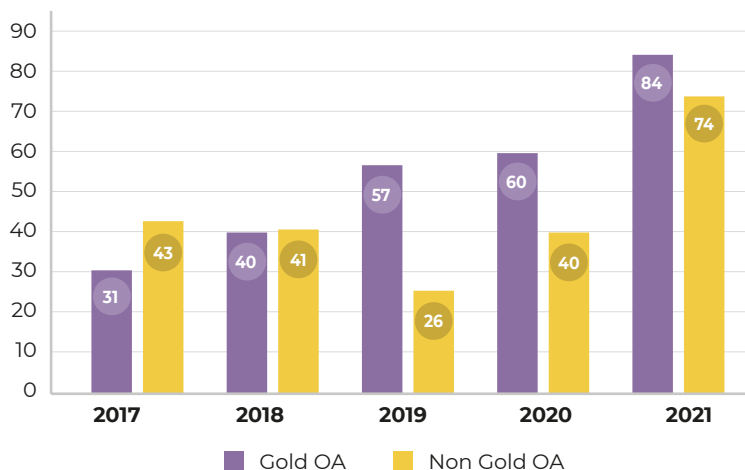


*WoS download 13.07.2022

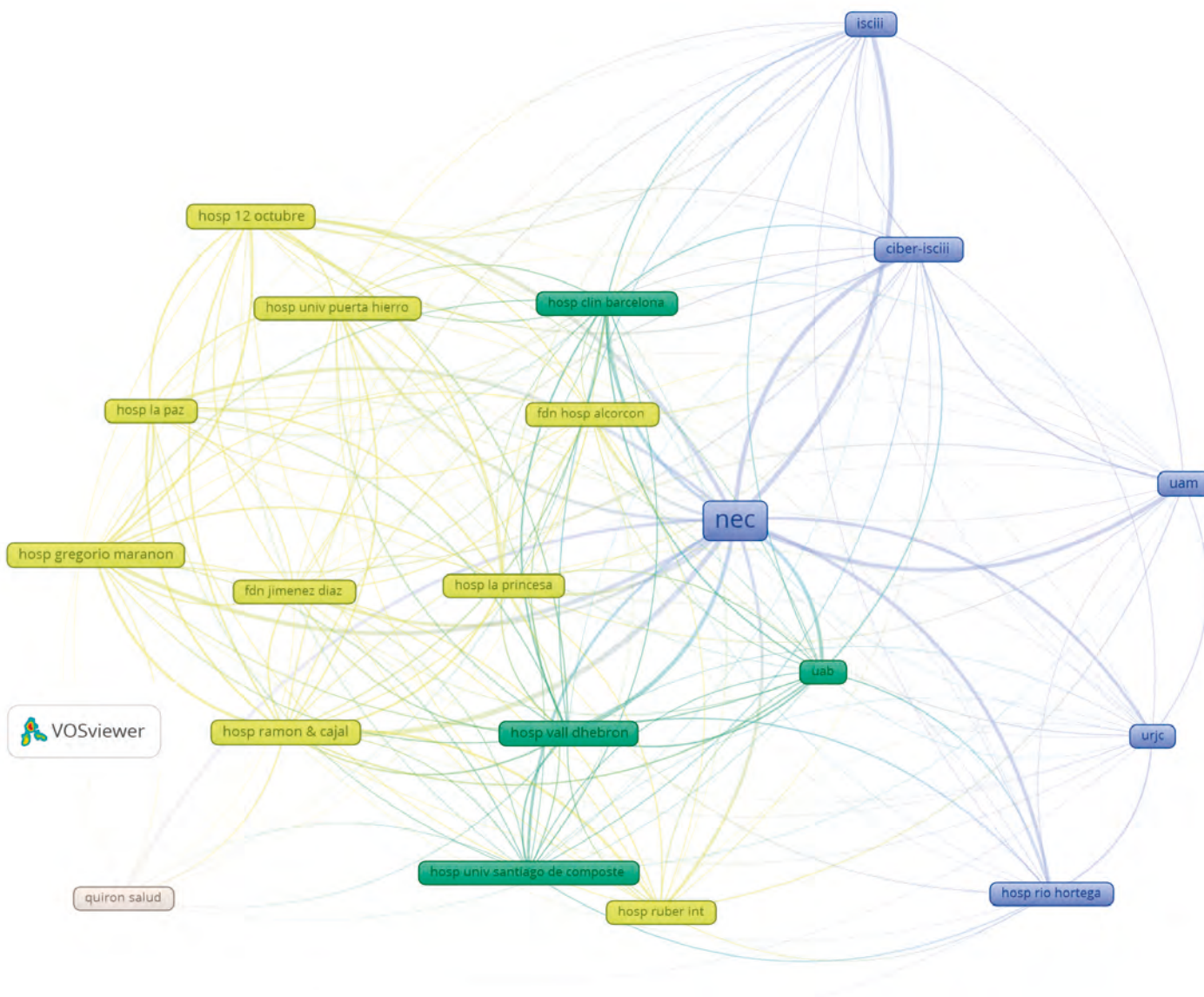
Top 5: Most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE	IF	OA TYPE
Acute-onset smell and taste disorders in the context of COVID-19: a pilot multicentre polymerase chain reaction based case-control study	EUROPEAN JOURNAL OF NEUROLOGY	219	2020	Q1 (30/208)	CLINICAL NEUROLOGY	1.593	6.089	Non Gold OA
Association of Initial Disease-Modifying Therapy With Later Conversion to Secondary Progressive Multiple Sclerosis	JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	182	2019	Q1 83/165)	MEDICINE, GENERAL & INTERNAL	21.694	45.540	Non Gold OA
Neurotrophic keratopathy	PROGRESS IN RETINAL AND EYE RESEARCH	132	2018	Q1 (1/60)	OPHTHALMOLOGY	4.054	11.768	Non Gold OA
Efficacy of Tocilizumab in Patients With Moderate-to-Severe Corticosteroid-Resistant Graves Orbitopathy: A Randomized Clinical Trial	AMERICAN JOURNAL OF OPHTHALMOLOGY	98	2018	Q1 (6/60)	OPHTHALMOLOGY	1.485	4.483	NO OA
A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder	NATURE COMMUNICATIONS	83	2020	Q1 (4/72)	MULTIDISCIPLINARY SCIENCES	5.565	14.919	Gold OA

Open Access



Scientific Collaboration by center (> 30 papers)



Clinical and Neurobiological Research in Psychiatry and Mental Health

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
20	20	65% (13)	80% (16)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
56% (9)	19% (3)	78,37	4,89



cibersam isciiii

OVERVIEW

This group was created on the basis of the Psychiatry and Mental Health Research Group led by Professor Juan José López-Ibor until December 2014, and the subsequent incorporation of Professor Thomas Palomo, PI of the G19 Group of CIBERSAM. In order to continue the already established lines, and to strengthen the research in the area of clinical and basic research of mental disorders, particularly in psychoses and related disorders, this group has a shared coordination between Prof. Tomas Palomo (Universidad Complutense de Madrid) and Dr. Blanca Reneses (San Carlos Clinical Hospital).

Recently, in 2020, David Fraguas joined the group, contributing a new line of research. David Fraguas, psychiatrist and researcher at the Institute of Psychiatry and Mental Health of the Hospital Clínico San Carlos, is the scientific coordinator of the "Cohort of People with a First Psychotic Episode (CoPEP)". This is the largest cohort of people with a first psychotic episode in Spain and one of the largest in the world. 15 research groups from 5 Autonomous Communities participate in it.

LEADING RESEARCHERS

Blanca Reneses Prieto
Tomás Palomo Álvarez

MEMBERS

Antonio Pelaz Antolín
Beatriz Serván Rendon-Luna
David Fraguas Herraes
Diego Figuera Álvarez
Elisa Rodríguez Toscano
Filiberto Fuentesbro De Diego
Isabel María Argudo Carpel
Jose Antonio Gallastegui Galán
Julia García-Albea Martín
Julia María Del Rio Vega
Julia Sevilla Llewellyn-Jones
Laura Oca Bravo
Lucía Gallego Deike
M^a Del Rosario Pérez Moreno
M^a Isabel Ramos García
María Dolores Saiz González
María Inés López-Ibor Alcocer
María Luisa Zamarro Arranz
Marta García Huescar
Nuria Tur Salamanca
Rosa María Molina Ruíz



SELECTED PUBLICATIONS

Salgado-Pineda, Pilar , Rodriguez-Jimenez, Roberto , Moreno-Ortega, Marta , Dompablo, Monica , Martinez de Aragon, Ana , Salvador, Raymond , McKenna, Peter J. , Pomarol-Clotet, Edith , PALOMO ÁLVAREZ, TOMÁS. Activation and deactivation patterns in schizophrenia during performance of an fMRI adapted version of the stroop task. JOURNAL OF PSYCHIATRIC RESEARCH. 2021; 144: 1:7. DOI: 10.1016/j.jpsychires.2021.09.039. FI: 4,791. (Q1).

FRAGUAS HERRAEZ, DAVID, Diaz-Caneja, Covadonga M. , Pina-Camacho, Laura , Rossum, Inge Winter van , Baandrup, Lone , Sommer, Iris E. , Glenthøj, Birte , Kahn, Rene S. , Leucht, Stefan , Arango, Celso . The role of depression in the prediction of a "late" remission in first-episode psychosis: An analysis of the OPTIMISE study. SCHIZOPHRENIA RESEARCH. 2021; 231 (): 100:107. DOI: 10.1016/j.schres.2021.03.010. FI: 4,939. (Q1).

FRAGUAS HERRAEZ, DAVID, Diaz-Caneja, Covadonga M. , Ayora, Miriam , Duran-Cutilla, Manuel , Abregu-Crespo, Renzo , Ezquiaga-Bravo, Iciar , Martin-Babarro, Javier , Arango, Celso . Assessment of School Anti-Bullying Interventions A Meta-analysis of Randomized Clinical Trials. JAMA Pediatrics. 2021; 175 (1): 44:55. DOI: 10.1001/jamapediatrics.2020.3541. FI: 16,193. (D1).

Advanced Research in Personality Disorders, Aggression and Impulse Control

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

16

N° OF PAPERS JCR INDEXED

16

% OPEN ACCESS (N°)

44% (7)

CITABLE ITEMS

75% (12)

Q1 (CITABLE ITEMS)

25% (3)

D1 (CITABLE ITEMS)

17% (2)

CUMULATIVE IF

54,36

AVERAGE IF

4,53



OVERVIEW

The group of advanced research in personality disorders, aggression and impulse control has steadily grown over the last fifteen years, on a scope consisting of severe behavioral pathologies, other than schizophreniform disorders, bipolar disorders or organic-brain disorders. The group covers the so-called personality impulsive disorders (borderline, histrionic, antisocial), explosive aggression disorders (intermittent explosive disorder), self-harm disorders (self-injurious behavior or self-mutilation, suicide) and pathological impulsive disorders (nervous bulimia and related disorders, pathological gambling and other disorders of impulse control).

As a key line of research, the NEC.2 group is interested in gaining insight into the biological study of impulsive personality traits (Carrasco et al, 1994, Diaz-Marsá et al, 2000), through neurochemical (serotonergic depletion, hypothalamic-pituitary response, platelet MAO activity) and psychological indices (personality structure, neuropsychological function, coping mechanisms) of aggressive and eating impulsive disorders (Carrasco et al, 2000, 2007, 2010) (Diaz-Marsá et al, 2007, 2009, 2020). In addition, current research development comprises the study of neuro-impulsivity markers (through RNM, magnetoencephalography) of psychogenic factors, such as childhood trauma, emotional and affective response, and attention deficit disorder. Another recent line of research to be deserved focuses on disentangling the inflammatory underpinnings and the role neuroendocrine agents (oxytocin) in impulsive behaviors and related disorders (see Caso et al., 2020; MacDowell et al., 2019). Finally, the study of suicidal behavior has been triggered by the integration of some of the group members in an ambitious research consortium (SURVIVE consortium) leading to intensive work on clarifying relevant risk factors of suicide ideation and attempt, and prevention program development.

LEADING RESEARCHER

José Luis Carrasco Perera

MEMBERS

Alejandro De La Torre Luque
 Ana Montes Montero
 Andrés Pemau Gurumeta
 Blanca Mellor Marsá
 Irene De La Vega Rodríguez
 José Manuel López Villatoro
 María Dolores Morón Nozaleda
 Marina Francisca Díaz Marsá
 Miguel Yus Fuertes
 Patricia Díaz Carracedo
 Patricia Gómez Merino
 Pilar De La Higuera González
 Rafael Fernández García-Andrade
 Verónica Fernández Rodríguez



SELECTED PUBLICATIONS

DÍAZ MARSÁ, MARINA FRANCISCA, MacDowell, Karina , de laTorre-Luque, Alejandro , Caso, Javier R. , Faya, Mar , Gutierrez, Silvia , Soto, Marta , Pemau, Andres , Diaz-Carracedo, Patricia , Carrasco-Diaz, Alvaro , Leza, Juan C. , Graell, Montserrat , CARRASCO PERERA, JOSÉ LUIS. Inflammatory dysregulation in women with an eating disorder: Relationships with altered emotional reactivity. *International Journal of Eating Disorders*. 2021; 54 (10): 1843:1854. DOI: 10.1002/eat.23598. FI: 4,861. (Q1).

Sanchez-Niubo, Albert , Forero, Carlos G. , Wu, Yu-Tzu , Gine-Vazquez, Iago , Prina, Matthew , De la Fuente, Javier , Daskalopoulou, Christina , Critselis, Elena , DE LA TORRE LUQUE, ALEJANDRO, Panagiotakos, Demosthenes , Arndt, Holger , Luis Ayuso-Mateos, Jose , Bayes-Marin, Ivet , Bickenbach, Jerome , Bobak, Martin , Felix Caballero, Francisco , Chatterji, Somnath , Egea-Cortes, Laia , Garcia-Esquinas, Esther , Leonardi, Matilde , Koskinen, Seppo , Koupil, Ilona , Mellor-Marsa, Blanca , Olaya, Beatriz , Pajak, Andrzej , Prince, Martin , Raggi, Alberto , Rodriguez-Artalejo, Fernando , Sanderson, Warren , Scherbov, Sergei , Tamosiunas, Abdonas , Tobias-Adamczyk, Beata , Tyrovolas, Stefanos , Maria Haro, Josep , ATHLOS Consortium . Development of a common scale for measuring healthy ageing across the world: results from the ATHLOS consortium. *INTERNATIONAL JOURNAL OF EPIDEMIOLOGY*. 2021; 50 (3): 880:892. DOI: 10.1093/ije/dyaa236. FI: 7,196. (D1).

Rodriguez-Quiroga, Alberto , MacDowell, Karina S. , Leza, Juan C. , CARRASCO PERERA, JOSÉ LUIS, DÍAZ MARSÁ, MARINA FRANCISCA. Childhood trauma determines different clinical and biological manifestations in patients with eating disorders. *EATING AND WEIGHT DISORDERS-STUDIES ON ANOREXIA BULIMIA AND OBESITY*. 2021; 26 (3): 847:857. DOI: 10.1007/s40519-020-00922-7. FI: 4,652. (Q2).

CLINICAL PRACTICE GUIDELINES

Sanchez-Niubo, Albert , Forero, Carlos G. , Wu, Yu-Tzu , Gine-Vazquez, Iago , Prina, Matthew , De la Fuente, Javier , Daskalopoulou, Christina , Critselis, Elena , ALEJANDRO DE LA TORRE LUQUE, Panagiotakos, Demosthenes, Arndt, Holger , Luis Ayuso-Mateos. Development of a common scale for measuring healthy ageing across the world: results from the ATHLOS consortium. *INTERNATIONAL JOURNAL OF EPIDEMIOLOGY*. 2021; 50 (3): 880:892. DOI:10.1093/ije/dyaa236.

NEW COMPETITIVE FUNDING

MDM.F01FAK21. Eficacia de un programa de intervención para reducir la conducta suicida en adolescentes con trastornos psiquiátricos: Un estudio controlado aleatorizado (SAM-PSYC). PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding Organisation: FUNDACION ALICIA KOPLOWITZ.

Psychoneuroendocrinology, Molecular Neuroimaging and Genetics in Neuropsychiatric Diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

6

N° OF PAPERS JCR INDEXED

6

% OPEN ACCESS (N°)

50%₍₃₎

CITABLE ITEMS

67%₍₄₎

Q1 (CITABLE ITEMS)

100%₍₄₎

DI (CITABLE ITEMS)

50%₍₂₎

CUMULATIVE IF

18,69

AVERAGE IF

4,67



OVERVIEW

The team works in a multidisciplinary way since the late 70s. Initially, it consisted of specialists from the Psychiatric, Neurophysiology, Nuclear Medicine and Endocrinology Services from the Hospital Clínico San Carlos, with a common interest in Neuroscience. Over time, the group has been structured and the participation of physicians in the Neurology and Geriatric Services has increased. Extensive clinical, teaching and research activities in different pathologies of this field have resulted from this work, the first publications appearing in 1979. Since 2000, the team has a Molecular Genetic Research Laboratory within the Research Unit of the Hospital Clínico San Carlos, and since early 2010, the chief of the Magnetoencephalography Center of the Complutense University of Madrid joined the group, responding to the current need of new technologies in the field of neuroimaging and genetics, in our line of multidisciplinary work.

LEADING RESEARCHER

Alberto Marcos Dolado

MEMBERS

Ana María López Sobaler
 Aranzazu Aparicio Vizueté
 Fernando Maestu Unturbe
 Jaime Gómez Ramírez
 Javier Pacios García
 Laura María Bermejo López
 María Eugenia López García
 María Luisa Delgado Losada
 Pablo Cuesta Prieto
 Patricia Villavicencio Carrillo
 Ramón López-Higes Sánchez
 Ricardo Bruña Fernández
 Rosa María Ortega Anta



SELECTED PUBLICATIONS

MARTÍN SÁNCHEZ, FRANCISCO JAVIER, VALLS CARBO, ADRIAN, LLORENS SORIANO, PEDRO, Burillo-Putze, Guillermo, Martín, Alfonso, García-Lamberechts, Jorge E., Alquezar, Aitor, MARTINEZ VALERO, CARMEN, Miranda, Juan de D., LOPEZ PICADO, AMANDA, Arrebola, Juan Pedro, LOPEZ GARCIA, MARIA EUGENIA, Parviainen, Annika, GONZÁLEZ DEL CASTILLO, JUAN MARÍA, Miro, Oscar, Jimenez, Sonia, Ferreras Amez, Jose Maria, Rubio Diaz, Rafael, Gamazo del Rio, Julio Javier, Alonso, Hector, Herrero, Pablo, Ruiz de Lobera, Noemi, Ibero, Carlos, Mayan, Placido, Peinado, Rosario, Navarro Bustos, Carmen, Manzanares, Jesus Alvarez, Roman, Francisco, Pina, Pascual, Burillo, Guillermo, Jacob, Javier, Bibiano, Carlos, Spanish Social-Environm COVID-19. Socio-Demographic Health Determinants Are Associated with Poor Prognosis in Spanish Patients Hospitalized with COVID-19. *Journal of General Internal Medicine*. 2021; 36(12): 3737-3742. DOI: 10.1007/s11606-020-06584-6. FI: 4,597. (D1).

MACHO GONZALEZ, ADRIAN, GARCIMARTÍN ÁLVAREZ, ALBA, Redondo, Noemi, Cofrades, Susana, BASTIDA CODINA, SARA, Nova, Esther, BENEDÍ GONZALEZ, JUANA, SÁNCHEZ MUNIZ, FRANCISCO JOSE, MARCOS DOLADO, ALBERTO, LÓPEZ-OLIVA MUÑOZ, ELVIRA. Carob fruit extract-enriched meat, as preventive and curative treatments, improves gut microbiota and colonic barrier integrity in a late-stage T2DM model. *FOOD RESEARCH INTERNATIONAL*. 2021; 141. DOI: 10.1016/j.foodres.2021.110124. FI: 6,475. (D1).

Ramirez-Torano, F., BRUÑA FERNANDEZ, RICARDO, de Frutos-Lucas, J., Rodriguez-Rojo, I. C., Marcos de Pedro, S., DELGADO LOSADA, MARIA LUISA, GOMEZ RUIZ, MARIA NATIVIDAD, BARABASH BUSTELO, ANA MARÍA, MARCOS DOLADO, ALBERTO, Lopez Higes, R., MAESTU UNTURBE, FERNANDO. Functional Connectivity Hypersynchronization in Relatives of Alzheimer's Disease Patients: An Early E/I Balance Dysfunction?. *CEREBRAL CORTEX*. 2021; 31 (2): 1201:1210. DOI: 10.1093/cercor/bhaa286. FI: 5,357. (Q1).

DOCTORATE THESES

Doctoral candidate: Luis Fernando Antón. Thesis title: Detección de marcadores conductuales y neurofisiológicos tempranos para el inicio en el consumo de alcohol y cannabis en adolescentes menores. Director(s): Fernando Maestú, Ricardo Bruña. University: Universidad Complutense de Madrid.

Doctoral candidate: Andrea Sanchez-Beato Barquero. Thesis title: Variabilidad interindividual en denominación, comprensión de oraciones y funciones ejecutivas en personas mayores. Director(s): Ramón Lopez-Higues. University: Universidad Complutense de Madrid.

NEW COMPETITIVE FUNDING

PCI2021-122069-2A. Interpreting MEG Biomarkers of Alzheimer's Progression with Human Neocortical Neurosolver. PI: Fernando Maestú & Stephanie Jones. Funding Organisation: National Institute of Health (USA) and European Union.

H2020- HORIZON-INFRA-2021-TECH-01-01- 101058516. eBrains-Health. PI: Petra Ritter. Funding Organisation: European Union.

2021I075. Seguimiento y caracterización de factores psicosociales, neuropsicológicos, neurológicos y neurobiológicos de predisposición al inicio en el consumo de alcohol cannabis de adolescentes. PI: Fernando Maestú. Funding Organisation: Plan Nacional de Drogas - Ministerio de Sanidad.



Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
7	7	43% (3)	86% (6)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
50% (3)	17% (1)	24,36	4,06

LEADING RESEARCHER

Juan Antonio Barcia Albacar

MEMBERS

Adela Fraile Pereda
 Albert Trondín
 Alberto Del Cerro León
 Fernando Alonso Frech
 Fernando José Rascón Ramírez
 Idoya Barca Fernández
 Irene Jiménez Coca
 Leyre Sánchez Sánchez De Rojas
 Maria Victoria Acedo Diaz-Pacho
 Martin Carrasco Gómez
 M^a De Las Mercedes González Hidalgo
 Noelia Esteban García
 Oleza López Cantó
 Pedro Alonso Lera



OVERVIEW

This research group aims to promote the reorganization and repair of damaged brain through neurosurgical procedures.

For this purpose, brain stimulation through classical functional neurosurgery is used to restore the lost equilibrium upon pathological processes. To this end, physiological experiments will be used for the identification of new stimulation targets, and functional imaging techniques (fMRI, DTI, MEG, Deeg, dECOG), for the optimization of stimulation targets in Parkinson's disease and other movement disorders, such as epilepsy, pain, and psychiatric disorders like obsessive-compulsive disorder, depression, schizophrenia, aggressiveness, impulsivity, memory disorders and dementia.

Secondly, paired brain stimulation will be used as a method to induce plastic changes in the brain, allowing the extended resection of brain tumors and the treatment of brain injuries accompanied by brain injury (such as stroke), cortical degeneration (dementias) or injuries associated with defects in brain development, such as schizophrenia or personality disorders.

Thirdly, adult cells of autologous or heterologous origin will be used to promote neural regeneration after brain damage, either by the use of stem cells from fat, from involving olfactory glial cells or from stem cells differentiated into neural precursors.

Finally, biomaterials for the induction of axonal regeneration and cortical reconstruction with interest in neurodegenerative (Parkinson, ALS), vascular (stroke) or traumatic diseases will be used.



SELECTED PUBLICATIONS

TREU, SVENJA, Gonzalez-Rosa, Javier J. , Soto-Leon, Vanesa , Lozano-Soldevilla, Diego , Oliviero, Antonio , Lopez-Sosa, Fernando , RENESES PRIETO, BLANCA, BARCIA ALBACAR, JUAN ANTONIO, STRANGE, BRYAN ANDREW. A ventromedial prefrontal dysrhythmia in obsessive-compulsive disorder is attenuated by nucleus accumbens deep brain stimulation. BRAIN STIMULATION. 2021; 14 (4): 761:770. DOI: 10.1016/j.brs.2021.04.028. FI: 8,955. (D1).

RASCON RAMIREZ, FERNANDO JOSE, ESTEBAN GARCIA, NOELIA, BARCIA ALBACAR, JUAN ANTONIO, Trondin, Albert , NOMBELA OTERO, CRISTINA, SANCHEZ SANCHEZ DE ROJAS, LEYRE. Are We Ready for Cell Therapy to Treat Stroke?. Frontiers in Cell and Developmental Biology. 2021; 9. DOI: 10.3389/fcell.2021.621645. FI: 6,684. (Q1).

Lopez-Sosa, Fernando , RENESES PRIETO, BLANCA, Sanmartino, Florencia , Galarza-Vallejo, Ana , Garcia-Albea, Julia , Cruz-Gomez, Alvaro J. , Yebra, Mar , Oliviero, Antonio , BARCIA ALBACAR, JUAN ANTONIO, STRANGE, BRYAN ANDREW, Gonzalez-Rosa, Javier J. . Nucleus Accumbens Stimulation Modulates Inhibitory Control by Right Prefrontal Cortex Activation in Obsessive-Compulsive Disorder. CEREBRAL CORTEX. 2021; 31 (5): 2742:2758. DOI: 10.1093/cercor/bhaa397. FI: 5,357. (Q1).

NEW COMPETITIVE FUNDING

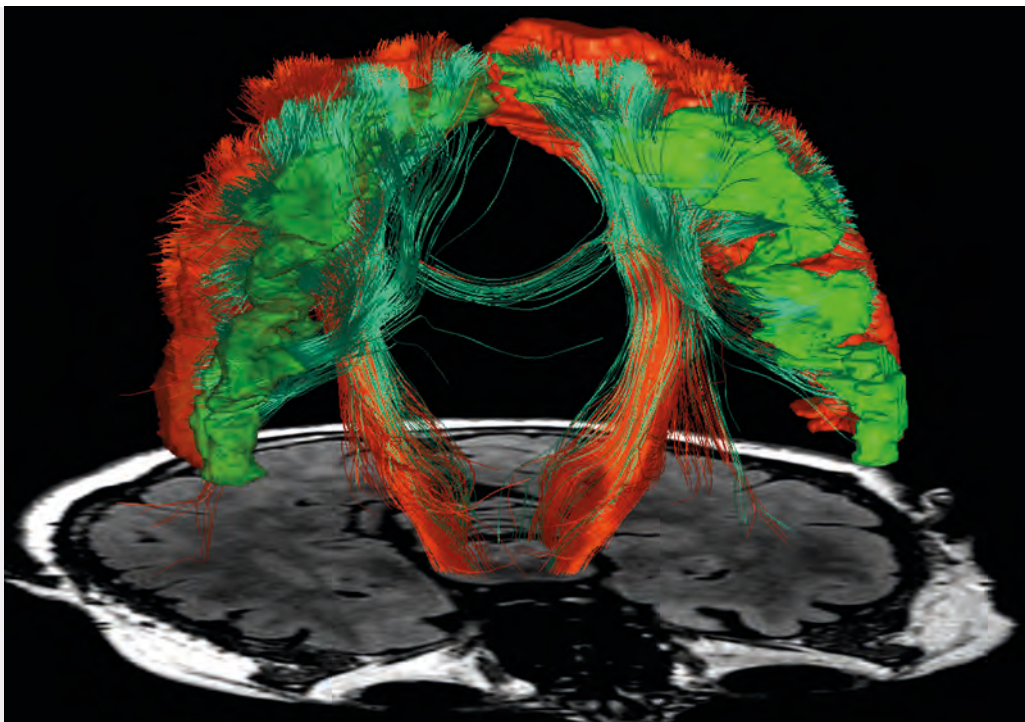
ICI21/00057. Ensayo clínico de fase I-II de inyección intracerebral de células madre adiposas en el accidente cerebrovascular isquémico arterial perinatal (CellPAIS). PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

ECL.21/050. A PHASE IIB, randomized, double-blind, placebo-controlled, multicenter study to evaluate the efficacy and safety of intravenous prasinezumab in participants with early parkinson's disease. Estudio en fase IIB, aleatorizado, con doble enmascaramiento, comparativo con placebo y multicéntrico, para evaluar la eficacia y la seguridad de prasinezumab intravenoso en participantes con enfermedad de parkinson incipiente. PI: ALONSO FRECH, FERNANDO.

TECHNOLOGY TRANSFER

BIOHÍBRIDO PARA SU USO EN LA REGENERACIÓN DE TRACTOS NEURALES. European Patent Application no. EPI5869394.5 (entry into the European phase based on International Application PCT/ES2015/070909). Application date: 24/06/17. Withdrawal date: 17/8/20. Ownership: 37,5% FIBHCSC/62,5% UPV.



Neurological Diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

97

N° OF PAPERS JCR INDEXED

95

% OPEN ACCESS (N°)

66% (64)

CITABLE ITEMS

75% (73)

Q1 (CITABLE ITEMS)

38% (28)

D1 (CITABLE ITEMS)

14% (10)

CUMULATIVE IF

345,01

AVERAGE IF

4,85

LEADING RESEARCHER

Jorge Matías-Guiu Guía

MEMBERS

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 Belén Ramírez Nicolás
 Carlos Gómez-Escalonilla Escobar
 Constanza Elisabet Cuevas Estancona
 Cristina Delgado Alonso
 Eva López Valdes
 Francisco Javier Martínez Orozco
 Inmaculada Sanclemente Alamán
 Irene García Morales
 Javier Martínez Poles
 Jesús Porta Etessam
 Jordi Matías-Guiu Antem
 José Antonio Egido Herrero
 José Luís Carreras Delgado
 José Luis González Gutiérrez
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 Laura Martínez Vicente
 Lidia Moreno Jiménez
 Lucía Fernández Romero
 Lucía Galán Dávila

Luis Carlos Fernández Beltrán
 Luis José Lopez-Ibor Aliño
 M^ª Luz Cuadrado Pérez
 M^ª Soledad Benito Martín
 María Isabel Villalibre Valderrey
 María José Catalán Alonso
 María Jose Gil Moreno
 María Nieves Cabrera Martín
 María Rocío García-Ramos García
 María Romeral Jiménez
 María Valles Salgado
 Marta Palacios Sarmiento
 Pablo Mayo Rodríguez
 Paloma Balugo Bengoechea
 Paloma Montero Escribano
 Patricia Simal Hernández
 Sarai Urriaga Valle
 Silvia Corrochano Sánchez
 Susana Martín Albarrán
 Teresa Moreno Ramos
 Ulises Alfonso Gómez Pinedo
 Vanesa Verónica Pytel



OVERVIEW

This group of researchers is composed by clinical specialists from the Neurology Service of the Hospital San Carlos and from other related services within the Institute of Neuroscience. Furthermore, they are also involved in the Clinical Neuroscience research group at UCM. The common interest of these researchers is their work on projects and research programs in neurological and neuromuscular diseases, from the methodology, epidemiology, mechanisms, clinic and therapeutics in coordination with other groups of the Institute.



SELECTED PUBLICATIONS

GÓMEZ PINEDO, ULISES ALFONSO, MATÍAS-GUIÚ ANTEM, JORDI, Soledad Benito-Martin, Maria , MORENO JIMÉNEZ, LIDIA, Sanclemente-Alaman, Inmaculada , Selma-Calvo, Belen , Perez-Suarez, Sara , Sancho-Bielsa, Francisco , Canales-Aguirre, Alejandro , Carlos Mateos-Diaz, Juan , Hernandez-Sapiens, Mercedes A. , Reza-Zaldivar, Edwin E. , Denise Ojeda-Hernandez, Doddy , Vidorreta-Ballesteros, Lucia , MONTERO ESCRIBANO, PALOMA, MATÍAS-GUIU GUIA, JORGE. Intranasal Administration of Undifferentiated Oligodendrocyte Lineage Cells as a Potential Approach to Deliver Oligodendrocyte Precursor Cells into Brain. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2021; 22 (19). DOI: 10.3390/ijms221910738. FI: 5,923. (Q1).

Fernandez-Beltran, Luis C., GODOY CORCHUELO, JUAN MIGUEL, Losa-Fontangordo, Maria , Williams, Debbie , MATÍAS-GUIU GUIA, JORGE, CORROCHANO SÁNCHEZ, SILVIA. A Transcriptomic Meta-Analysis Shows Lipid Metabolism Dysregulation as an Early Pathological Mechanism in the Spinal Cord of SOD1 Mice. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2021; 22 (17). DOI: 10.3390/ijms22179553. FI: 5,923. (Q1).

Aguera-Ortiz, Luis , GARCÍA RAMOS, ADRIÁN, Grandas Perez, Francisco J., Lopez-Alvarez, Jorge, Montes Rodriguez, Jose Manuel , Olazaran Rodriguez, F. Javier , Olivera Pueyo, Javier , Pelegrin Valero, Carmelo , PORTA ETESSAM, JESÚS. Depression in Alzheimer's Disease: A Delphi Consensus on Etiology, Risk Factors, and Clinical Management. Frontiers in Psychiatry. 2021; 12. DOI: 10.3389/fpsy.2021.638651. FI: 4,157. (Q2).

AWARDS

Researcher aware: Cristina Delgado-Alonso. Winning work: The cognitive impairments that can occur as a long-term consequence of COVID-19. Award: SCHUHFRIED Science Award 2021.

CLINICAL PRACTICE GUIDELINES

GUTIERREZ VIEDMA, ALVARO, Sanz-Graciani, Isabel, Romeral-Jimenez, Maria, PAREJO CARBONELL, BEATRIZ, SERRANO GARCÍA, IRENE, CUADRADO PÉREZ, M^a LUZ, ALEDO SERRANO, ANGEL, GIL NAGEL, ANTONIO, Toledano, Rafael, Perez-De-Heredia-Torres, Marta, Santamarina, Estevo, GARCÍA MORALES, IRENE. Epidaily, a scale for comprehensive functional assessment of patients with epilepsy. EPILEPSY & BEHAVIOR. 2021;114. DOI:10.1016/j.yebh.2020.107570.

DOCTORATE THESES

Doctoral candidate: Laura Torre Fuentes. Thesis title: Secuenciación masiva de exoma en Esclerosis Múltiple familiar. Director(s): Jorge Matías-Guiu Guía, J Matías-Guiu, Ulises Gómez Pinedo. University: Universidad Complutense de Madrid.

NEW COMPETITIVE FUNDING

PI21/01614. PET para el estudio de la mielina en la esclerosis múltiple. PI: CABRERA MARTIN, MARIA NIEVES. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

IC121/00064. A randomized, double-blind study to evaluate the efficacy and safety of simultaneous therapy (2 antiseizure drugs) versus sequential therapy in the treatment of status epilepticus and seizure cluster refractory to benzodiazepines. PI: GARCÍA MORALES, IRENE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI21/00242. Administración Intranasal de Biohíbridos de Hidrogeles con Células como Estrategia para Promover la Remielinización en Modelos Experimentales de Esclerosis Múltiple. Enfoque Preclínico. PI: GÓMEZ PINEDO, ULISES ALFONSO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

AGS.MIS.21. Estudio de las alteraciones del metabolismo lipídico en Esclerosis Lateral Amiotrófica (ELA) y la Demencia Fronto-Temporal (DFT): trabajando en prevención. PI: GUERRERO SOLA, ANTONIO. Funding Organisation: CONSEJERIA DE SANIDAD.

JMA.MIS.21. Sintomatología cognitiva post-COVID: detección precoz de enfermedades neurodegenerativas. PI: MATÍAS-GUIÚ ANTEM, JORDI. Funding Organisation: CONSEJERIA DE SANIDAD.

JMA.MADRIMASD.21. Estudio de la modulación con tDCS para fatiga originada en infección por COVID. PI: MATÍAS-GUIÚ ANTEM, JORDI. Funding Organisation: FUNDACION MADRIMASD PARA EL CONOCIMIENTO.

PEJ-2021-AI/BMD-21347. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NEW NON COMPETITIVE FUNDING

ECL.21/067. Estudio de fase III, multicéntrico, aleatorizado, con doble enmascaramiento y controlado con placebo para evaluar la eficacia, la seguridad y la tolerabilidad del PXT3003 en la enfermedad de CHARCOT-MARIE-TOOTH de tipo 1A (CMT1A). PI: HORGA HERNÁNDEZ, ALEJANDRO.

ECL.21/210. Estudio en fase III, multicéntrico, aleatorizado, con enmascaramiento doble y comparado con placebo de eficacia, seguridad y efectos en biomarcadores de alz-801 en pacientes con enfermedad de alzheimer prematura y genotipo APOE4/4. PI: MATÍAS-GUIU GUIA, JORGE.

ECL.21/447. Estudio observacional en pacientes con migraña tratados con galcanezumab en la práctica clínica habitual en España. Observational study in patients with migraine treated with galcanezumab in usual clinical practice in Spain. PI: PORTA ETESSAM, JESÚS.

TECHNOLOGY TRANSFER

BIOHÍBRIDO PARA SU USO EN LA REGENERACIÓN DE TRACTOS NEURALES. European Patent Application no. EP15869394.5 (entry into the European phase based on International Application PCT/ES2015/070909). Application date: 24/06/17. Withdrawal date: 17/8/20. Ownership: 37,5% FIBHCSC/62,5% UPV.

Research group on environmental factors in degenerative diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

12

N° OF PAPERS JCR INDEXED

12

% OPEN ACCESS (N°)

50% (6)

CITABLE ITEMS

50% (6)

Q1 (CITABLE ITEMS)

83% (5)

CUMULATIVE IF

41,22

AVERAGE IF

6,87



redEspañolade
esclerosis múltiple

OVERVIEW

The main research line of the Multiple Sclerosis Research Group of the "Instituto de Investigación Sanitaria San Carlos" is the study of the implication of environmental factors in the etiopathogenesis of multiple sclerosis and its possible utility as biomarkers in the prognosis of the disease and in the response to treatment, as well as the study of the mechanisms involved in the interaction between these environmental factors and the multiple sclerosis susceptibility genetic factors. In 1997 we began a new line of pioneering research in Spain: the study of the possible involvement of herpesviruses in the etiopathogenesis of multiple sclerosis; internationally validated detection protocols and multiple collaborations have been established at national and international levels, and a number of projects have been developed that have been financed on a continuous basis both public (FIS) and privately, which has allowed us to publish More than 40 international articles on this particular topic. In recent years, the study of other environmental factors, such as the JC virus and vitamin D, and the study of human endogenous retroviruses (HERVs) have also been included. Finally, in all this time, there have been also studies of interaction between the different genetic factors of susceptibility and the environmental factors studied, in order to deepen the possible mechanisms involved in the origin of the disease.

LEADING RESEARCHER

Roberto Álvarez Lafuente

MEMBERS

Isabel Ortega Madueño

María Ángel García Martínez

María Celeste García-Frontini Nieto

María Inmaculada Domínguez Mozo

Silvia Pérez Pérez

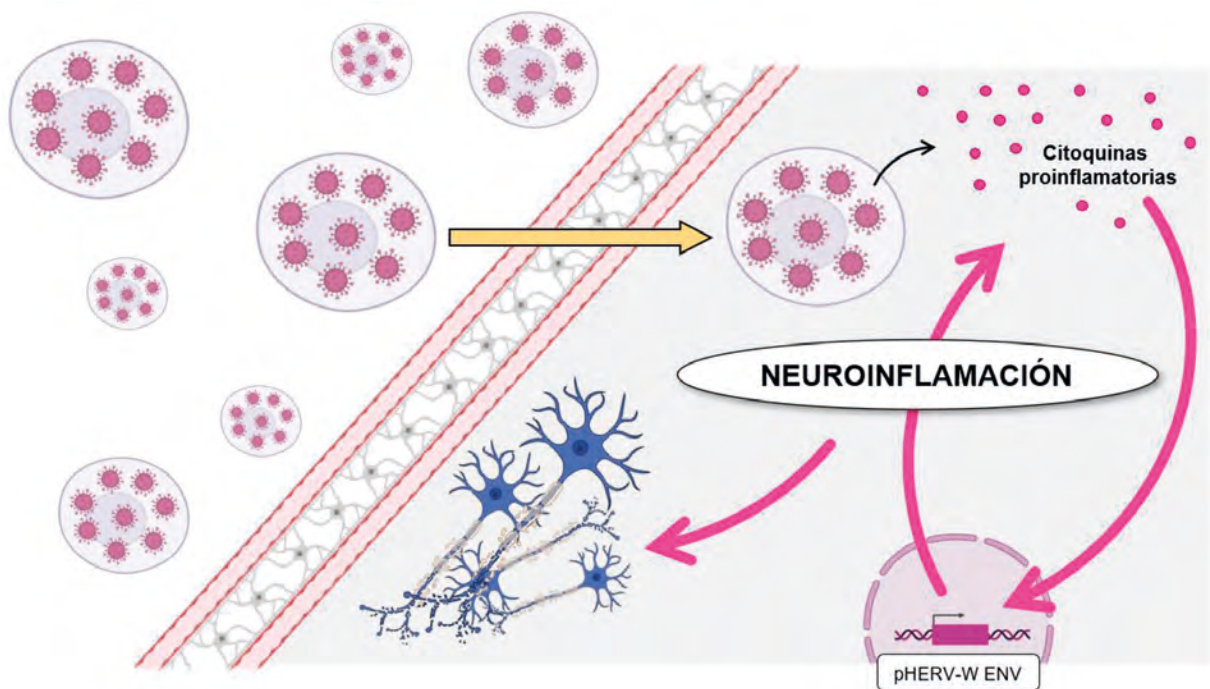


SELECTED PUBLICATIONS

PÉREZ PÉREZ, SILVIA, DOMÍNGUEZ MOZO, MARÍA INMACULADA, GARCÍA MARTÍNEZ, MARÍA ÁNGEL, Garcia-Frontini, M. Celeste , Villarrubia, Noelia , Costa-Frossard, Lucienne , Villar, Luisa M. , ARROYO GONZÁLEZ, RAFAEL VÍCTOR, ÁLVAREZ LAFUENTE, ROBERTO. Anti-Human Herpesvirus 6 A/B Antibodies Titers Correlate With Multiple Sclerosis-Associated Retrovirus Envelope Expression. FRONTIERS IN IMMUNOLOGY. 2021; 12. DOI: 10.3389/fimmu.2021.798003. FI: 7,561. (Q1).

PÉREZ PÉREZ, SILVIA, Cuello, Juan Pablo , Martinez-Gines, Marisa , Pardo-Rodriguez, Beatriz , Garcia-Dominguez, Jose Manuel , DOMÍNGUEZ MOZO, MARÍA INMACULADA, Lozano-Ros, Alberto , GARCÍA MARTÍNEZ, MARÍA ÁNGEL, Higuera, Yolanda , Meldana-Rivera, Ariana , Goicochea-Briceno, Haydee , Tejeda-Velarde, Amalia , Fernandez-Velasco, Jose Ignacio , Medina, Silvia , ARROYO GONZÁLEZ, RAFAEL VÍCTOR, Villar, Luisa Maria , ÁLVAREZ LAFUENTE, ROBERTO. Evolution of antibody titres against Epstein-Barr virus and human herpesvirus 6A/B and expression of multiple sclerosis-associated retrovirus in the serum of pregnant multiple sclerosis patients. SCIENTIFIC REPORTS. 2021; 11 (1). DOI: 10.1038/s41598-021-87941-1. FI: 4,379. (Q1).

DOMÍNGUEZ MOZO, MARÍA INMACULADA, PÉREZ PÉREZ, SILVIA, Villarrubia, Noelia , Costa-Frossard, Lucienne , Fernandez-Velasco, Jose Ignacio , Ortega-Madueno, Isabel , GARCÍA MARTÍNEZ, MARÍA ÁNGEL, Garcia-Calvo, Estefania , Estevez, Hector , Luque Garcia, Jose Luis , TORREJÓN MARTÍNEZ, MARÍA JOSÉ, ARROYO GONZÁLEZ, RAFAEL VÍCTOR, Villar, Luisa Maria , ÁLVAREZ LAFUENTE, ROBERTO. Herpesvirus Antibodies, Vitamin D and Short-Chain Fatty Acids: Their Correlation with Cell Subsets in Multiple Sclerosis Patients and Healthy Controls. Cells. 2021; 10 (1). DOI: 10.3390/cells10010119. FI: 6,6. (Q2).



Possible proposed mechanism for transactivation of pHERV-W ENV by EBV and/or HHV-6A/B. The pink arrows highlight the potentiation of the aberrant and exacerbated immune response that would occur in the brains of multiple sclerosis patients.

Brain Mapping

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
2	2	100% ⁽²⁾	100% ⁽²⁾
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
50% ⁽¹⁾	50% ⁽¹⁾	10,95	5,47



LEADING RESEARCHER

Miguel Ángel Pozo García

MEMBERS

Eva M^º Moreno Montes
 Irene Rincón Pérez
 Javier de Cristóbal Blanco
 Jose Antonio Hinojosa Poveda
 Luis García García
 Mercedes Delgado Wallace
 Rubén Fernández de la Rosa

OVERVIEW

Our research center possesses a broad experience in the study of brain function. Its activities provide both infrastructure and know-how services to the University community as well as to companies interested in the application of methodologies to explore brain activity. The research unit uses techniques such as electroencephalography in humans and molecular imaging microPET techniques in animals. In the EEG lab we are interested in exploring the neural and behavioral mechanisms that underlay perceptual, memory or inhibitory processes with a especial focus on high level language functions and their interaction with affective variables. The molecular imaging PET lab focuses in developing pre-clinical PET/CT imaging tools in numerous applications including: metabolic consumption imaging, physiology and functional neuroimaging and the development of new tracers for imaging. Our Brain Mapping center holds an R&D agreement with Curium Pharma Spain, which focuses on the release of new radiopharmaceuticals for PET machines and in innovative procedures for medical diagnosis in line with the latest scientific developments in the field.



SELECTED PUBLICATIONS

Solanes-Casado, Sonia , Cebrian, Arancha , Rodriguez-Remirez, Maria, Mahillo, Ignacio, GARCÍA GARCÍA, LUIS, Rio-Vilarino, Anxo, Banos, Natalia, de Carcer, Guillermo, Monfort-Vengut, Ana , Castellano, Victor , FERNANDEZ ACEÑERO, MARÍA JESUS, Garcia-Foncillas, Jesus , del Puerto-Nevedo, Laura . Overcoming PLK1 inhibitor resistance by targeting mevalonate pathway to impair AXL-TWIST axis in colorectal cancer. *BIOMEDICINE & PHARMACOTHERAPY*. 2021; 144. DOI: 10.1016/j.biopha.2021.112347. FI: 6,529. (D1).

Provencio, Mariano , Terrasa, Josefa , Garrido, Pilar , Garcia Campelo, Rosario , Aparisi, Francisco , Diz, Pilar , Aguiar, David , Garcia-Giron, Carlos , Hidalgo, Julia , AGUADO DE LA ROSA, CARLOS, Garcia Gonzalez, Jorge , Esteban, Emilio , Gomez-Aldavari, Lorenzo , Moran, Teresa , Juan, Oscar , Enrique Chara, Luis , Marti, Juan L. , Lopez Castro, Rafael , Laura Ortega, Ana , MORENO MONTES, EVA M^a, Coves, Juan , Sanchez Pena, Ana M. , Bosch-Barrera, Joaquim , Sanchez Gastaldo, Amparo , Fernandez Nunez, Natalia , del Barco, Edel , Cobo, Manuel , Isla, Dolores , Majem, Margarita , Navarro, Fatima , Calvo, Virginia . Osimertinib in advanced EGFR-T790M mutation-positive non-small cell lung cancer patients treated within the Special Use Medication Program in Spain: OSIREX-Spanish Lung Cancer Group. *Bmc Cancer*. 2021; 21 (1). DOI: 10.1186/s12885-021-07922-5. FI: 4,43. (Q2).

DOCTORATE THESES

Doctoral candidate: Irene Rincón Pérez. Thesis title: Estudio de polimorfismos genéticos asociados con la inhibición global y selectiva de respuestas Study of genetic polymorphisms associated with global and selective response inhibition. Director(s): José Antonio Hinojosa Poveda, Jacobo Albert Bitaubé. University: Universidad Complutense de Madrid.

Doctoral candidate: Pablo Rodríguez Gómez. Thesis title: Mecanismos neurales implicados en la generación de inferencias Neural mechanisms underlying inference generation. Director(s): José Antonio Hinojosa Poveda, Eva María Moreno Montes. University: Universidad Complutense de Madrid.

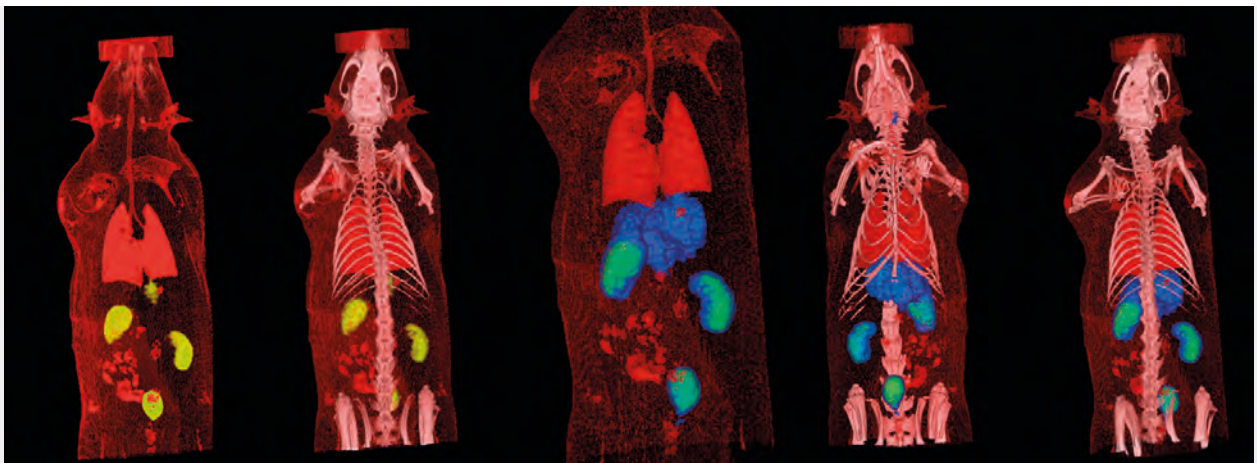
NEW COMPETITIVE FUNDING

CP21/00020. Contratos Miguel Servet: Pablo Bascuñana Almarcha. PI: BASCUÑANA ALMARCHA, PABLO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

ECL.21/232. Proyecto para mejorar el cuidado de la salud de los pacientes con em mediante la detección del efecto de los tratamientos modificadores de la enfermedad en la disminución de la carga viral de EBV Y HHV-6. PI: ÁLVAREZ LAFUENTE, ROBERTO.

ECL.21/503. Lactic acid and metabolites from gut microbiota in primary progressive multiple sclerosis patients. PI: ÁLVAREZ LAFUENTE, ROBERTO.



Neurotransmission and Purinergic Signaling

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

5

N° OF PAPERS JCR INDEXED

5

% OPEN ACCESS (N°)

80% (4)

CITABLE ITEMS

60% (3)

Q1 (CITABLE ITEMS)

100% (3)

CUMULATIVE IF

15,05

AVERAGE IF

5,02



OVERVIEW

The main focus of our research lies on the study of nucleotide receptor signalling at the the central and peripheral nervous system and its role in processes such as neuronal survival, differentiation, regeneration and plasticity. The diverse functions regulated by nucleotides are triggered by the activation of both ionotropic (P2X) and metabotropic (P2Y) receptors, widely distributed in different neuronal, astrocytic and microglial cell populations. Recently, we have described the neuroprotective properties of P2Y13 and P2X7 receptors against different apoptotic stimuli, as well as their capacity to enhance the survival function of the neurotrophin BDNF, by regulating MAPK and GSK3 signaling proteins, and dual specificity phosphatases DUSPs. In addition, these signaling mechanisms are also involved in transcriptional regulation of the P2X7 receptor and the vesicular nucleotide transporter (VNUT). A new promising research line is focused on nucleotide-mediated mechanisms regulating adult neurogenesis, cerebellar ataxia and neuropathic pain.

LEADING RESEARCHER

Esmerilda García Delicado

MEMBERS

Antonio Rodríguez Artalejo
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 Jesús Sánchez Nogueiro
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 Luis Alcives Olivos Oré
 M^a Victoria Barahona Gomariz
 María José Queipo García
 Marina Arribas Blázquez
 Miguel Díaz Hernández
 Ráquel Pérez Sen
 Sergio Gascón Jiménez

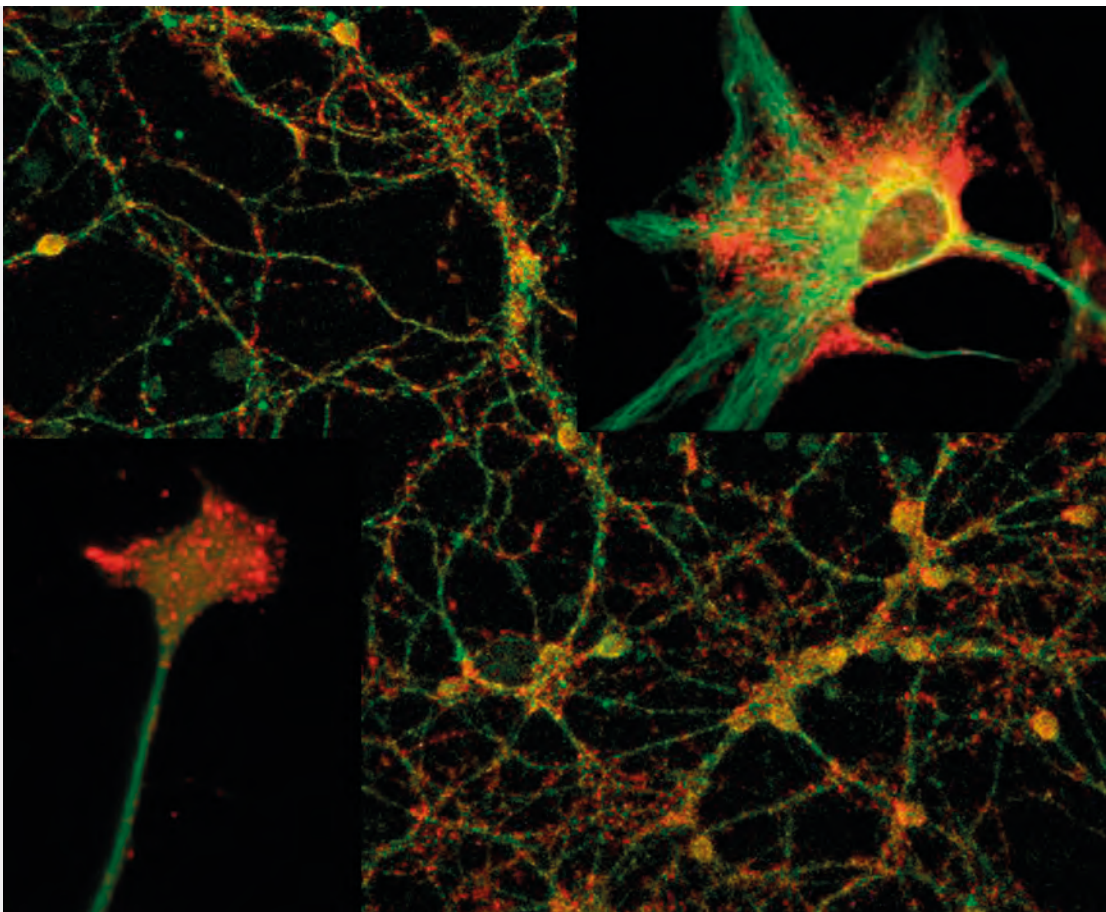


SELECTED PUBLICATIONS

Miras-Portugal, Maria Teresa , ORTEGA, FELIPE, GÓMEZ VILLAFUERTES, ROSA, GUALIX, JAVIER L, PÉREZ SEN, RÁQUEL, GARCÍA DELICADO, ESMERILDA. P2X7 receptors in the central nervous system. *BIOCHEMICAL PHARMACOLOGY*. 2021; 187. DOI: 10.1016/j.bcp.2021.114472. FI: 5,858. (Q1).

ORTEGA, FELIPE, GÓMEZ VILLAFUERTES, ROSA, Benito-Leon, Maria , Martinez de la Torre, Margaret , Olivos-Ore, Luis A. , Arribas-Blazquez, Marina , Gomez-Gaviro, Maria Victoria , Azcorra, Arturo , Desco, Manuel , RODRÍGUEZ ARTALEJO, ANTONIO, Puellas, Luis , Miras-Portugal, Maria Teresa . Salient brain entities labelled in P2rx7-EGFP reporter mouse embryos include the septum, roof plate glial specializations and circumventricular ependymal organs. *BRAIN STRUCTURE & FUNCTION*. 2021; 226 (3): 715:741. DOI: 10.1007/s00429-020-02204-5. FI: 3,27. (Q1).

GIL REDONDO, JUAN CARLOS, Iturri, Jagoba , ORTEGA, FELIPE, PÉREZ SEN, RÁQUEL, Weber, Andreas , Miras-Portugal, Maria Teresa , Toca-Herrera, Jose Luis , GARCÍA DELICADO, ESMERILDA. Nucleotides-Induced Changes in the Mechanical Properties of Living Endothelial Cells and Astrocytes, Analyzed by Atomic Force Microscopy. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*. 2021; 22 (2). DOI: 10.3390/ijms22020624. FI: 5,923. (Q1).



Research in Glaucoma, Retina and Visual Pathways

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
80	77	55% (44)	71% (57)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
40% (23)	5% (3)	199,88	3,70

LEADING RESEARCHER

Julián García Feijó

MEMBERS

Ainhoa Colina Jareño
 Alicia Valverde Megias
 Ana Isabel Ramírez Sebastián
 Ana María Fernández Vidal
 Ángel Romo López
 Carlos Perálvarez Conde
 Carmen Dora Méndez Hernández
 Catalina Palomo Álvarez
 Consuelo López Abad
 Cristina Calvo González
 Cristina Niño Rueda
 David Díaz Valle
 Elena Moreno López
 Elena Salobrar García Martín
 Enrique Santos Bueso
 Eva Vico Ruiz
 Federico Saenz-Frances San Baldomero
 Gema Felipe Marquez
 Inés López Cuenca
 Jesús Carballo Álvarez
 José A. Fernández Albarral
 José Antonio Gegúndez Fernández
 José Ignacio Fernández-Vigo Escribano
 José Manuel Benítez Del Castillo Sánchez
 José Manuel Ramírez Sebastián
 José María Martínez de la Casa Fernández Borrella

Jose María Vazquez Molini
 Juan Carlos Sanz Fernández
 Juan Donate López
 Juan José Salazar Corral
 Juan Reche Frutos
 Juan Troyano Rivas
 Lara Borrego Sanz
 Laura Morales Fernández
 Lorenzo López Guajardo
 Lydia Medina Ramírez
 M^a Jesús Escobar Moreno
 María Aurelia Jimenez Santos
 María Liseth Salazar Quiñones
 María Teresa Iradier Urrutia
 Nuria Garzón Jiménez
 Pedro Arriola Villalobos
 Ramón Torres Imaz
 Ricardo Cuiña Sardiña
 Rosa De Hoz Montaña
 Rosalía Méndez Fernández
 Rosario Gomez De Liaño
 Rubén Sánchez Jean
 Sofía García Sáenz
 Teresa Martín Orte
 Vanessa Andrés Guerrero



OVERVIEW

The Ophthalmology research group is a well-established group at a national and international level. The Department of Ophthalmology at HCSC works closely with the "Ramón Castroviejo" (UCM) Ophthalmological Research Institute and is part of the Thematic Network of the Cooperative Research at ISCIII "ocular pathology RD 07/0062 Project: Ocular pathology of aging, visual quality and quality of life" of the Ophthalmology Department. The group also integrates the UCM-CAM (Design and evaluation of ophthalmic products and materials) research group, together with the Department of Pharmaceutical Technology of the Faculty of Pharmacy at UCM.

The main lines of work consist on the development and evaluation of anti-glaucoma therapies, both at a medical and surgical level, the evaluation and development of diagnostic technologies in ophthalmology, and the evaluation of treatments for AMD. Development of new vehicles for the treatment of ophthalmic diseases.



SELECTED PUBLICATIONS

MÉNDEZ HERNÁNDEZ, CARMEN DORA, Wang, Surina , ARRIBAS PARDO, PAULA, Salazar-Quinones, Liseth , Guemes-Villahoz, Noemi , FERNÁNDEZ PÉREZ, CRISTINA, GARCÍA FEIJÓO, JULIÁN. Diagnostic validity of optic nerve head colorimetric assessment and optical coherence tomography angiography in patients with glaucoma. BRITISH JOURNAL OF OPHTHALMOLOGY. 2021; 105 (7): 957-963. DOI: 10.1136/bjophthalmol-2020-316455. FI: 4,638. (Q1).

ANDRÉS GUERRERO, VANESSA, Camacho-Bosca, Irene , Salazar-Quinones, Liseth , Ventura-Abreu, Nestor , Molero-Senosiaín, Mercedes, Hernandez-Ruiz, Samuel, Bernal-Sancho, Guillermo , HERRERO VANRELL, ROCÍO, GARCÍA FEIJÓO, JULIÁN. The Effect of a Triple Combination of Bevacizumab, Sodium Hyaluronate and a Collagen Matrix Implant in a Trabeculectomy Animal Model. Pharmaceutics. 2021; 13 (6) : . DOI: 10.3390/pharmaceutics13060896. FI: 6,321. (Q1).

Piedrahita-Alonso, Elena , VALVERDE MEGIAS, ALICIA, GOMEZ DE LIAÑO, ROSARIO. Validity and Reliability of Semiautomatic Ocular Cycloposition Measurement With Spectralis Optical Coherence Tomography. AMERICAN JOURNAL OF OPHTHALMOLOGY. 2021; 222 (1): 248:255. DOI: 10.1016/j.ajo.2020.09.005. FI: 5,258. (D1).

AWARDS

Researcher aware: GARCÍA FEIJÓO, JULIÁN. Award: Patrocinio premios de investigación residentes de oftalmología de la CAM (Premios Castroviejo 2021).

Researcher aware: David Díaz-Valle, Bárbara Burgos, Daniela Rego, Virginia Puebla, JA Gegúndez.. Winning work: "Compración de la eficacia de la insulina tópica con el colirio de suero autólogo en defectos epiteliales persistentes corneales". Award: Primer Premio a la Mejor Comunicación. Sociedad Oftalmológica de Madrid. 17/12/2021.

Researcher aware: Barbara Burgos Blasco. Winning work: Hipercitoquinemia en COVID-19: perfil de citoquinas en lágrima de pacientes hospitalizados por COVID-19. Award: Primer premio Castroviejo-Santen. Instituto de Investigación Ramón Castroviejo. Junio 2021.

Researcher aware: Barbara Burgos Blasco. Winning work: Cytokine profile in tear and aqueous humor of primary open-angle glaucoma patients as a prognostic factor for trabeculectomy outcome. Award: Best Young Investigator Award. European Vision and Eye Research (EVER) Scientific Committee. Octubre 2021.

Researcher aware: Fernández-Vigo JI, Moreno-Morillo FJ, Ortega-Hortas M, Novo-Bujan J, López- Guajardo L, Donate-López. Winning work: Early Changes in Choriocapillaris Flow Voids as an Efficacy Biomarker of Photodynamic Therapy in Central Serous Chorioretinopathy.. Award: Premiada con el 2do accésit comunicaciones orales clínicas. VII International Congress of Research in Retina and Vision (SIREV). Junio 2021..

Researcher aware: Fernández-Vigo Escribano, J.I.; Burgos Blasco, B.2; De Pablo Gómez De Liaño, L.3; Sánchez Guillén, I.4; Kudsieh, B.1; Almorín Fernández-Vigo, I.. Winning work: Dimensiones del grosor escleral anterior mediante tomografía de coherencia óptica swept-source. Estudio poblacional. Award: Premio a la mejor comunicación oral en la categoría miscelánea en el SECOIR 2021.

Researcher aware: Almorín Fernández-Vigo, I.; Pagán Carrasco, S.2; Sánchez Guillén, I.; Fernández- Vigo López, J.Á.; Fernández-Vigo Escribano, J.I.3; Fernández-Vigo Escribano, C.4.. Winning work: "Estudio poblacional de aberraciones corneales y variables predictoras". Award: Premio a la mejor comunicación en póster en la categoría refractiva en el SECOIR 2021.

CLINICAL PRACTICE GUIDELINES

GEGÚNDEZ FERNÁNDEZ, JOSÉ ANTONIO, Llovet-Osuna, Fernando , FERNÁNDEZ-VIGO ESCRIBANO, JOSÉ IGNACIO, Mendicute del Barrio, Javier , Pablo-Julvez, Luis , Munoz-Negrete, Francisco J. , Zarranz-Ventura, Javier , Duran de la Colina, Juan , de Rojas Silva, Victo. Recommendations for ophthalmologic practice during the easing of COVID-19 control measures. ACTA OPHTHALMOLOGICA. 202199 (7): 973:983. DOI:10.1111/aos.14752.

DOCTORATE THESES

Doctoral candidate: Hang Shi. Thesis title: Evaluación del cuerpo ciliar mediante tomografía de coherencia óptica de dominio swept source. Director(s): José Ignacio Fernández-Vigo, Julián García Feijóo, José Ángel Fernández- Vigo. University: Universidad Complutense de Madrid.

Doctoral candidate: Néstor Ventura Abreu. Thesis title: ESTUDIO COMPARATIVO DE FACOEMULSIFICACIÓN DE CATARATA MÁS TRABECULOTOMÍA AB INTERNO (KAHOOK DUAL BLADE) VS FACOEMULSIFICACIÓN DE CATARATA PARA EL CONTROL DE LA PRESIÓN INTRAOCULAR. Director(s): Julián García Feijóo. University: Universidad Complutense de Madrid.

Doctoral candidate: Sara García Caride. Thesis title: Estudio vascular de nervio óptico y macular con OCT-A en pacientes con glaucoma primario de ángulo abierto y pseudoexfoliativo. Director(s): Julián García Feijóo. University: Universidad Complutense de Madrid.

Doctoral candidate: José Luis Torres Peña. Thesis title: Características de la mácula, nervio óptico y simetría interocular en pacientes prematuros medidas con tomografía de coherencia óptica. Director(s): Julián García Feijóo. University: Universidad Complutense de Madrid.

Doctoral candidate: Beatriz Vidal Villegas. Thesis title: Respuestas de las células ganglionares de la retina a la lesión y su prevención. Director(s): Julián García Feijóo. University: Universidad Complutense de Madrid.

Doctoral candidate: Mercedes Molero Senosiaín. Thesis title: Estudio comparativo de las propiedades corneales y su influencia en la tonometría portátil de rebote y aplanación en sujetos sanos y pacientes con glaucoma primario de ángulo abierto. Director(s): José María Martínez de la Casa, Federico Sáenz-Francés San Baldomero, Julián García Feijoo. University: Universidad Complutense de Madrid.

NEW COMPETITIVE FUNDING

INT21/00083. Contratos para la intensificación de la actividad investigadora del SNS: José María Martínez de la Casa. PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

ECL.21/247. ESTUDIO RETROSPECTIVO DE LA EFICACIA Y SEGURIDAD DE PRESERFLO COMBINADO CON CATARATA. PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA.

GluMono 2021. Estudio para la evaluación de resultados visuales en pacientes con glaucoma de ángulo abierto tras el implante de lente intraocular monofocal y lente monofocal avanzada. PI: Jose María Martínez de la Casa. Funding Organisation: Hospital Clínico San Carlos.

ECL.21/305. Estudio en fase III, aleatorizado, con doble ciego y multicéntrico para evaluar la eficacia y la seguridad de OPT-302 intravítreo en combinación con ranibizumab, comparado con ranibizumab en monoterapia, en participantes con degeneración macular asociada. PI: Juan Donate Lopez.

Neurotransmission and Neuromodulation in the Central and Peripheral Nervous System

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
2	2	100% ₍₂₎	100% ₍₂₎
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
100% ₍₂₎	50% ₍₁₎	9,65	19,31



OVERVIEW

The Neurotransmission and Neuromodulation group at CNS is a basic research group composed by professors from the Departments of Physiology and Biochemistry of the Faculty of Veterinary Medicine, from the Department of Physiology of the Faculty of Medicine of the UCM, and several granted or contracted pre- or post-doctoral students.

The overall objective is to study the basic mechanisms of excitability, neurotransmission and neuromodulation, as well as the molecular mechanisms involved in the synaptic maturation, using different cell models (primary cultures of cerebellar granule neurons, cortical neurons) and animals. Different experimental approaches (electrophysiological, biochemical, molecular biology and imaging techniques) are possible thanks to the multidisciplinary training of the group members, and to different national and international collaborations.

LEADING RESEARCHER

Magdalena Torres Molina

MEMBERS

Alberto Sánchez-Aguilera López
 Alberto Suárez Pinilla
 Ángeles García Pascual
 Asunción Colino Matilla
 Beatriz Chamorro Gorines
 Domingo Triguero Robles
 José Sánchez-Prieto Borja
 M^a Dolores Martín De Saavedra Álvarez De Uribe
 María Jesús Oset Gasque
 M^a Ángeles Vicente Torres
 Nuria García Font
 Ricardo Martín Herranz



SELECTED PUBLICATIONS

Bousquet, Jean , Agache, Ioana , Blain, Hubert , Jutel, Marek , Ventura, Maria Teresa , Worm, Margitta , Del Giacco, Stefano , Benetos, Athanasios , Bilo, Beatrice Maria , Czarlewski, Wienczyslawa , Abdul Latiff, Amir Hamzah , Al-Ahmad, Mona , Angier, Elizabeth , Annesi-Maesano, Isabella , Atanaskovic-Markovic, Marina , Bachert, Claus , Barbaud, Annick , Bedbrook, Anna , Bennoor, Kazi S. , Berghea, Elena Camelia , Bindslev-Jensen, Carsten , Bonini, Sergio , Bosnic-Anticevich, Sinthia , Brockow, Knut , Brussino, Luisa , Camargos, Paulo , Canonica, G. Walter , Cardona, Victoria , Carreiro-Martins, Pedro , Carriazo, Ana , Casale, Thomas , Caubet, Jean-Christoph , Cecchi, Lorenzo , Cherubini, Antonio , Christoff, George , Chu, Derek K. , Cruz, Alvaro A. , Dokic, Dejan , El-Gamal, Yehia , Ebisawa, Motohiro , Eberlein, Bernadette , Farrell, John , FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Fokkens, Wytske J. , Fonseca, Joao A. , Gao, Yadong , Gavazzi, Gaetan , Gawlik, Radoslaw , Gelincik, Asli , Gemiciglu, Bilun , Gotua, Maia , Guerin, Olivier , Haahtela, Tari , Hoffmann-Sommergruber, Karin , Hoffmann, Hans Jurgen , Hofmann, Maja , Hrubisko, Martin , Illario, Maddalena , Irani, Carla , Ispayeva, Zhanat , Ivancevich, Juan Carlos , Julge, Kaja , Kaidashev, Igor , Khaitov, Musa , Knol, Edward , Kraxner, Helga , Kuna, Piotr , Kvedariene, Violeta , Lauerma, Antti , Le, Lan T. T. , Le Moing, Vincent , Levin, Michael , Louis, Renaud , Lourenco, Olga , Mahler, Vera , Martin, Finbarr C. , Matucci, Andrea , Milenkovic, Branislava , Miot, Stephanie , Montella, Emma , Morais-Almeida, Mario , Mortz, Charlotte G. , Mullol, Joaquim , Namazova-Baranova, Leyla , Neffen, Hugo , Nekam, Kristof , Niedoszytko, Marek , Odemyr, Mikaela , O'Hehir, Robyn E. , Okamoto, Yoshitaka , Ollert, Markus , Palomares, Oscar , Papadopoulos, Nikolaos G. , Panzner, Petr , Passalacqua, Giovanni , Patella, Vincenzo , Petrovic, Mirko , Pfaar, Oliver , Pham-Thi, Nhan , Plavec, Davor , Popov, Todor A. , Recto,

Marysia T. , Regateiro, Frederico S. , Reynes, Jacques , Roller-Winsberger, Regina E. , Rolland, Yves , Romano, Antonino , Rondon, Carmen , Rottem, Menachem , Rouadi, Philip W. , Salles, Nathalie , Samolinski, Boleslaw , Santos, Alexandra F. , Sarquis, Faradiba , SASTRE VALERA, JAVIER, M. G. A. Schols, Jos , Scichilone, Nicola , Sediva, Anna , Shamji, Mohamed H. , Sheikh, Aziz , Skypala, Isabel , Smolinska, Sylwia , Sokolowska, Milena , Sousa-Pinto, Bernardo , Sova, Milan , Stelmach, Rafael , Sturm, Gunter , Suppli Ulrik, Charlotte , Todo-Bom, Ana Maria , Toppila-Salmi, Sanna , Tsiligianni, Ioanna , TORRES MOLINA, MAGDALENA, Untermayr, Eva , Urrutia Pereira, Marilyn , Valiulis, Arunas , Vitte, Joana , Vultaggio, Alessandra , Wallace, Dana , Walusiak-Skorupa, Jolanta , Wang, De-Yun , Wasserman, Susan , Yorgancioglu, Arzu , Yusuf, Osman M. , Zernotti, Mario , Zidarn, Mihaela , Chivato, Tomas , Akdis, Cezmi A. , Zuberbier, Torsten , Klimek, Ludger . Management of anaphylaxis due to COVID-19 vaccines in the elderly. *Allergy*. 2021; 76 (10): 2952:2964. DOI: 10.1111/all.14838. FI: 13,146. (D1).

Costas-Insua, Carlos , MORENO LÓPEZ, ELENA, Maroto, Irene B. , Ruiz-Calvo, Andrea , Bajo-Graneras, Raquel , Martin-Gutierrez, David , Diez-Alarcia, Rebeca , Teresa Vilaro, M. , Cortes, Roser , Garcia-Font, Nuria , MARTÍN HERRANZ, RICARDO, Espina, Marc , Botta, Joaquin , Gines, Silvia , McCormick, Peter J. , SÁNCHEZ-PRIETO BORJA, JOSÉ, Galve-Roperh, Ismael , Mengod, Guadalupe , Uriguen, Leyre , Marsicano, Giovanni , Bellocchio, Luigi , Canela, Enric , Casado, Vicent , Rodriguez-Crespo, Ignacio , Guzman, Manuel . Identification of BiP as a CB1 Receptor-Interacting Protein That Fine-Tunes Cannabinoid Signaling in the Mouse Brain. *JOURNAL OF NEUROSCIENCE*. 2021; 41 (38): 7924:7941. DOI: 10.1523/JNEUROSCI.0821-21.2021. FI: 6,167. (Q1).

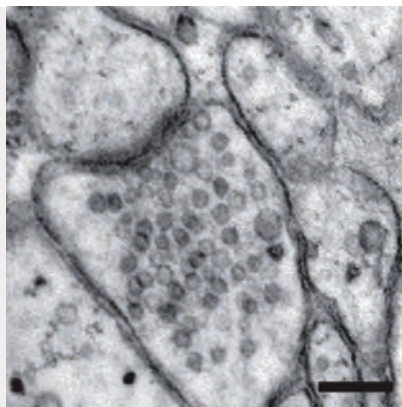


Image of a glutamatergic synapse in mouse prefrontal cortex. Line: Synaptic alterations in fragile X syndrome.

Pharmaceutical Innovation in Ophthalmology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

13

N° OF PAPERS JCR INDEXED

13

% OPEN ACCESS (N°)

85%(11)

CITABLE ITEMS

100%(13)

Q1 (CITABLE ITEMS)

85%(11)

D1 (CITABLE ITEMS)

15%(2)

CUMULATIVE IF

73,50

AVERAGE IF

5,65



OVERVIEW

Since 1994, the research group "Pharmaceutical Innovation in Ophthalmology" has developed novel drug delivery systems for topical and intraocular administration such as liposomes for dry eye treatment (PI07/0012; PI10/00645PI13/00704; PI13/00516; PI11/01027; PI14/00193), microspheres for intra-ocular administration (U.S. Patent#5,718,922), new materials for intraocular drug delivery. (Project: MCyT- MAT2000-1764-C02-C01) and PLGA nano- and microparticles (MAT 2007-65288). Furthermore, the team is also investigating the role of neurotrophic factors encapsulated in PLGA microspheres for the treatment of posterior segment diseases involving neurodegeneration of retinal structures (glaucoma, age macular degeneration, diabetic retinopathy and retinitis pigmentosa, among others) (BIOAVAN PSS-300-100-2008, MAT 2010-18242 and MAT 2013-43127R). Recently the research group has participated in the FP7 program in the project Peptide-based Nanoparticles as Ocular Drug Delivery Vehicles (PANOPTES, ref. 246180, program FP7-NMP).

The team belongs to the Ophthalmic Network (Oftared) with active translational collaborations with other groups in the design of novel ophthalmic formulations and experience in the Transference of Technology (licensed patent of a novel artificial tear based on liposomes and bioadhesive polymers for the treatment of dry eye).

LEADING RESEARCHER

Rocío Herrero Vanrell

MEMBERS

Alba Aragón Navas

Beatriz de las Heras Polo

David García Herranz

Irene Bravo Osuna

Irene Cuadrado Berrocal

Irene Teresa Molina Martínez

Jose Javier López Cano

M^a Pilar Pastoriza Abal

Marco Brugnera

Marta Vicario de la Torre

Miriam Ana Gonzalez-Cela Casamayor



SELECTED PUBLICATIONS

LÓPEZ CANO, JOSE JAVIER, Gonzalez-Cela-Casamayor, Miriam Ana , ANDRÉS GUERRERO, VANESSA, HERRERO VANRELL, ROCÍO, MOLINA MARTÍNEZ, IRENE TERESA. Liposomes as vehicles for topical ophthalmic drug delivery and ocular surface protection. EXPERT OPINION ON DRUG DELIVERY. 2021; 18 (7): 819:847. DOI: 10.1080/17425247.2021.1872542. FI: 6,648. (D1).

LÓPEZ CANO, JOSE JAVIER, Sigen, A. , ANDRÉS GUERRERO, VANESSA, Tai, Hongyun , BRAVO OSUNA, IRENE, MOLINA MARTÍNEZ, IRENE TERESA, Wang, Wenxin , HERRERO VANRELL, ROCÍO. Thermo-Responsive PLGA-PEG-PLGA Hydrogels as Novel Injectable Platforms for Neuroprotective Combined Therapies in the Treatment of Retinal Degenerative Diseases. Pharmaceutics. 2021; 13 (2). DOI: 10.3390/pharmaceutics13020234. FI: 6,321. (Q1).

Rodrigo, M. J. , GARCIA HERRANZ, DAVID, Aragon-Navas, A. , Subias, M. , Martinez-Rincon, T. , Mendez-Martinez, S. , Cardiel, M. J. , GARCÍA FEIJOO, JULIÁN, Ruberte, J. , HERRERO VANRELL, ROCÍO, Pablo, L. , Garcia-Martin, E. , BRAVO OSUNA, IRENE. Long-term corticosteroid-induced chronic glaucoma model produced by intracameral injection of dexamethasone-loaded PLGA microspheres. DRUG DELIVERY. 2021; 28 (1): 2427:2446. DOI: 10.1080/10717544.2021.1998245. FI: 6,419. (D1).

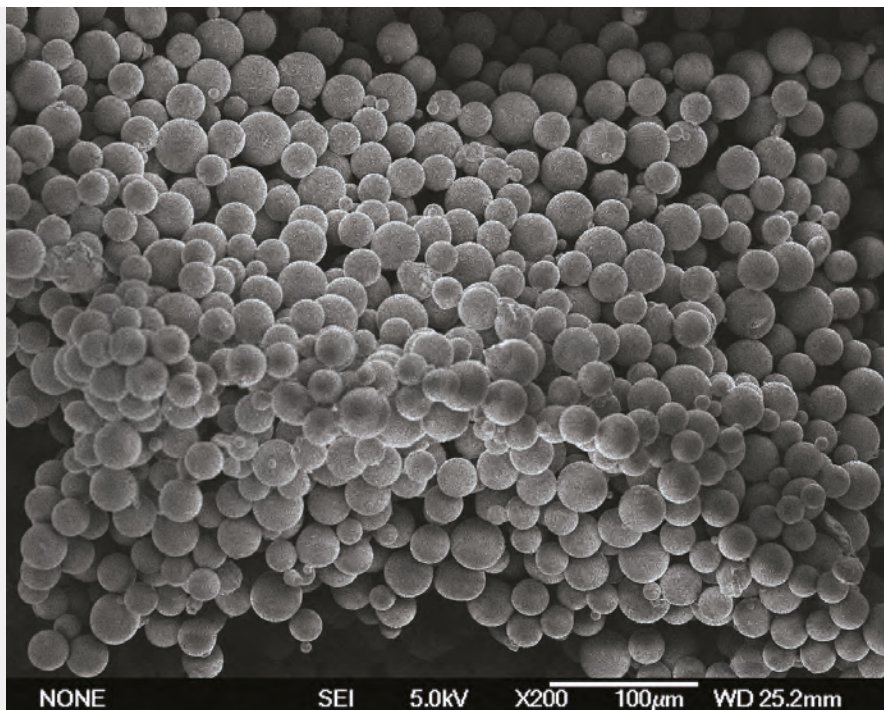
AWARDS

Researcher aware: José Javier López Cano. Winning work: New potential combined retinal neuroprotective therapy in a smart injectable thermoresponsive hydrogel. Award: Honorable Mention Paper Award at the XV Biennial Scientific Meeting Virtual Miami (AOPT).

» MOBILITY OF RESEARCHER

Research mobility: Alba Aragón Navas. Country: Irlanda. Center: Blafard Ltd, University College Dublin, Irlanda. . Date of departure: 09.06.2021. Return date: 01.10.2021.

Research mobility: Miriam González-Cela Casamayor. Country: Irlanda. Center: Blafard Ltd, University College Dublin, Irlanda. . Date of departure: 09.06.2021. Return date: 01.10.2021.



Pathophysiology and INA Neurological Therapeutics (NEURO-INA-IN)

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
12	12	92% (11)	83% (10)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
60% (6)	20% (2)	36,92	6,15



OVERVIEW

The group is oriented towards the prevention and treatment of newborn brain damage with two different approaches: clinical and experimental. The clinical approach relies on the concept of neonatal neurocritical care, based on the multidisciplinary management of newborns at risk as well as a willing to participate in frontier therapies. The experimental approach relies on the implementation of different animal models of newborn brain injury, studying the pathophysiology of brain damage as well as the efficacy of novel therapies. In this regard, the group is particularly focused on non-euphoric cannabinoid-based treatments. Group studies include those extra-cerebral organs affected by and affecting newborn brain conditions. The group research is supported by strategic alliances with national and international leading groups and public competitive and pharmaceutical industry-based funding.

LEADING RESEARCHER

Martinez Orgado, José

MEMBERS

Aarón Del Pozo Sanz
 Araceli Corredera Sánchez
 Carmen Soto Beauregard
 Gloria Herranz Carrillo
 Laura Silva Colmenar
 Lourdes Alvarez Callejo
 Luis Arruza Gómez
 María Isabel Armada Maresca
 María Martínez Vega
 María Villa Cruz
 Niki Oikonomopoulou
 Raquel Vecino López
 Teresa De Santos Moreno



SELECTED PUBLICATIONS

Miras, Isabel , Vierge, Eva , Garcia, Macarena , ARRUZA GÓMEZ, LUIS, CRIADO VEGA, ENRIQUE, RAMOS AMADOR, JOSE TOMAS, MARTINEZ ORGADO, JOSE. Congenital Cutaneous Candidiasis With Systemic Dissemination in a Preterm Infant. PEDIATRIC INFECTIOUS DISEASE JOURNAL. 2021; 40 (6): 230:233. DOI: 10.1097/INF.0000000000003080. FI: 2,129. (Q3).

Gila-Díaz, Andrea, HERRANZ CARRILLO, GLORIA, Singh, Pratibha, Ramiro-Cortijo, David . Specialized Pro-Resolving Lipid Mediators in Neonatal Cardiovascular Physiology and Diseases. ANTIOXIDANTS. 2021; 10 (6). DOI: 10.3390/antiox10060933. FI: 6,312. (D1).

MARTINEZ ORGADO, JOSE, VILLA CRUZ, MARÍA, del Pozo, Aaron. Cannabidiol for the Treatment of Neonatal Hypoxic-Ischemic Brain Injury. FRONTIERS IN PHARMACOLOGY. 2021; 11. DOI: 10.3389/fphar.2020.584533. FI: 5,81. (Q1).

NEW COMPETITIVE FUNDING

PEJ-2021-AI/BMD-21347. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

RD21/0012/0026. PRIMARY CARE INTERVENTIONS TO PREVENT MATERNAL AND CHILD CHRONIC DISEASES OF PERINATAL AND DEVELOPMENTAL ORIGIN. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PEJ-2021-AI/BMD-21347. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: SOTO BEAUREGARD, CARMEN. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NEW NON COMPETITIVE FUNDING

ECL.21/136. Disfagia orofaríngea en el niño pequeño. Gravedad de la disfagia y estado nutricional al diagnóstico y tras manejo por un equipo multidisciplinar que incluya un logopeda pediátrico. PI: VECINO LOPEZ, RAQUEL.

Biomaterials and Regenerative Medicinerative Medicine


**NEW
GROUP**


OVERVIEW

The main objective of our laboratory is to investigate to develop new biomaterials for applications in regenerative medicine, mainly based on silk fibroin in different formats and on the biofunctionalization of conventional biomaterials. Related to this objective, our research also aims to contribute to the understanding of basic issues in the field of biomechanics. We work in four main areas of research in biomaterials, tissue engineering and biomechanics: (1) Development of new silk-based bio-inspired biomaterials. (2) Characterization and modeling of natural collagen-based materials (pericardium, tendons, blood vessels) and development of collagen-based prostheses. (3) Application of cell mechanics as a diagnostic tool and (4) functionalization of biomaterials to improve their biocompatibility.

LEADING RESEARCHER

Gustavo Víctor Guinea Tortuero

MEMBERS

Blanca De Los Reyes González Bermúdez

Francisco José Rojo Pérez

Gustavo Ramón Plaza Baonza

José Miguel Atienza Riera

José Perez Rigueiro

Rafael Daza García



DOCTORATE THESES

Doctoral candidate: Blanca González Bermúdez. Thesis title: Deformability of T cells as a mechanical biomarker of immunosenescence and development of techniques for the clinical application. Director(s): Gustavo Plaza Baonza. University: Universidad Politécnica de Madrid.

NEW COMPETITIVE FUNDING

PEJ-2021-AI/BMD-21347. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: GUINEA TORTUERO, GUSTAVO VÍCTOR. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

Clinical Neuroscience Laboratory

**NEW
GROUP**

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

1

N° OF PAPERS JCR INDEXED

1

% OPEN ACCESS (N°)

100%⁽¹⁾

CITABLE ITEMS

100%⁽¹⁾

Q1 (CITABLE ITEMS)

100%⁽¹⁾

D1 (CITABLE ITEMS)

100%⁽¹⁾

CUMULATIVE IF

13,38

AVERAGE IF

13,38



LEADING RESEARCHER

Bryan Andrew Strange

MEMBERS

Alba Peris-Yague
 Darya Rivka Frank
 Diana Ortega Cruz
 Manuela Costa
 Marcos Raphael Benítez Aldás
 Marta Casales Santa
 Marta Garo Pascual
 Svenja Treu

OVERVIEW

The laboratory explores the brain basis of cognitive function in healthy individuals and in patients with neurological diseases, especially memory disorders. The laboratory is affiliated with several clinical institutions in Madrid, providing an interdisciplinary platform for clinical and cognitive neuroscience.

The laboratory employs a multimodal approach to the study of human memory, and currently conducts studies using:

- Magnetic Resonance Imaging (MRI).

Magnetic resonance imaging (MRI) -Magnetoencephalography (MEG)

- Intracranial recordings in humans

- Psychopharmacology

- Transcranial Magnetic Stimulation (TMS)

- Cognitive effects of deep brain stimulation (DBS).

OBJECTIVES:

- To elucidate the electrophysiological mechanisms underlying human amygdala-hippocampal-cortical coupling, which derives to better recall of salient stimuli.

- To extend the role of the human hippocampus in detecting unpredictable stimuli, in order to define its function in orchestrating cortical dynamics in unpredictable environments.

- To discover the neural dynamics of the response of the human mesolimbic dopaminergic dopamine system to salient stimuli, and to understand how these relate to memory.

Translated with www.DeepL.com/Translator (free version)



SELECTED PUBLICATIONS

Li, Ningfei , Hollunder, Barbara , Baldermann, Juan Carlos , Kibleur, Astrid , TREU, SVENJA, Akram, Harith , Al-Fatly, Bassam , STRANGE, BRYAN ANDREW, Barcia, A. Juan , Zrinzo, Ludvic , Joyce, M. Eileen , Chabardes, Stephan , Visser-Vandewalle, Veerle , Polosan, Mircea , Kuhn, Jens , Kuehn, A. Andrea , Horn, Andreas . A Unified Functional Network Target for Deep Brain Stimulation in Obsessive-Compulsive Disorder. *BIOLOGICAL PSYCHIATRY*. 2021; 90 (10): 701:713. DOI: 10.1016/j.biopsych.2021.04.006. FI: 13,382. (D1).

DOCTORATE THESES

Doctoral candidate: SVENJA TREU. Thesis title: "Memory enhancement in humans by nucleus accumbens deep brain stimulation". Director(s): BRYAN STRANGE. University: Universidad autónoma de Madrid.

NEW COMPETITIVE FUNDING

EQC2021-006960-P. Magnetómetro por bombeo óptico para uso en neurociencia humana. PI: Bryan Strange. Funding Organisation: MCIN / AEI / 10.13039/501100011033 y la Unión Europea NextGenerationEU/PRTR.

MOBILITY OF RESEARCHER

Research mobility: Diana Ortega Cruz. Country: EEUU. Center: Massachusetts Institute of Technology (MIT). Date of departure: 09/03/2022. Return date: 19/06/2022.

VISITING RESEARCHER

Visiting researcher: ENYA WEIDNER. Country of origin: ALEMANIA. Centre of origin: BIELEFELD. Project: ERC.



ONCOLOGY

ONC

GROUPS

IIIA.1	Clinical and Translational Research in Oncology
IIIA.2	Cancer and Obesity
IIIA.4	Cell Signaling Mechanisms during Development and Tumor Progression
IIIA.5	Cannabinoid Signaling in Tumor Cells
IIIA.6	Women's Health Research Group



PROYECTO DE INVESTIGACIÓN
ROJ02018-102379-J T

Interacciones celulares y sistémicas entre el cáncer y la señalización metabólica - Redes de investigación 2018

ANNUAL GOALS

Incorporation of the Anatomical Pathology research group

✓ COMPLETED

Promoting cooperation between groups in the area

✓ COMPLETED

Promoting new lines

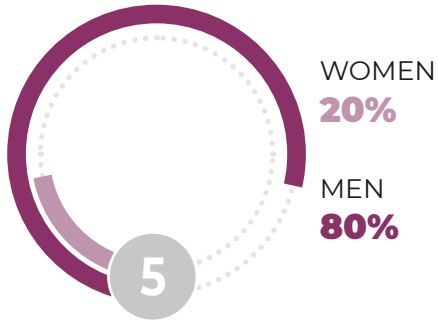
✓ COMPLETED

Participation in Networks and Alliances

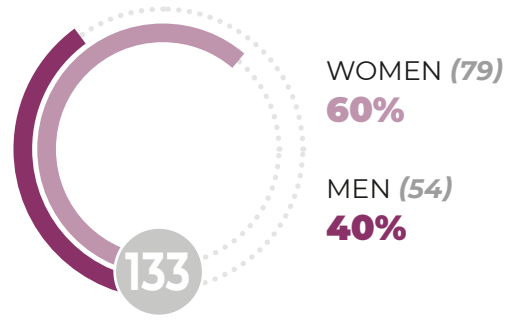
✓ COMPLETED



GROUP LEAD RESEARCHERS



ACCUMULATED TOTAL PROFESSIONALS IN THE AREA



ACTIVITY

New project competitive funding



New project non competitive funding



Clinical practice guidelines



Doctorate Theses



Visiting Researcher



Mobility of Researcher



SCIENTIFIC PRODUCTION

N° of Papers (WoS)



Area
ONC

% OA: ● 54,88

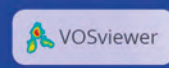
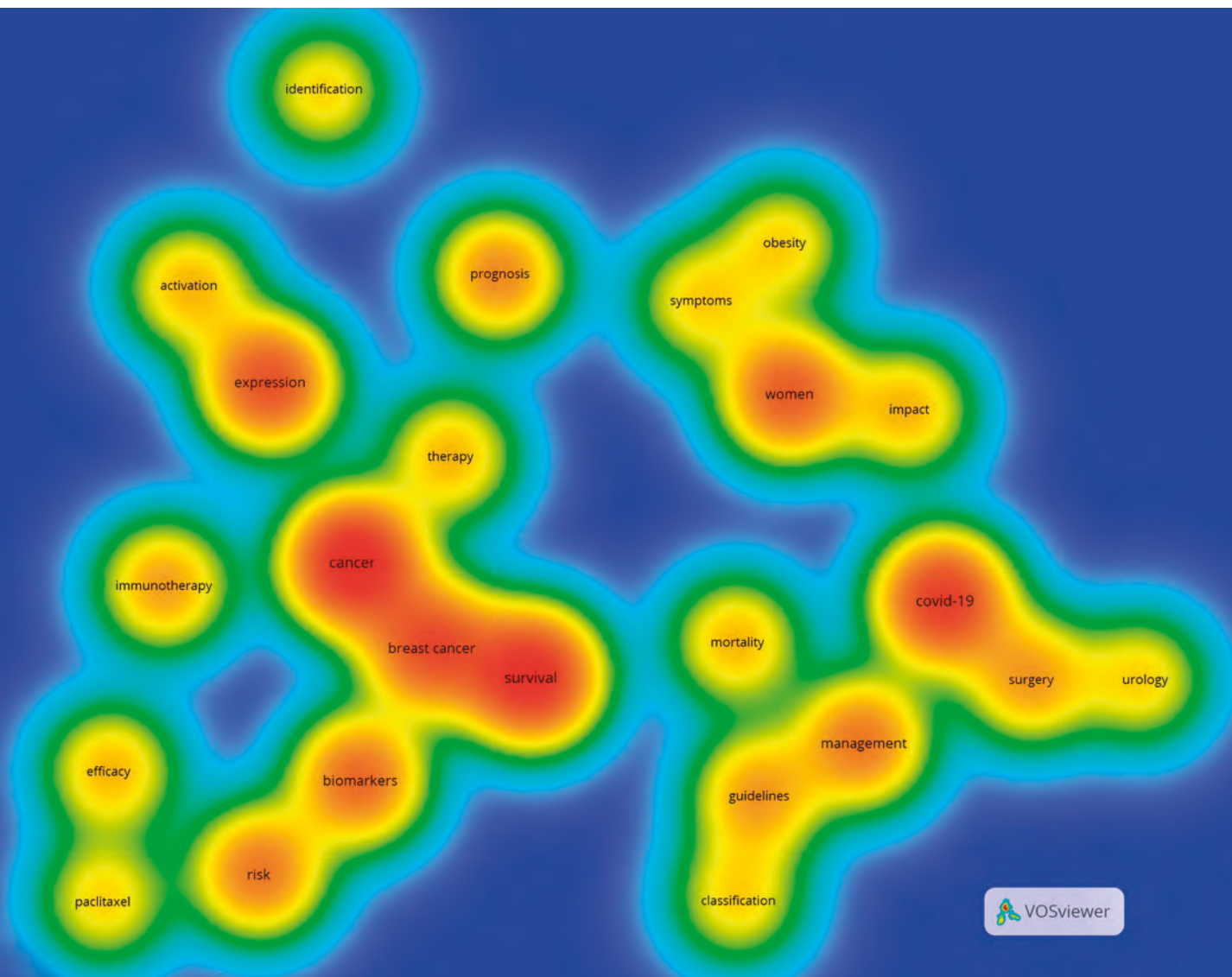
N° of Citable Items



% QI: ● 56,25

% DI: ● 16,25

Keywords (> 5 frequency)







Top 5: Journals with the highest publication rate


During 2021, the Oncology area`s researchers have published in a total of 118 different journals. The top 5 journals where they publish the most are shown below. It represents the 27.64% of the scientific production of this area. All of these journals are in the first quartile of the JCR 2021 for their thematic category. Two journals are in the Top 5 in their WoS category


JOURNAL	Nº OF PAPERS (WoS)	TIMES CITED	AVERAGE PER ITEM	QUARTIL 2021	WOS CATEGORY	ARTICLE INFLUENCE SCORE 2021	JOURNAL CITATION INDICATOR 2021	IF (WITHOUT SELF CITATIONS) 2021
ANNALS OF ONCOLOGY	24	25	1,04	Q1 (5/245)	ONCOLOGY	9.249	4.72	51.039
CANCERS	14	30	2,14	Q1 (60/245)	ONCOLOGY	1.171	1.02	5.773
JOURNAL OF CLINICAL ONCOLOGY	12	3	0,25	Q1 (6/245)	ONCOLOGY	13.675	5.62	49.836
CANCER RESEARCH	9	6	0,67	Q1 (20/245)	ONCOLOGY	3.432	1.90	13.176
INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER	9	2	0,22	Q1 (13/85)	OBSTETRICS & GYNECOLOGY	0.867	0.95	4.157
Total	68	66	0,97					


Selected 5 publications

 CABEZAS CAMARERO, SANTIAGO, Alonso-Ovies, Almudena , Merino-Menendez, Salome , CABRERA MARTIN, MARIA NIEVES, Carlos Plaza-Hernandez, Jose , PÉREZ SEGURA, PEDRO. Major pathological response and durable locoregional control after neoadjuvant pembrolizumab-carboplatin-paclitaxel in head and neck cancer. *ORAL ONCOLOGY*. 2021; 123. DOI: 10.1016/j.oraloncology.2021.105589. FI: 5,337. (D1).

 Rojas, Katerin , BALIU PIQUE, MARIA, MANZANO FERNÁNDEZ, ARÁNZAZU, SÁIZ LADERA, CRISTINA, GARCÍA BARBERÁN, VANESA, Cimas, Francisco J. , PÉREZ SEGURA, PEDRO, Pandiella, Atanasio , Gyorffy, Balazs , OCAÑA FERNANDEZ, ALBERTO. In silico transcriptomic mapping of integrins and immune activation in Basal-like and HER2+breast cancer. *Cellular Oncology*. 2021; 44 (3): 569:580. DOI: 10.1007/s13402-020-00583-9. FI: 6,73. (D1).

 Bankhead-Kendall, Brittany Kay , Futaba, Kaori , Gabre-Kidan, [...]. , RODRÍGUEZ AGULLO, JOSÉ LUIS, , ANULA FERNÁNDEZ, ROCÍO, CANO VALDERRAMA, ÓSCAR, Del Campo Martin, M. , DÍEZ VALLADARES, LUIS IGNACIO, Dominguez, I , DZIAKOVA, JANA, Garcia Alonso, M. , Garcia Romero, E. , Gomez Latorre, L. , MUGÜERZA HUSVET, JOSE MARIA, Pizarro, M. J. , Saez Carlin, P. , Sanchez del Pueblo, C. , SÁNCHEZ PERNAUTE, ANDRÉS, Sanz Ortega, G. , Sanz-Lopez, R. , TORRES GARCÍA, ANTONIO JOSÉ, Garcés-Albir, M. , Lopez, F. , Martin-Arevalo, J. , Moro-Valdezate, D. , Pla-Marti, V , Beltran de Heredia, J. , De Andres Asenjo, B. , Gomez Sanz, T. , Jezeniecki, C. , Nunez Del Barrio, H. , de Solorzano Aurusa, Ortiz F. J. , Romero de Diego, A. , Ruiz Soriano, M. , Trujillo Diaz, J. , Vazquez Fernandez, A. , Lora-Cumplido, P. , Sosa, M. , Gonzalez-Gonzalez, E. , Minaya Bravo, A. M. , Alonso de la Fuente, N. , Cazador Labat, M. , Cecchini, L. , Espinosa, C. A. , Jimenez Toscano, M. , Lopez Campillo, A. , Mancebo, G.. Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic. *BRITISH JOURNAL OF SURGERY*. 2021; 108 (1): 88:96. DOI: 10.1093/bjs/znaa051. FI: 6,939. (D1).

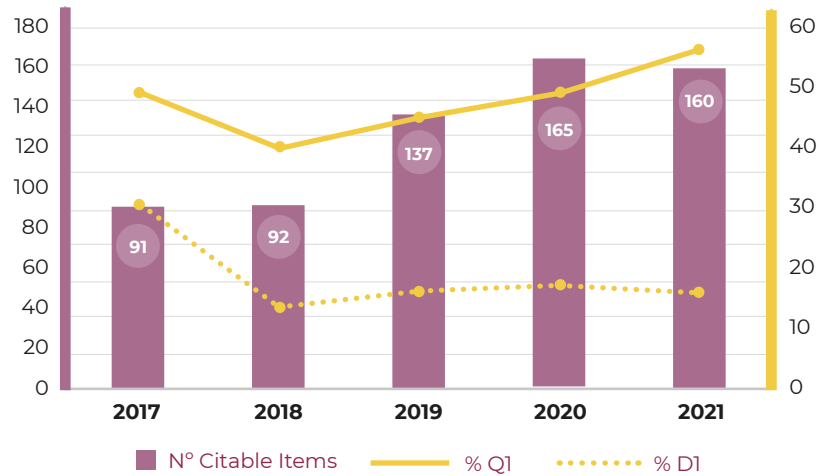
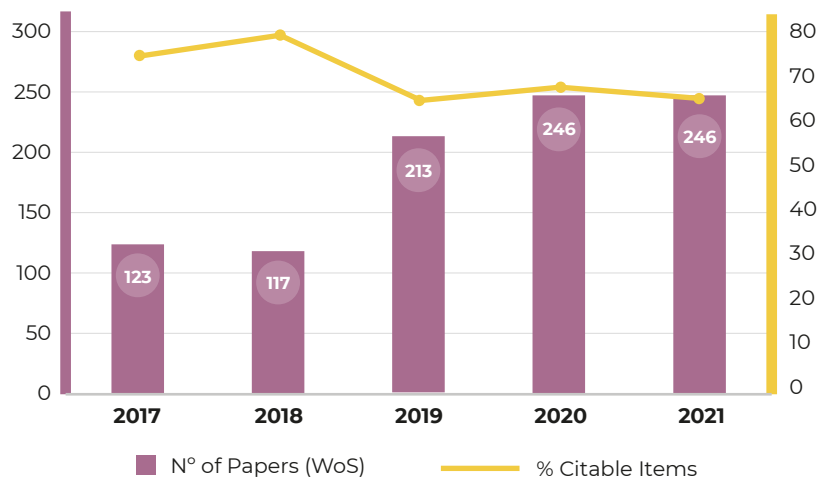
 Klionsky, Daniel J. , Abdel-Aziz, Amal Kamal , [...] , ARIAS VIVAS, EVA, [...] Mora, Marina , Morales-Alamo, David , Moratalla, Rosario , Moreira, Paula , Morelli, Elena , Moreno, Sandra , Moreno-Blas, Daniel , Moresi, Viviana , Morga, Benjamin , Morgan, . Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*. 2021; 17 (1): 1:382. DOI: 10.1080/15548627.2020.1797280. FI: 16,016. (D1).

 Aznar-Gimeno, Rocio, Esteban, Luis M. , Sanz, Gerardo , del-Hoyo-Alonso, Rafael , SAVIRÓN CORNUDELLA, RICARDO. Incorporating a New Summary Statistic into the Min-Max Approach: A Min-Max-Median, Min-Max-IQR Combination of Biomarkers for Maximising the Youden Index. *Mathematics*. 2021; 9 (19). DOI: 10.3390/math9192497. FI: 2,258. (D1).

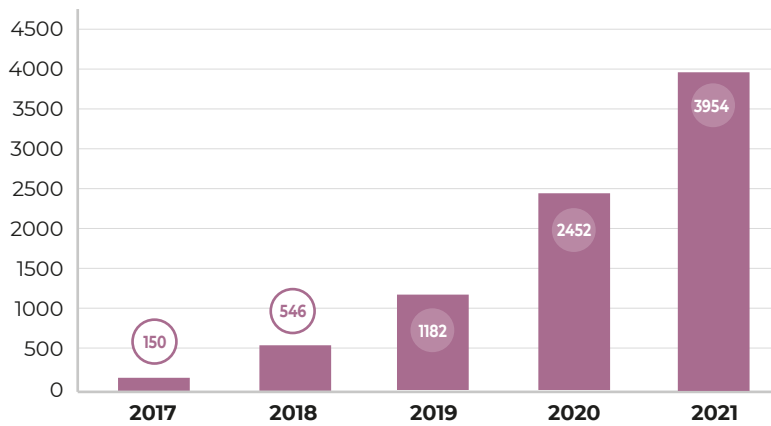
SCIENTIFIC PRODUCTION (2017-2021)



945	←... N° of papers WoS
645	←... N° citable items
50	←... % of papers OA
10.210	←... Times Cited
8.839	←... Citing Articles
10,80	←... Average per item (Total papers WoS)
1458,57	←... Average per year (Total papers WoS)
3,12	←... % Self-citations (Total papers WoS)
45	←... h index
48,05	←... % Q1 (Total citable items)
18,74	←... % D1 (Total citable items)



Times cited by year

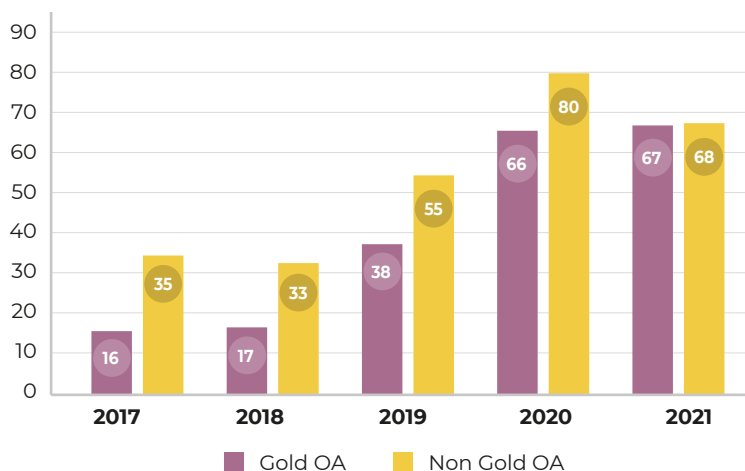


*WoS download 13.07.2022

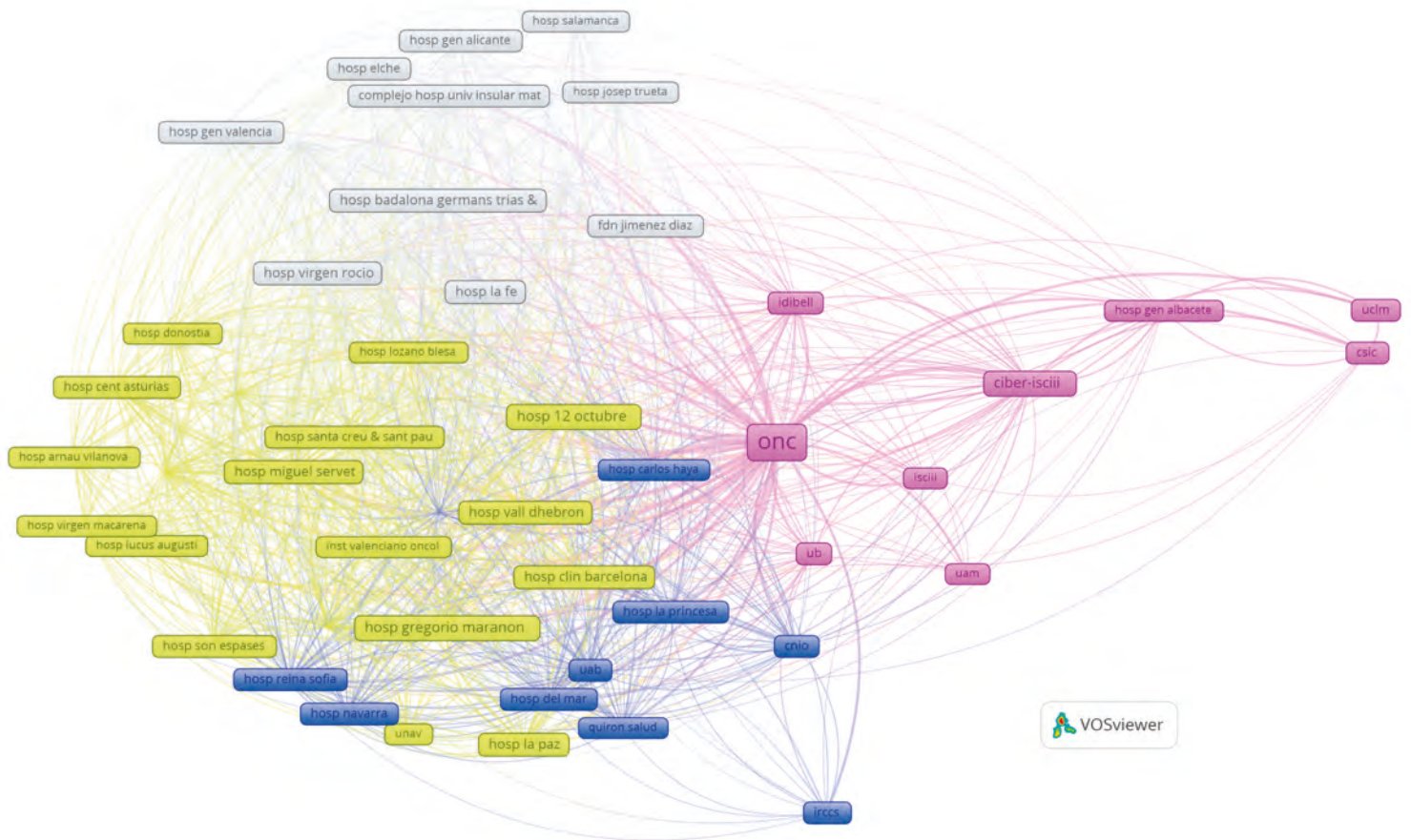
Top 5: Most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE	IF	OA TYPE
Association analysis identifies 65 new breast cancer risk loci	NATURE	568	2017	Q1 (1/64)	MULTIDISCIPLINARY SCIENCES	22.537	41.577	Non Gold OA
Randomized, Double-Blind, Phase III Trial of Ipilimumab Versus Placebo in Asymptomatic or Minimally Symptomatic Patients With Metastatic Chemotherapy-Naive Castration-Resistant Prostate Cancer	JOURNAL OF CLINICAL ONCOLOGY	401	2017	Q1 (4/223)	ONCOLOGY	7.746	26.360	No OA
Immediate and long-term impact of the COVID-19 pandemic on delivery of surgical services	BRITISH JOURNAL OF SURGERY	357	2020	Q1(11/211)	SURGERY	2.265	6.939	Non Gold OA
Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes	AMERICAN JOURNAL OF HUMAN GENETICS	319	2019	Q1(10/178)	GENETICS & HEREDITY	5.431	10.502	Non Gold OA
Lenvatinib Plus Pembrolizumab in Patients With Advanced Endometrial Cancer	JOURNAL OF CLINICAL ONCOLOGY	173	2020	Q1 (4/242)	ONCOLOGY	12.126	44.544	Non Gold OA

Open Access



Scientific Collaboration by center (> 30 papers)



Clinical and Translational Research in Oncology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
170	160	59% (101)	57% (97)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
28% (27)	8% (8)	604,43	6,64



LEADING RESEARCHER

Pedro Pérez Segura

MEMBERS

Ada Esteban Sánchez
 Adrián Sanvicente García
 Alberto Ocaña Fernandez
 Alvaro Serrano Pascual
 Ana Esteban Garcimartín
 Antonio Casado Herráez
 Aránzazu Manzano Fernández
 Aurora De La Peña Abad
 Beatriz García Paredes
 Beatriz Pérez-Villamil Salgado
 Belén Cobaleda Esteban
 Carlos Aguado De La Rosa
 Cristina Díaz-Tejeiro Rodríguez
 Cristina Sáiz Ladera
 Daniel Parra Corral
 Diana Armida Herraez
 Enrique Redondo Gonzalez
 Esther Cabañas Morafraila
 Fernando Moreno Antón
 Gloria Marquina Ospina
 Gonzalo Fernández Hinojal

Helena Olivera Pérez-Frade
 Henar Barahona Santervas
 Igor Gregorio López Cade
 Inés De Cardenas De Nó
 Inmaculada Bando Polaino
 Javier Puente Vázquez
 Javier Sastre Valera
 Jesús Fuentes Antras
 Jesús María Salinas Casado
 Jesús Moreno Sierra
 Jorge Bartolomé Arcilla
 José Ángel García Sáenz
 José Luis González Larriba
 Jose Luis Senovilla Perez
 Jose Manuel Pingarron Carrazon
 Juan Antonio Corona Sánchez
 Juan Gomez Rivas
 Julia Barrios Barriga
 Laura Carrasco Sánchez
 Lorena Fernandez Montarroso
 M^a Isabel Galante Romo

Manuel Gonzalo Vázquez Masedo
 Manuel Jorge Cuesta Rioboó
 Marco Ciappara Paniagua
 María Del Rosario Alfonso San Segundo
 Marta Delgado Delgado
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 Miguel De La Hoya Mantecón
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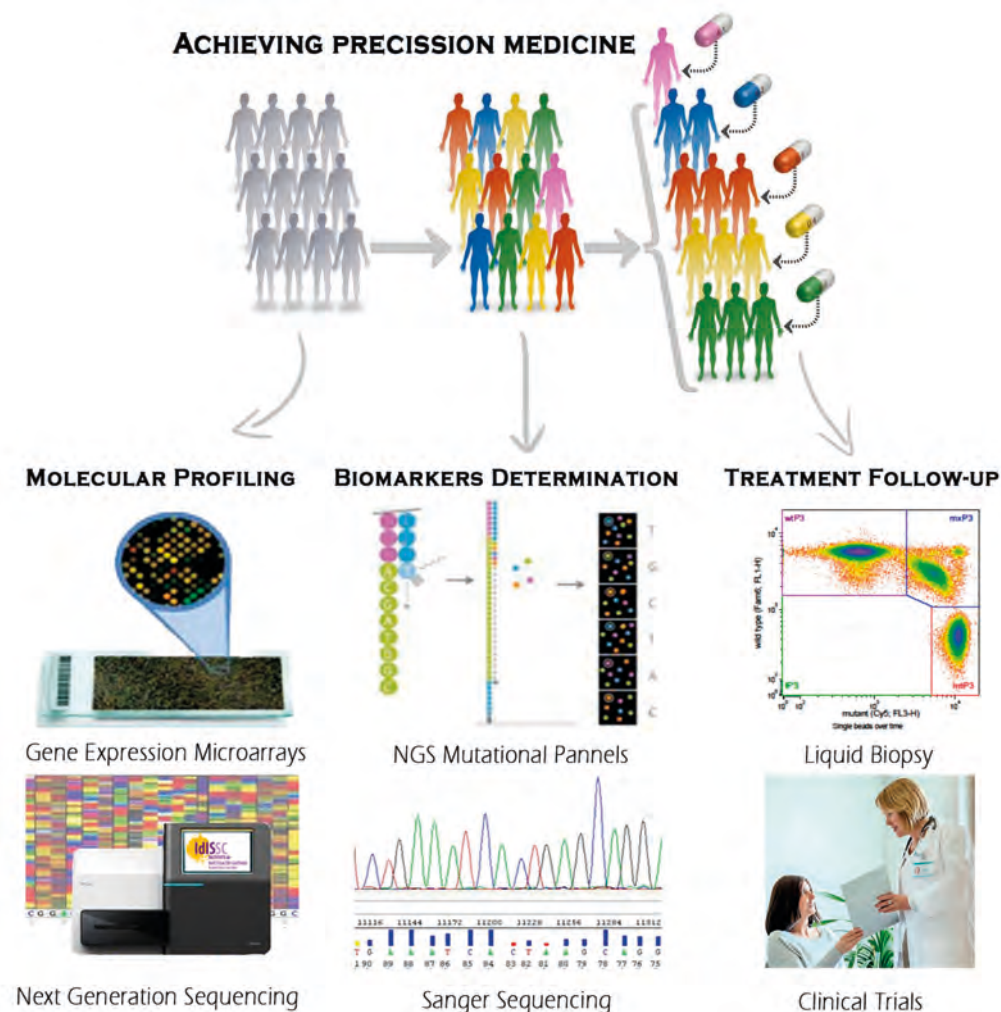
OVERVIEW

The translational research Unit in Oncology located in the Hospital Clínico San Carlos has been focused in bringing the basic research to the clinic (“bench to bedside”) for more than 30 years. To this end, several projects aimed to the discovery and analysis of predictive and prognostic factors and the hereditary component of cancer have been performed. Furthermore, thousands of clinical trials involving cytotoxic agents and also new biological drugs aimed against specific molecular targets (onco-pharmacogenomics) have been performed. With the relentless aim of the individualization of treatment, identifying responding patients have been a constant effort in every clinical trial performed.

Over the last years, the Oncology Translational Research Unit has shown its potential through the development of both clinical and laboratory research units, and is committed to the development of all lines discussed above. The identification of predictive response factors to new directed drugs is an urgent need in order to achieve a more effective and efficient medicine. These drugs are effective just in some of the treated patients, because of that, developing cutting-edge tools for the medical oncologists to achieve the most optimized treatment is completely mandatory.

The group is comprised of medical professionals dedicated to health care and clinical research, a strong data-manager group, a research nursing support group, and a research laboratory equipped with the last technical innovations (NGS sequencing, Beaming, automated molecular diagnostic solutions..) and highly qualified personnel.

Founded by the Prof Emeritus Eduardo Díaz Rubio, the unit has been committed with medical oncology, translational research and teaching activities since it very beginning. Now under the lead of Dr. Perez Segura, the development of a Phase I Unit and the consolidation of key alliances with the academic research are most relevant projects we are involved in, looking forward to the future with a compromise with scientific quality beyond any doubt.



SELECTED PUBLICATIONS

Rojas, Katerin , BALIU PIQUE, MARIA, MANZANO FERNÁNDEZ, ARÁNZA ZU, SÁIZ LADERA, CRISTINA, GARCÍA BARBERÁN, VANESA, Cimas, Francisco J. , PÉREZ SEGURA, PEDRO, Pandiella, Atanasio , Gyorffy, Balazs , OCAÑA FERNANDEZ, ALBERTO. In silico transcriptomic mapping of integrins and immune activation in Basal-like and HER2+breast cancer. *Cellular Oncology*. 2021; 44 (3): 569:580. DOI: 10.1007/s13402-020-00583-9. FI: 6,73. (D1).

del Mar Noblejas-Lopez, Maria , LÓPEZ CADE, IGOR GREGORIO, Fuentes-Antras, Jesus , FERNÁNDEZ HINOJAL, GONZALO, Esteban-Sanchez, Ada , MANZANO FERNÁNDEZ, ARÁNZA ZU, GARCÍA SÁENZ, JOSÉ ÁNGEL, PÉREZ SEGURA, PEDRO, DE LA HOYA MANTECÓN, MIGUEL, Pandiella, Atanasio , Gyorffy, Balazs , GARCÍA BARBERÁN, VANESA, OCAÑA FERNANDEZ, ALBERTO. Genomic Mapping of Splicing-Related Genes Identify Amplifications in LSM1, CLNS1A, and ILF2 in Luminal Breast Cancer. *Cancers*. 2021; 13 (16). DOI: 10.3390/cancers13164118. FI: 6,639. (Q1).

SASTRE VALERA, JAVIER, Garcia-Alfonso, P. , Vieitez, J. M. , Cano, M. T. , Rivera, F. , Reina-Zoilo, J. J. , Salud-Salvia, A. , Quintero, G. , Robles-Diaz, L. , Safont, M. J. , La Casta, A. , Gil, S. , Polo, E. , Asensio-Martinez, E. , GARCÍA PAREDES, BEATRIZ, Lopez, R. L. , Guillot, M. , Valladares-Ayerbes, M. , Aranda, E. , DÍAZ-RUBIO GARCÍA, EDUARDO, Spanish Cooperative Grp Treatment . Influence of BRAF and PIK3CA mutations on the efficacy of FOLFIRI plus bevacizumab or cetuximab as first-line therapy in patients with RAS wild-type metastatic colorectal carcinoma and < 3 baseline circulating tumour cells: the randomised phase II VISNU-2 study. *Esmo Open*. 2021; 6 (2). DOI: 10.1016/j.esmoop.2021.100062. FI: 6,54. (Q1).

CLINICAL PRACTICE GUIDELINES

de Juan Ferre, A. , Alvarez Alvarez, R. , CASADO, ANTONIO, Cruz Jurado, J. , Estival Gonzalez, A. , Martin-Broto, J. , Martinez Marin, V. , Moreno Vega, A. , Sebío Garcia, A. , Valverde Morales, C. . SEOM Clinical Guideline of management of soft-tissue sarcoma (2020). *CLINICAL & TRANSLATIONAL ONCOLOGY*. 202123 (5): 922:930. DOI:10.1007/s12094-020-02534-0.

Luque, R. , Benavides, M. , del Barco, S. , Egana, L. , Garcia-Gomez, J. , Martinez-Garcia, M. , PÉREZ SEGURA, PEDRO, Pineda, E. , Sepulveda, J. M. , Vieito, M. . SEOM clinical guideline for management of adult medulloblastoma (2020). *CLINICAL & TRANSLATIONAL ONCOLOGY*. 202123 (5): 940:947. DOI:10.1007/s12094-021-02581-1.

Martinez-Trufero, Javier , Jurado, Josefina Cruz , Hernandez-Leon, C. Nieves , Correa, Raquel , Asencio, Jose Manuel , Bernabeu, Daniel , Alvarez, Rosa , Hindi, Nadia , Mata, Cristina , MARQUINA OSPINA, GLORIA, Martinez, Virginia , Redondo, Andres , Floria, Luis Javier , Gomez-Mateo, M. Carmen , Lavernia, Javier , Sebío, Ana , del Muro, Xavier Garcia , Martin-Broto, Javier , Valverde-Morales, Claudia. Uncommon and peculiar soft tissue sarcomas: Multidisciplinary review and practical recommendations. Spanish Group for Sarcoma research (GEIS -GROUP). Part II. *CANCER TREATMENT REVIEWS*. 202199 ():: DOI:10.1016/j.ctrv.2021.102260.

NEW COMPETITIVE FUNDING

PEJ-2021-AI/BMD-21347. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: GARRE RUBIO, PILAR. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE .

PPS.SEOM.21. SEROCONVERSIÓN E IMPACTO INMUNOLÓGICO TRAS VACUNACIÓN CONTRA EL SARS-COV-2 EN PACIENTES CON TUMORES SÓLIDOS EN TRATAMIENTO ACTIVO. PI: PÉREZ SEGURA, PEDRO. Funding Organisation: SOCIEDAD ESPAÑOLA DE ONCOLOGIA (SEOM) .

NEW NON COMPETITIVE FUNDING

ECL.21/053. "ESTUDIO EN FASE III ALEATORIZADO DE MRTX849 EN COMPARACIÓN CON DOCETAXEL EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO Y MUTACIÓN G12C DE KRAS PREVIAMENTE TRATADO. PI: AGUADO DE LA ROSA, CARLOS.

ECL.21/123. ASSESSMENT OF EARLY RESISTANCE MECHANISMS TO FIRST-LINE OSIMERTINIB IN EGFR-MUTANT NON-SMALL-CELL LUNG CANCER (NSCLC) USING SPATIAL TRANSCRIPTOMICS. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/479. BLI-O. DESARROLLO DE MARCADORES MOLECULARES EN BIOPSIA LÍQUIDA PARA LARGA SUPERVIVENCIA EN ONCOINMUNOTERAPIA. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/330. CA125 EN SUPERFICIE CELULAR COMO BIOMARCADOR DE RECAÍDAS EN CÁNCER DE OVARIO. PI: MARQUINA OSPINA, GLORIA.

ECL.21/294. EMBER-3: ESTUDIO DE FASE 3, ALEATORIZADO, ABIERTO, EN EL QUE SE COMPARA LY3484356 CON LA HORMONOTERAPIA DE PREFERENCIA DEL INVESTIGADOR EN PACIENTES CON CÁNCER DE MAMA LOCALMENTE AVANZADO O METASTÁSICO, CON EXPRESIÓN DE RECEPTORES ESTROGÉNICOS Y SIN SOBREEXPRESIÓN DEL RECEPTOR HER2, QUE ANTERIORMENTE HAN RECIBIDO HORMONOTERAPIA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/125. ENSAYO CLÍNICO FASE II DE ATEZOLIZUMAB CON QUIMIOTERAPIA DE INDUCCIÓN MÁS QUIMIORADIOTERAPIA Y TERAPIA DE MANTENIMIENTO CON ATEZOLIZUMAB EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO (CPNM) ESTADIO IIIA-IIIIB NO RESECABLE. PI: AGUADO DE LA ROSA, CARLOS.

ECL.21/096. ENSAYO FASE II, MULTICÉNTRICO Y ABIERTO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL TRASTUZUMAB DERUXTECAN (T-DXD, DS-8201A) PARA EL TRATAMIENTO DE TUMORES SELECCIONADOS QUE EXPRESAN HER2 (DESTINY-PANTUMOR02). PI: MANZANO FERNÁNDEZ, ARÁNZA ZU.

ECL.21/510. ENSAYO FASE III, ALEATORIZADO, DOBLE CIEGO, PARA EVALUAR EL CAMBIO A AZD9833 (SERD ORAL DE NUEVA GENERACIÓN) + INHIBIDOR DE CDK4 /6 (PALBOCICLIB O ABEMACICLIB) FRENTE A CONTINUAR CON INHIBIDOR DE LA AROMATASA (LETROZOL O ANASTROZOL) + INHIBIDOR DE CDK4 /6 EN PACIENTES CON CÁNCER DE MAMA METASTÁSICO RH + / HER2 NEG, CON MUTACIÓN DETECTABLE DEL ESRI SIN PROGRESIÓN DE LA ENFERMEDAD DURANTE EL TRATAMIENTO DE 1L CON INHIBIDOR DE LA AROMATASA + INHIBIDOR DE CDK4 /6. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/226. ESTUDIO DE FASE 1A/B EN EL QUE SE EVALÚA LY3484356 EN MONOTERAPIA Y EN COMBINACIÓN CON ABEMACICLIB EN PACIENTES CON CÁNCER DE MAMA METASTÁSICO O LOCALMENTE AVANZADO ER+ Y HER2-. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.



ECL.21/143. ESTUDIO DE FASE 1B/2 DEL DOBLE INHIBIDOR MDMX/MDM2, ALRN-6924, PARA LA PREVENCIÓN DE LA MIELOSUPRESIÓN INDUCIDA POR QUIMIOTERAPIA.. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/182. ESTUDIO DE FASE 2, ABIERTO, ALEATORIZADO, PARA EVALUAR SAR408701 COMBINADO CON PEMBROLIZUMAB Y PARA EVALUAR PEMBROLIZUMAB SOLO EN PACIENTES CON CARCINOMA PULMONAR NO MICROCÍTICO NO ESCAMOSO (CPNM NE) AVANZADO/METASTÁSICO CEACAM5 Y PD-L1 POSITIVO.. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/181. ESTUDIO DE FASE 2, MULTICÉNTRICO Y DE VARIOS GRUPOS PARA EVALUAR PEMBROLIZUMAB (MK-3475) O MK-1308A (COFORMULACIÓN DE QUAVONLIMAB (MK-1308)/ PEMBROLIZUMAB) EN PARTICIPANTES CON CÁNCER COLORRECTAL EN ESTADIO IV CON INESTABILIDAD DE MICROSATÉLITES ALTA (MSI-H) O CON DEFECTOS EN LA REPARACIÓN DE LOS ERRORES DE EMPAREJAMIENTO (DMMR): (MK-1308A-008). PI: SASTRE VALERA, JAVIER.

ECL.21/516. ESTUDIO DE FASE 3 DE MK-4280A (FAVEZELIMAB [MK-4280]) EN COFORMULACIÓN CON PEMBROLIZUMAB [MK-3475]) EN COMPARACIÓN CON EL TRATAMIENTO DE REFERENCIA EN PARTICIPANTES CON CÁNCER COLORRECTAL METASTÁSICO POSITIVO PARA PD-L1 TRATADOS PREVIAMENTE. PI: SASTRE VALERA, JAVIER.

ECL.21/409. ESTUDIO DE FASE 3, ALEATORIZADO, CONTROLADO CON PLACEBO, DOBLE CIEGO, DE VIMSELTINIB PARA EVALUAR LA EFICACIA Y SEGURIDAD EN PACIENTES CON TUMOR TENOSINOVIAL DE CÉLULAS GIGANTES (MOTION). PI: CASADO HERRÁEZ, ANTONIO.

ECL.21/051. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, EN EL QUE SE EVALÚA ABEMACICLIB CON LA HORMONOTERAPIA ADYUVANTE DE REFERENCIA EN PARTICIPANTES CON CÁNCER DE MAMA HR+, HER-2+, DE RIESGO ALTO Y CON AFECTACIÓN GANGLIONAR, QUE HAYAN COMPLETADO UN TRATAMIENTO ADYUVANTE DIRIGIDO AL HER2. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/026. ESTUDIO DE FASE III, ABIERTO Y ALEATORIZADO DE ATEZOLIZUMAB CON LENVATINIB O SORAFENIB EN COMPARACIÓN CON LENVATINIB O SORAFENIB EN MONOTERAPIA EN CARCINOMA HEPATOCELULAR TRATADO PREVIAMENTE CON ATEZOLIZUMAB Y BEVACIZUMAB. PI: SASTRE VALERA, JAVIER.

ECL.21/001. ESTUDIO DE FASE III, ALEATORIZADO, EN DOBLE CIEGO Y CONTROLADO CON PLACEBO, DE PLATINO Y PEMETREXED COMO QUIMIOTERAPIA MÁS OSIMERTINIB FRENTE A PLATINO Y PEMETREXED COMO QUIMIOTERAPIA MÁS PLACEBO EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO CON MUTACIÓN DEL EGFR, LOCALMENTE AVANZADO O METASTÁSICO, QUE HA PROGRESADO EXTRACRANEALMENTE TRAS EL TRATAMIENTO DE PRIMERA LÍNEA CON OSIMERTINIB (COMPEL). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/055. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO Y ABIERTO EN EL QUE SE COMPARA 177LU-PSMA-617 FRENTE A UN CAMBIO DE TERAPIA DIRIGIDA AL RECEPTOR DE ANDRÓGENOS EN EL TRATAMIENTO DE HOMBRES CON CÁNCER DE PRÓSTATA METASTÁSICO PROGRESIVO RESISTENTE A LA CASTRACIÓN QUE NO HAYAN RECIBIDO TAXANOS.. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/054. ESTUDIO DE FASE III, PROSPECTIVO, ALEATORIZADO, ABIERTO E INTERNACIONAL EN EL QUE SE COMPARA 177LU-PSMA-617 EN COMBINACIÓN CON EL TRATAMIENTO DE REFERENCIA CON EL TRATAMIENTO DE REFERENCIA EN MONOTERAPIA EN PACIENTES VARONES ADULTOS CON CÁNCER DE PRÓSTATA METASTÁSICO SENSIBLE A HORMONAS.. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/438. ESTUDIO EN FASE IIB, ABIERTO, DE UN SOLO GRUPO Y MULTICÉNTRICO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE ADAVOSERTIB COMO TRATAMIENTO DEL CARCINOMA SEROSO UTERINO RECURRENTE O PERSISTENTE.. PI: MARQUINA OSPINA, GLORIA.

ECL.21/505. ESTUDIO PLATAFORMA DE FASE II, MULTICÉNTRICO Y ABIERTO QUE EVALÚA LA EFICACIA Y LA SEGURIDAD DE NIS793 Y OTRAS COMBINACIONES DE NUEVOS FÁRMACOS EN INVESTIGACIÓN CON EL TRATAMIENTO DE REFERENCIA CONTRA EL CÁNCER PARA LA SEGUNDA LÍNEA DE TRATAMIENTO DEL CÁNCER COLORRECTAL METASTÁSICO.. PI: GARCÍA PAREDES, BEATRIZ.

ECL.21/278. Estudio retrospectivo epidemiológico de revisión de historias clínicas, sobre las características de pacientes, patrones de tratamiento y utilización de recursos en pacientes con cáncer urotelial Localmente avanzado. "The EVOLVE Study: A Retrospective chart review Of the epidemiology, patient characteristics, treatment patterns and resource utilisation of Locally advanced (La) or metastatic urothelial cancer (mUC) in Spain." (La) o metastásico (mUC) en España. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/206. RADIOTERAPIA A DOSIS BAJAS EN COVID-19: IMPACTO EN LA MORTALIDAD LowRad2-Cov19. PI: VÁZQUEZ MASEDO, MANUEL GONZALO.

ECL.21/581. RETROSPECTIVE MULTICENTER STUDY OF ELDERLY PATIENTS WITH OVARIAN CANCER TREATED WITH TRABECTEDIN AND PLD ACCORDING TO SMPC. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.21/142. SERENA-4: ENSAYO DE FASE III ALEATORIZADO, MULTICÉNTRICO, DOBLE CIEGO, DE AZD9833 (UN SERD, DEGRADADOR SELECTIVO DEL RE, ORAL) MÁS PALBOCICLIB EN COMPARACIÓN CON ANASTROZOL MÁS PALBOCICLIB PARA EL TRATAMIENTO DE PACIENTES CON CÁNCER DE MAMA AVANZADO CON RECEPTORES ESTROGÉNICOS POSITIVOS Y HER2 NEGATIVO QUE NO HAN RECIBIDO NINGÚN TRATAMIENTO SISTÉMICO PARA LA ENFERMEDAD AVANZADA.. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

Cancer and Obesity

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

32

N° OF PAPERS JCR INDEXED

30

% OPEN ACCESS (N°)

63% (20)

CITABLE ITEMS

91% (29)

Q1 (CITABLE ITEMS)

14% (48)

D1 (CITABLE ITEMS)

7% (2)

CUMULATIVE IF

100,60

AVERAGE IF

4,19



LEADING RESEARCHER

Antonio José Torres García

MEMBERS

Alejandra Garcia Botella
 Ana María Gómez Martínez
 Andrés Sánchez Pernaute
 Carmen De Juan Chocano
 Esther Martín García-Almenta
 Florentino Hernando Trancho
 Jaime Otero De Pablos
 Jose Maria Mugüerza Husvet
 José Ramón Jarabo Sarceda
 Luis Ignacio Díez Valladares
 Luis Miguel Estela Villa
 M^a Inmaculada Domínguez Serrano
 M^a Pilar Iniesta Serrano
 María Elia Pérez Aguirre
 Mariela Lizet Florez Gamarra
 Mikel Rojo Abecia
 Óscar Cano Valderrama
 Patricia Saez Carlin
 Sofía De La Serna Esteban
 Vanesa Catalán Garza

OVERVIEW

Since its inception in 1992, numerous research projects have been developed by the Cancer and Obesity group in collaboration with researchers from the Department of Biochemistry and Molecular Biology, the Faculty of Pharmacy of the Universidad Complutense, and researchers from the II Surgery Services, Anatomic Pathology and Oncology Services of the Hospital San Carlos. The main objectives of the work have been mainly directed to the establishment of molecular diagnosis and prognosis of patients suffering from various carcinogenic processes. Ultimately, these studies will be useful in the creation of customized treatment protocols dependent of the detected molecular alterations.

Currently, tumor types under investigation are non-small cell lung cancer and gastrointestinal cancers, especially colorectal and gastric cancer.

Among recent year's achievements, results concerning the investigation of telomere function in non-small cell lung cancer and colorectal cancer associated with the prognosis of affected patients must be highlighted. According to the group's data, the value of the telomere status is considered as a prognostic factor in different types of human cancers that could be explained through the analysis of molecules related with the cellular senescence pathways. Thus, an established genetic signature comprising a small number of molecules would be useful in the establishment of the prognosis of affected patients that have undergone curative intent surgery.

More recently we have incorporated Obesity (and its treatment by Bariatric Surgery) as a new oncological promoter. We also started stool microbiota studies to go deeper investigating the relationship between telomere status, different molecular disorders, microbiota, and obesity.



SELECTED PUBLICATIONS

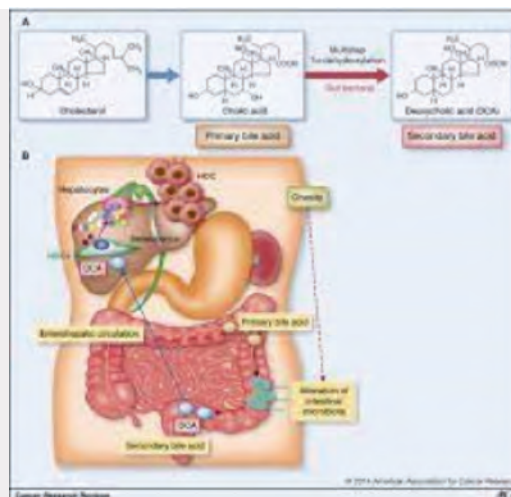
Ruano-Campos, Adriana , Cruz-Utrilla, Alejandro , LOPEZ ANTOÑANZAS, LEYRE, LUACES MÉNDEZ, MARÍA, PÉREZ DE ISLA, LEOPOLDO, RUBIO HERRERA, MIGUEL ÁNGEL, Torres Garcia, Antonio , SÁNCHEZ PERNAUTE, ANDRÉS. Evaluation of Myocardial Function Following SADI-S. OBESITY SURGERY. 2021; 31 (7): 3109:3115. DOI: 10.1007/s11695-021-05349-2. FI: 4,129. (Q1).

CANO VALDERRAMA, ÓSCAR, Sanz-Lopez, Rodrigo , SANZ ORTEGA, GONZALO, ANULA FERNÁNDEZ, ROCÍO, Romera, Jose L. , ROJO BÁEZ, NURIA, Catalan, Vanesa , MUGÜERZA HUSVET, JOSE MARIA, TORRES GARCÍA, ANTONIO JOSÉ. Trocar-site incisional hernia after laparoscopic colorectal surgery: a significant problem? Incidence and risk factors from a single-center cohort. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES. 2021; 35 (6): 2907:2913. DOI: 10.1007/s00464-020-07729-8. FI: 4,584. (Q1).

Jarabo Sarceda, Jose Ramon , Bolufer Nadal, Sergio , Mongil Poce, Roberto , Lopez de Castro, Pedro , Moreno Balsalobre, Ramon , Penalver Cuesta, Juan Carlos , Embun Flor, Raul , Pac Ferrer, Joaquin , Algar Algar, Francisco Javier , Gamez Garcia, Antonio Pablo , Jimenez, Marcelo F. , Gabriel Sales-Badia, Jesus , Pereira, Eva , Massuti, Bartomeu , Provencio, Mariano , HERNANDO TRANCHO, FLORENTINO. Spanish Lung Cancer Group SCAT trial: surgical audit to lymph node assessment based on IASLC recommendations. Translational Lung Cancer Research. 2021; 10 (4): 1761:1772. DOI: 10.21037/tlcr-20-1055. FI: 6,498. (Q1).

CLINICAL PRACTICE GUIDELINES

GARCIA BOTELLA, ALEJANDRA, Gomez Bravo, Miguel Angel , Di Martino, Marcello , Gastaca, Mikel , Martin-Perez, Elena , Sanchez Cabus, Santiago , Sanchez Perez, Belinda , Lopez Ben, Santiago , Rodriguez Sanjuan, Juan Carlos , Lopez-Andujar, Rafael , Barrera, Manuel , Grp Colaborativo Cirugia-AEC-COVID. Recommendations on intervention for hepatobiliary oncological surgery during the COVID-19 pandemic. CIRUGIA ESPANOLA. 2021; 99 (3): 174:182. DOI:10.1016/j.ciresp.2020.10.010.



Cancer, Obesity and Microbiome Telomere

Cell Signaling Mechanisms during Development and Tumor Progression

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
15	14	87% (13)	80% (12)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
75% (14)	17% (2)	75,41	6,85



OVERVIEW

Our group is focused on the study of different signal transduction pathways and their role in the regulation of cellular functions such as proliferation, differentiation, apoptosis, adhesion, cell migration, invasion and tumor dormancy in order to characterize the function of these pathways in the liver pathophysiology, tumor processes and cardiovascular diseases. Among the studied pathways, it is important to highlight MAPKs, especially p38 MAPKs; the nucleotide exchange factor, C3G; tyrosine kinase receptors, in particular, Met and EGF receptors; and some members of the TGF-beta superfamily, specifically, TGF-beta, BMP9, and their receptors. As tools for our studies, different *in vivo* and *in vitro* models are used, which includes p38 alpha and c-met conditional knockout mouse models, transgenic mice overexpressing wild type or a C3G mutant lacking the catalytic domain in platelets and liver; a transgene expressing an EGFR mutant form in the liver; as well as primary cells and cell lines derived from these models, such as hepatocytes, adult liver progenitor cells and tumor cell lines from different origins. The *in vivo* chick chorioallantoic membrane assay is also used to study tumorigenesis. In addition, CRISPR technology is used at high and low scale to identify new genes involved in cancer.

The group has extensive experience in the characterization of molecular mechanisms that mediate the actions of these signals, and the cross-talk between different signaling pathways.

Ultimately, the final goal of our research is to contribute to the knowledge of the signaling network that controls the liver pathophysiology, tumor growth and generation of metastasis and cardiovascular diseases. The function of platelets in these contexts is also on the focus, hoping that this knowledge can be applied to the search of new therapeutic tools against various diseases.

LEADING RESEARCHER

Almudena Porrás Gallo

MEMBERS

Alvaro Gutierrez Uzquiza
 Ángel Cuesta Martínez
 Aránzazu Sánchez Muñoz
 Beatriz Pacheco Gonzalez
 Blanca María Herrera González
 Celia Sequera Hurtado
 Cesáreo Roncero Romero
 Cristina Baquero Mayo
 María Rodrigo Faus
 Nerea Palao Treviño
 Paloma Bragado Domingo
 Sara Manzano Figueroa



SELECTED PUBLICATIONS

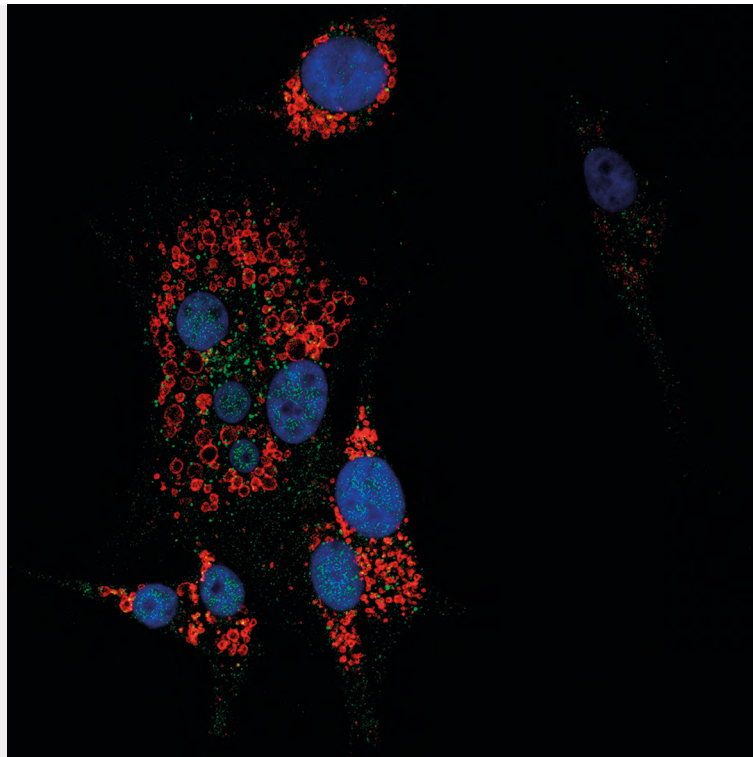
Fernandez-Nogueira, Patricia, Fuster, Gemma , GUTIERREZ UZQUIZA, ALVARO, Gascon, Pere , Carbo, Neus , BRAGADO DOMINGO, PALOMA. Cancer-Associated Fibroblasts in Breast Cancer Treatment Response and Metastasis. *Cancers*. 2021; 13 (13). DOI: 10.3390/cancers13133146. FI: 6,639. (Q1).

Garcia-Garcia, Sara , Rodrigo-Faus, Maria , Fonseca, Noelia , MANZANO FIGUEROA, SARA, Gyorffy, Balazs , OCAÑA FERNANDEZ, ALBERTO, BRAGADO DOMINGO, PALOMA, PORRAS GALLO, ALMUDENA, GUTIERREZ UZQUIZA, ALVARO. HGK promotes metastatic dissemination in prostate cancer. *SCIENTIFIC REPORTS*. 2021; 11 (1). DOI: 10.1038/s41598-021-91292-2. FI: 4,379. (Q1).

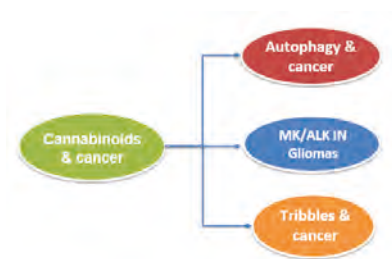
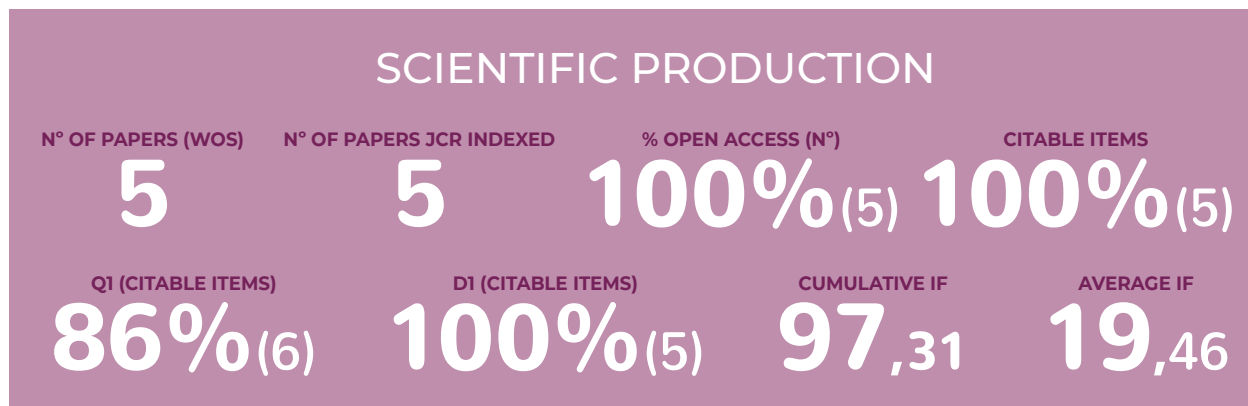
MANZANO FIGUEROA, SARA, GUTIERREZ UZQUIZA, ALVARO, BRAGADO DOMINGO, PALOMA, SEQUERA HURTADO, CELIA, Herranz, Oscar , Rodrigo-Faus, Maria , Jauregui, Patricia , Morgner, Stephanie , Rubio, Ignacio , Guerrero, Carmen , PORRAS GALLO, ALMUDENA. C3G downregulation induces the acquisition of a mesenchymal phenotype that enhances aggressiveness of glioblastoma cells. *CELL DEATH & DISEASE*. 2021; 12 (4). DOI: 10.1038/s41419-021-03631-w. FI: 8,469. (Q1).

DOCTORATE THESES

Doctoral candidate: Celia Sequera Hurtado. Thesis title: Función de C3G en la regulación del crecimiento y progresión tumoral en hepatocarcinoma. Implicación en la ruta de HGF/Met. Director(s): Almudena Porras Gallo.



Cannabinoid Signaling in Tumor Cells



LEADING RESEARCHER

Guillermo Velasco Díez

MEMBERS

- Alba Orea Soufi
- Ana García Casas
- Angélica Martínez López
- Elena Tovar Ambel
- Estíbaliz Gabicagogeascoa Corta
- M^a Del Mar Lorente Pérez
- Marco Cordani
- Nélida Salvador Tormo
- Óscar Gutiérrez Jiménez
- Paola Martín Cabrera
- Sonia Castillo Lluvia



PROYECTO DE INVESTIGACIÓN
R0J02018-102379-] T

Interacciones celulares y sistémicas entre el cáncer y la señalización metabólica - Redes de investigación 2018

OVERVIEW

Since 2001, our group of the Faculty of Biology at the Universidad Complutense in Madrid has been developing a research line focused on the study of the molecular mechanisms underlying the antitumor activity of cannabinoids, as well as optimizing the conditions of the possible clinical application of these agents. During these investigations our has developed lines of research related with the role of autophagy in cancer, the role of sphingolipids in the regulation of autophagy, the control of mTORC1 and mTORC2 complexes and its potential role in cancer or the role of the midkine /ALK axis in gliomas. The group coordinated by Guillermo Velasco has published in some of the most important journals in the field of biomedicine, has obtained national and international public and private funding and established partnerships with pharmaceutical companies that have led to the development of patents. Likewise, the results obtained by his group have contributed to set the bases of several clinical trials.



SELECTED PUBLICATIONS

Martinez-Lopez, Angelica, GARCÍA CASAS, ANA, BRAGADO DOMINGO, PALOMA, Orimo, Akira , Castaneda-Saucedo, Eduardo , CASTILLO LLUVA, SONIA. Inhibition of RAC1 activity in cancer associated fibroblasts favours breast tumour development through IL-1 beta upregulation. *CANCER LETTERS*. 2021; 521 (1): 14:28. DOI: 10.1016/j.canlet.2021.08.014. FI: 8,679. (Q1).

OREA SOUFI, ALBA, CASTILLO LLUVA, SONIA, SALVADOR TORMO, NELIDA, Martin-Cabrera, Paola , Recuero, Silvia , GABICAGOGEASCOA CORTA, ESTÍBALIZ, Moreno-Valladares, Manuel , Mendiburu-Elicabe, Marina , Blanco-Gomez, Adrian , Ramos-Pittol, Jose Miguel , Garcia-Taboada, Elena , OCAÑA FERNANDEZ, ALBERTO, Cimas, Francisco J. , Matheu, Ander , Alvarez-Lopez, Isabel , VELASCO DÍEZ, GUILLERMO, LORENTE PÉREZ, M^a DEL MAR. The Pseudokinase TRIB3 Negatively Regulates the HER2 Receptor Pathway and Is a Biomarker of Good Prognosis in Luminal Breast Cancer. *Cancers*. 2021; 13 (21). DOI: 10.3390/cancers13215307. FI: 6,639. (Q1).

Klionsky, Daniel J., Abdel-Aziz, Amal Kamal, [...], ARIAS VIVAS, EVA, [...] Mora, Marina , Morales-Alamo, David , Moratalla, Rosario , Moreira, Paula , Morelli, Elena , Moreno, Sandra , Moreno-Blas, Daniel , Moresi, Viviana , Morga, Benjamin , Morgan, . Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*. 2021; 17 (1): 1:382. DOI: 10.1080/15548627.2020.1797280. FI: 16,016. (D1).

CLINICAL PRACTICE GUIDELINES

[...], CASTILLO LLUVA, SONIA, LORENTE PÉREZ, M^a DEL MAR, [...]. Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*. 2021; 17 (1): 1:382. DOI: 10.1080/15548627.2020.1797280.

DOCTORATE THESES

Doctoral candidate: Alba Orea Soufi. Thesis title: Papel de la pseudoquinasa Tribbles 3 en cáncer de mama: estudios mecanísticos e implicaciones en el pronóstico del subtipo luminal. Director(s): Guillermo Velasco Díez, Mar Lorente Pérez, . University: UCM.

Doctoral candidate: Angélica Martínez. Thesis title: "Papel de RAC1 en el mantenimiento de las características protumorigénicas de fibroblastos asociados a cáncer y la comunicación con células de cáncer de mama". Director(s): Sonia Castillo-Lluva, . University: Universidad de Guerrero (México).

NEW COMPETITIVE FUNDING

MV21/00083. Ayudas para la movilidad del personal investigador (Movilidad M-AES). PI: GABICAGOGEASCOA CORTA, ESTÍBALIZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI21/00343. Hacia el Desarrollo de terapias individualizadas en gliomas basadas en el bloqueo del eje MDK/ALK y la utilización de cannabinoides. PI: VELASCO DÍEZ, GUILLERMO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

MOBILITY OF RESEARCHERS

Research Mobility: Estibaliz Gabicagogeascoa. Country: United Kingdom. Center: University of Newcastle.

VISITING RESEARCHER

Visiting researcher: Magdalena KusaCzuk. Country of origin: Polonia. Centre of origin: Medical University of Bialystok. Project: Artículo enviado, solicitudes presentadas.

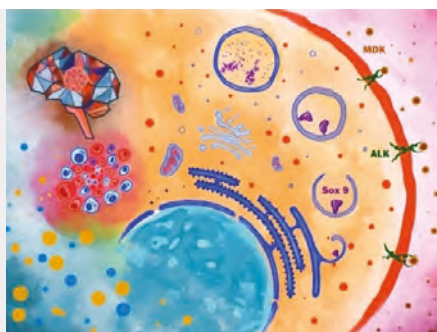
Visiting researcher: Rosana Fialho. Country of origin: Brasil. Centre of origin: Federal University of Bahia. Project: Artículos en preparación, establecimiento de colaboraciones.

Visiting researcher: Nathalia Freiras. Country of origin: Brasil. Centre of origin: Federal University of Bahia. Project: Artículos en preparación, establecimiento de colaboraciones.

Visiting researcher: Diego López de Bonis. Country of origin: Reino Unido. Centre of origin: University of Surrey.

MOBILITY OF RESEARCHERS

Research mobility: ESTÍBALIZ GABICAGOGEASCOA CORTA. Country: REINO UNIDO. Center: AMLo Biosciences and University of Newcastle. Date of departure: 12/04/2021. Return date: 08/10/2021.



Women's Health Research Group

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

33

N° OF PAPERS JCR INDEXED

30

% OPEN ACCESS (N°)

58%(19)

CITABLE ITEMS

58%(19)

Q1 (CITABLE ITEMS)

74%(14)

D1 (CITABLE ITEMS)

16%(3)

CUMULATIVE IF

91,84

AVERAGE IF

3,99

OVERVIEW

This recently created group is integrated in the Department of Obstetrics and Gynaecology and has a long research history. It consists of senior researchers and incorporates new researchers which invigorate the group character. The group members have expertise in several research fields related to Obstetrics and Gynecology, shown by several international research articles and alliances with national, as well as international groups. The most relevant alliances are: the European Organization for Research and Treatment of Cancer (EORTC), the Society of European Gynecological Robotic Surgery (SERGS), the Spanish Association for the Study of the Menopause (AEEM), the Spanish Society of Cervical Pathology and Colposcopy (AEPCC), the Gynecological Oncology and Mammary Pathology Section from the Spanish Society of Gynecology and Obstetrics (SEGO) and the Spanish Society of Laparoscopic and Robotic Surgery (SECLA). Within these organizations there is a representative which belongs to the research group. Furthermore, due to its university nature, this group is committed to teaching and development of doctoral theses and end-of-degree projects in Medicine.

LEADING RESEARCHER

Pluvio Jesús Coronado Martín

MEMBERS

Alejandra Mayoral Triana
 Arantzazu Albarracín Solaeche
 Concepción Cuenca González
 Estefanía Ruiperez Pacheco
 Francisco Javier García Santos
 Ignacio Cristobal García
 Jorge Ruiz Rodríguez
 Juan Eloy Asenjo De La Fuente
 Juana Maria Brenes Sánchez
 Lucia Garvín Ocampos
 Lucia Vaamon De Lorenzo
 Luis Monleón Llorente
 M^a Eugenia Olivares Crespo
 María Del Mar Ramírez Mena
 María Josefa Herrera De La Muela
 Miguel Ángel Herráiz Martínez
 Miriam De La Puente Yagüe
 Mónica Bellón De Amo
 Myriam Gracia Segovia
 Nuria Izquierdo Méndez
 Ricardo Savirón Cornudella
 Rocio Vacas Mata



SELECTED PUBLICATIONS

Aznar-Gimeno, Rocio , Esteban, Luis M. , Sanz, Gerardo , del-Hoyo-Alonso, Rafael , SAVIRÓN CORNUDELLA, RICARDO. Incorporating a New Summary Statistic into the Min-Max Approach: A Min-Max-Median, Min-Max-IQR Combination of Biomarkers for Maximising the Youden Index. *Mathematics*. 2021; 9 (19). DOI: 10.3390/math9192497. FI: 2,258. (D1).

CORONADO MARTÍN, PLUVIO JESÚS, Monroy, Manuel , Fasero, Maria , Sanchez-Borrego, Rafael , Palacios, Santiago , Rejas, Javier , Ruiz, Miguel A. , AEEM Collaborative Grp Study . Population-based norms for the Cervantes-SF short-form questionnaire assessing health-related quality of life in menopause. *Maturitas*. 2021; 146. 34:41. DOI: 10.1016/j.maturitas.2021.01.004. FI: 4,342. (Q1).

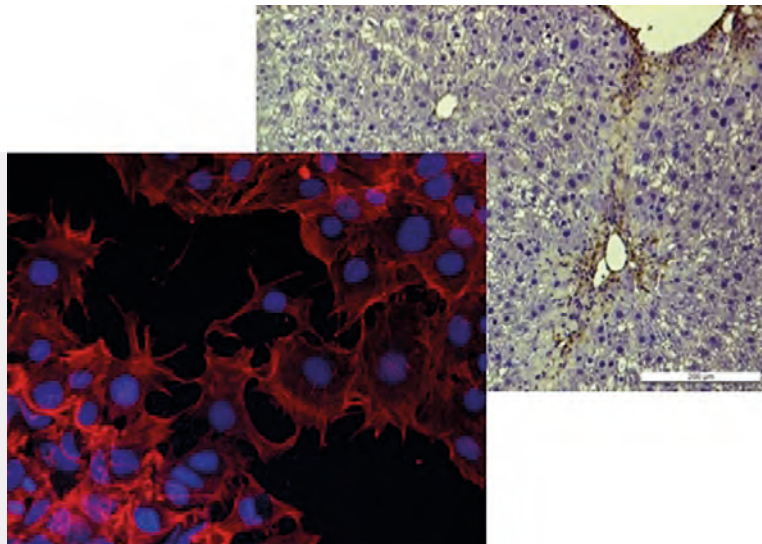
CORONADO MARTÍN, PLUVIO JESÚS, Fasero, Maria , Otero, Borja , Sanchez, Sonia , de la Viuda, Esther , Ramirez-Polo, Isabel , Llaneza, Placido , Mendoza, Nicolas , Baquedano, Laura . Health-related quality of life and resilience in peri- and postmenopausal women during Covid-19 confinement. *Maturitas*. 2021; 144. 4:10. DOI: 10.1016/j.maturitas.2020.09.004. FI: 4,342. (Q1).

NEW NON COMPETITIVE FUNDING

21/029-E. DETECCIÓN DE HÍBRIDOS PRO-METASTÁSICOS EN EL TUMOR PRIMARIO, METASTÁTICO Y LA CIRCULACIÓN PERIFÉRICA DE PACIENTES CON CÁNCER DE MAMA: UNA ESTRATEGIA PARA SU DESACTIVACIÓN. DETECTION OF PRO-METASTATIC HYBRIDS IN PRIMARY TUMOUR, PERIPHERAL BLOOD AND METASTASIS FROM PATIENTS WITH BREAST CANCER: A STRATEGY FOR ITS DEACTIVATION. PI: HERRERA DE LA MUELA, MARIA JOSEFA.

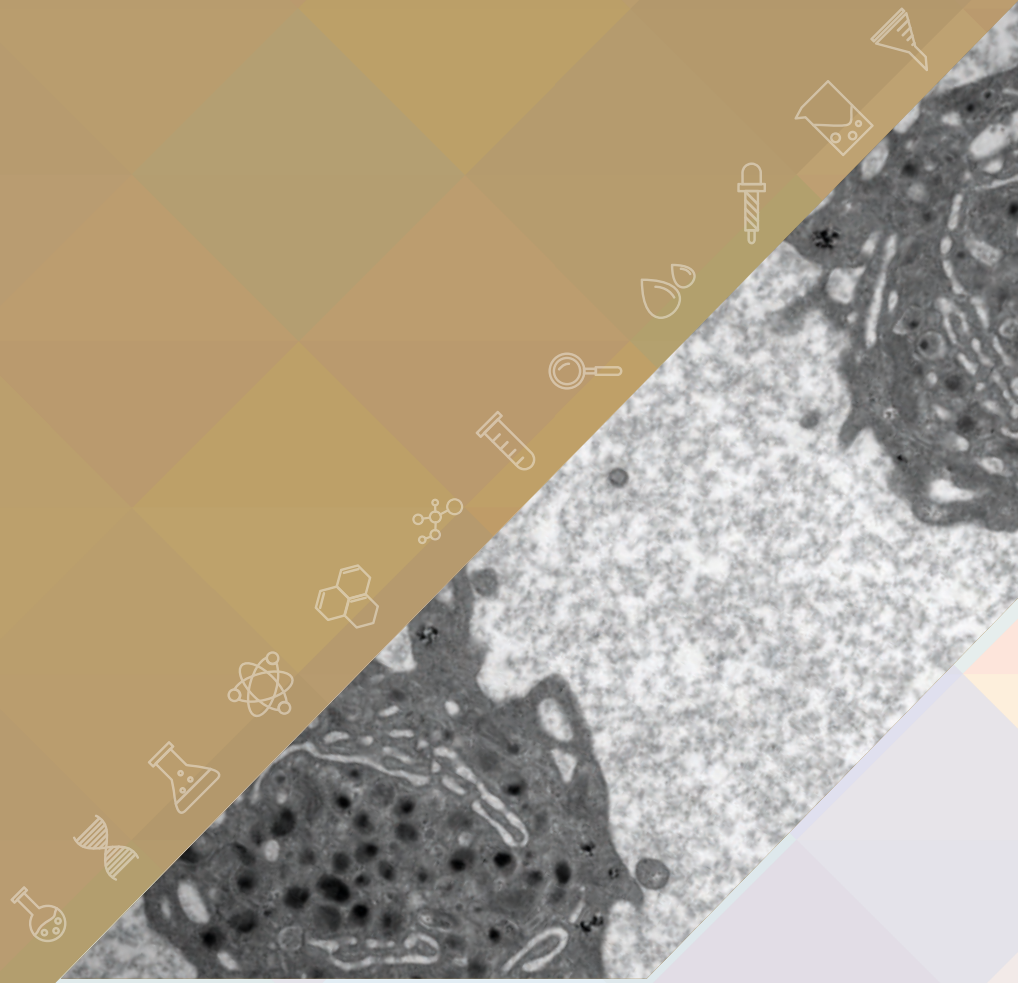
ECL.21/009. ESTILO DE VIDA Y FACTORES PREDICTIVOS DE AUMENTO PONDERAL EN PACIENTES CON CÁNCER DE MAMA. PI: BRENES SANCHEZ, JUANA MARIA.

ECL.21/295. ESTUDIO DE LA IMPLICACIÓN DE LOS TELÓMEROS EN EL ENVEJECIMIENTO Y LA DISFUNCIÓN/ INFERTILIDAD DE LOS OVARIOS. "UNDERSTANDING THE IMPLICATION OF THE TELOMERE PATHWAY IN OVARIAN AGING AND DYSFUNCTION/INFERTILITY.". PI: CRISTOBAL GARCÍA, IGNACIO.XXX



**OTHER
LARGE SYSTEMS**

OGS



GROUPS

OGS.1	Brain Glucose Sensors, Control of Satiety, Obesity and Type 2 Diabetes	OGS.23	The Digestive System
OGS.6	Diabetes and Cardiovascular	OGS.24	Hematology
OGS.9	Endocrinology of Metabolic Diseases	OGS.25	Pathology of Emergency
OGS.12	Clinical Pharmacology	OGS.27	The Interdisciplinary Study Group of Diabetic Foot
OGS.13	Technology, design and Surgical Innovation	OGS.28	Clinical research associate
OGS.14	Medical Physics	OGS.29	Socioeconomic Health Determinants
OGS.15	Aging	OGS.30	AFUSAN
OGS.17	Biomedical Imaging Research	OGS.32	Ciencias Forenses: genética y toxicología forense
OGS.18	Health Care Research	OGS.33	Chronobiological Molecular Mechanisms
OGS.19	Epidemiology and Health Services	OGS.34	Nuclear Physics Techniques and Instrumentation in Biomedicine
OGS.22	Contemporary Physiotherapy Research (InPhysio)		



ANNUAL GOALS

Strengthen cooperation in related sectors



Increase communication between the groups in the area

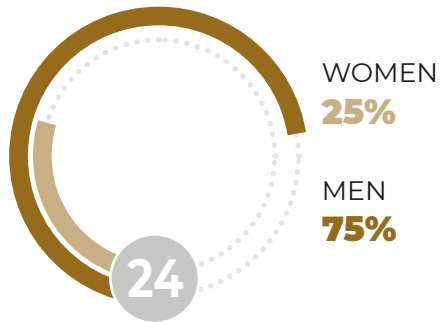


To promote transversal training in research

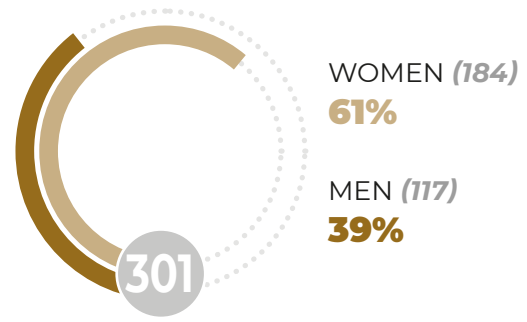




GROUP LEAD RESEARCHERS



ACCUMULATED TOTAL PROFESSIONALS IN THE AREA



ACTIVITY

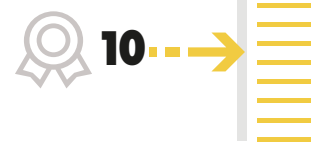
New project competitive funding



New project non competitive funding



Awards



Clinical practice guidelines



Doctorate Theses



Mobility of Researcher



Technology Transfer



SCIENTIFIC PRODUCTION



N° of Papers (WoS)



% OA: 57,25

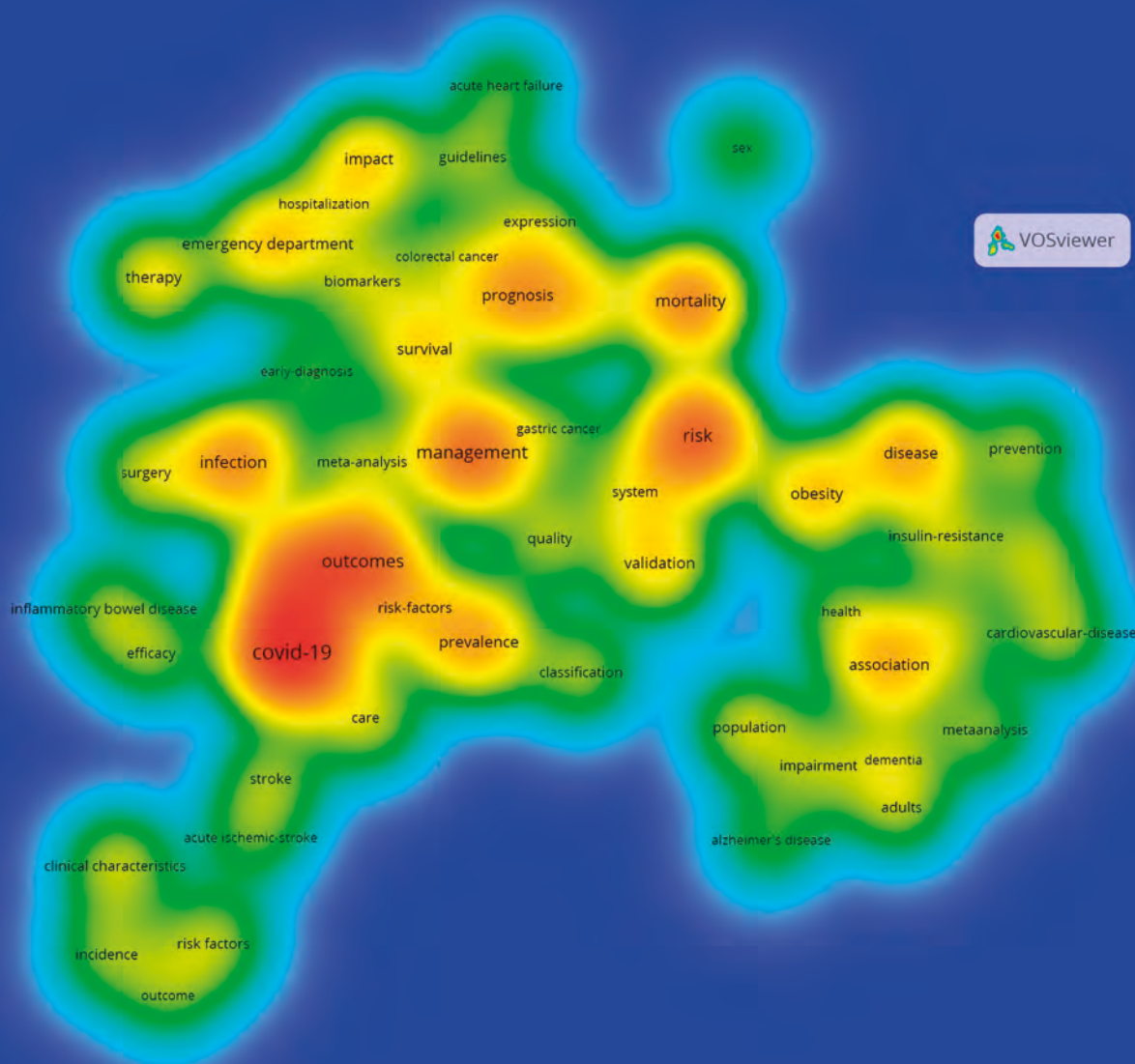
N° of Citable Items



% Q1: 47,19

% D1: 16,83

Keywords (> 5 frequency)







Top 5: Journals with the highest publication rate

During 2021, the Other Large Systems area`s researchers have published in a total of 235 different journals. The top 5 journals where they publish the most are shown below. It represents the 12% of the scientific production of this area. Three of these journals are in the first quartile of the JCR 2021 for their thematic category. Two journals are in the Top 5 in their WoS category.


JOURNAL	N° OF PAPERS (WoS)	TIMES CITED	AVERAGE PER ITEM	QUARTIL 2021	WOS CATEGORY	ARTICLE INFLUENCE SCORE 2021	JOURNAL CITATION INDICATOR 2021	IF (WITHOUT SELF CITATIONS) 2021
REVISTA ESPAÑOLA DE QUIMIOTERAPIA	13	36	2,77	Q4(116/136)	MICROBIOLOGY	0.349	0.38	2.346
JOURNAL OF CLINICAL MEDICINE	10	36	3,60	Q2 (54/172)	MEDICINE, GENERAL & INTERNAL	1.083	1.01	4.722
EMERGENCIAS	8	15	1,88	Q1 (5/32)	EMERGENCY MEDICINE	0.518	1.44	3.770
EUROPEAN HEART JOURNAL	8	21	2,63	Q1 (3/143)	CARDIAC & CARDIOVASCULAR SYSTEMS	11.139	6.77	33.873
NUTRIENTS	8	18	2,25	Q1 (15/90)	NUTRITION & DIETETICS	1.125	1.09	5.735
Total	47	126	2,68					

Selected 5 publications

 CANDEL GONZÁLEZ, FRANCISCO JAVIER, Barreiro, Pablo , San Roman, Jesus , del Mar Carretero, Maria , Carlos Sanz, Juan , Perez-Abeledo, Marta , Ramos, Belen , Manuel Vinuela-Prieto, Jose , Canora, Jesus , Javier Martinez-Peromingo, Francisco , Barba, Raquel , Zapatero, Antonio , Investigators SeroSOS Study . The demography and characteristics of SARS-CoV-2 seropositive residents and staff of nursing homes for older adults in the Community of Madrid: the SeroSOS study. AGE AND AGEING. 2021; 50(4): 1038-1047. DOI: 10.1093/ageing/afab096. FI: 10,668. (D1).

 Regueiro, Cristina , Casares-Marfil, Desire , Lundberg, Karin , Knevel, Rachel , Acosta-Herrera, Marialbert , RODRÍGUEZ RODRÍGUEZ, LUIS, Lopez-Mejias, Raquel , Perez-Pampin, Eva , Triguero-Martinez, Ana , Nuno, Laura , Ferraz-Amaro, Ivan , Rodriguez-Carrió, Javier , Lopez-Pedraza, Rosario , Robustillo-Villarino, Montse , Castaneda, Santos , Remuzgo-Martinez, Sara , Alperi, Mercedes , Alegre-Sancho, Juan J. , Balsa Criado, Alejandro, Gonzalez-Alvaro, Isidoro , Mera, Antonio , FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, Gonzalez-Gay, Miguel A. , Trouw, Leendert A. , Gronwall, Caroline , Padyukov, Leonid , Martin, Javier , GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO. HLA-B*08 Identified as the Most Prominently Associated Major Histocompatibility Complex Locus for Anti-Carbamylated Protein Antibody-Positive/Anti-Cyclic Citrullinated Peptide-Negative Rheumatoid Arthritis. ARTHRITIS & RHEUMATOLOGY. 2021; 73(6): 963-969. DOI: 10.1002/art.41630. FI: 10,995. (D1).

 Gomez-Outes, Antonio, Alcubilla, Pau, Calvo-Rojas, Gonzalo, Terleira-Fernandez, Ana Isabel, Suarez-Gea, Luisa, Lecumberri, Ramon , VARGAS CASTRILLÓN, EMILIO. Meta-Analysis of Reversal Agents for Severe Bleeding Associated With Direct Oral Anticoagulants. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2021; 77(24): 2987-3001. DOI: 10.1016/j.jacc.2021.04.061. FI: 24,094. (D1).

 Rubino, Domenica , Abrahamsson, Niclas , Davies, Melanie , Hesse, Dan , Greenway, Frank L. , Jensen, Camilla , Lingvay, Ildiko , Mosenzon, Ofri , Rosenstock, Julio , RUBIO HERRERA, MIGUEL ÁNGEL, Rudofsky, Gottfried , Tadayon, Sayeh , Wadden, Thomas A. , Dicker, Dror , STEP 4 Investigators . Effect of Continued Weekly Subcutaneous Semaglutide vs Placebo on Weight Loss Maintenance in Adults With Overweight or Obesity The STEP 4 Randomized Clinical Trial. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION. 2021; 325(14): 1414-1425. DOI: 10.1001/jama.2021.3224. FI: 56,272. (D1).

Borobia, Alberto M. , Carcas, Antonio J. , Perez-Olmeda, Mayte , Castano, Luis , Jesus Bertran, Maria , Garcia-Perez, Javier , Campins, Magdalena , PORTOLÉS PÉREZ, ANTONIO, Gonzalez-Perez, Maria , Garcia Morales, Maria Teresa , Arana-Arri, Eunete , Aldea, Marta , Diez-Fuertes, Francisco , Fuentes, Inmaculada , Ascaso, Ana , Lora, David , Imaz-Ayo, Natale , Baron-Mira, Lourdes E. , Agusti, Antonia , Perez-Inguidua, Carla , Gomez de la Camara, Agustin , Ramon Arribas, Jose , Ochando, Jordi , Alcami, Jose , Belda-Iniesta, Cristobal , Frias, Jesus , CombiVacS Study Grp . Immunogenicity and reactogenicity of BNT162b2 booster in ChAdOx1-S-primed participants (CombiVacS): a multicentre, open-label, randomised, controlled, phase 2 trial. Lancet. 2021; 398(10295): 121-130. DOI: 10.1016/S0140-6736(21)01420-3. FI: 79,321. (D1).

SCIENTIFIC PRODUCTION (2017-2021)



1.869 ←... N° of papers WoS

1.414 ←... N° citable items

44 ←... % of papers OA

15.105 ←... Times Cited

12.735 ←... Citing Articles

8,08 ←... Average per item (Total papers WoS)

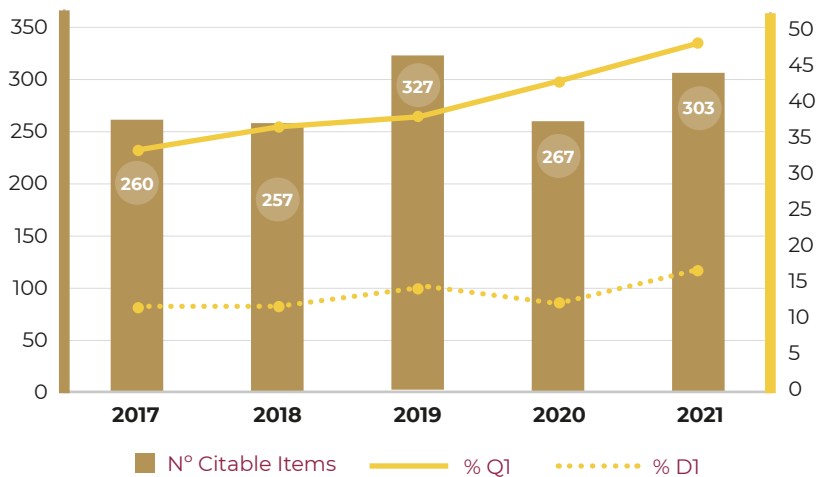
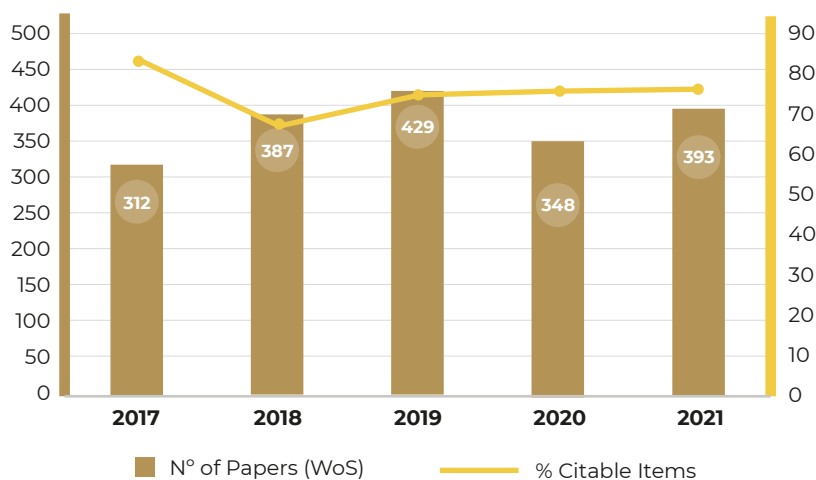
2.157,86 ←... Average per year (Total papers WoS)

7,43 ←... % Self-citations (Total papers WoS)

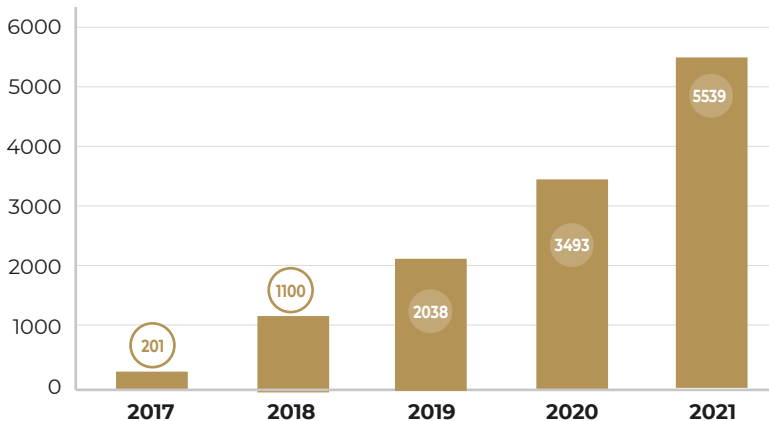
50 ←... h index

39,56 ←... % Q1 (Total citable items)

13,62 ←... % D1 (Total citable items)



Times cited by year

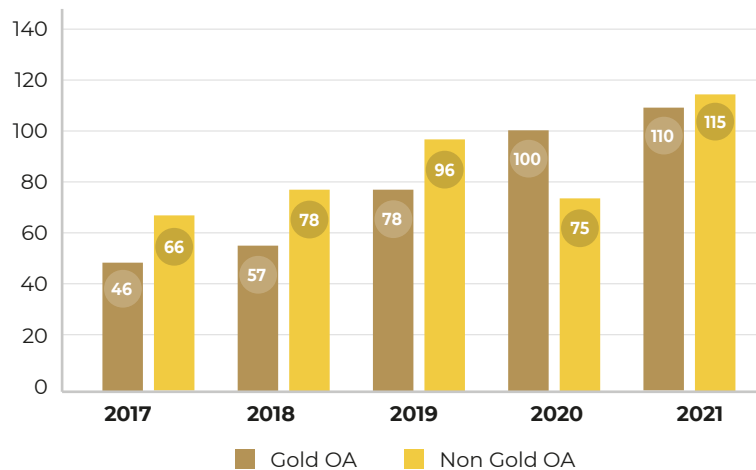


*WoS download 13.07.2022

Top 5 most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE	IF	OA TYPE
Use of renin-angiotensin-aldosterone system inhibitors and risk of COVID-19 requiring admission to hospital: a case-population study	LANCET	254	2020	Q1(2/167)	MEDICINE, GENERAL & INTERNAL	29.073	79.323	Non Gold OA
Spanish Guidelines for Management of Chronic Obstructive Pulmonary Disease (GesEPOC) 2017. Pharmacological Treatment of Stable Phase	ARCHIVOS DE BRONCONEUMOLOGIA	231	2017	Q2 (29/60)	RESPIRATORY SYSTEM	0.522	2.633	No OA
Predicting Cardiovascular Events in Familial Hypercholesterolemia The SAFEHEART Registry (Spanish Familial Hypercholesterolemia Cohort Study)	CIRCULATION	164	2017	Q1(1/65)	PERIPHERAL VASCULAR DISEASE	7.199	18.881	Non Gold OA
Depth of Response in Multiple Myeloma: A Pooled Analysis of Three PETHEMA/GEM Clinical Trials	JOURNAL OF CLINICAL ONCOLOGY	160	2017	Q1(6/290)	ONCOLOGY	7.746	26.360	Non Gold OA
Ravulizumab (ALXN1210) vs eculizumab in C5-inhibitor-experienced adult patients with PNH: the 302 study	BLOOD	128	2019	Q1(1/76)	HEMATOLOGY	4.516	17.794	Non Gold OA

Open Access



Brain Glucose Sensors, Control of Satiety, Obesity and Type 2 Diabetes

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
2	100%₍₂₎	100%₍₂₎	100%₍₂₎
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
100%₍₂₎	50%₍₁₎	14,38	7,19



LEADING RESEARCHERS

Elvira Álvarez García
Enrique Blázquez Fernández

MEMBERS

Esther Velázquez Sánchez
Juan Miguel Ruiz Albusac
M^a Ángeles Navas Hernández
María Del Carmen Sanz Miguel
Verónica Hurtado Carneiro

OVERVIEW

Our group investigates the role of the PASK sensor in the central and peripheral adaptation to: fasting/feeding states, high-fat diet, altered redox states and aging. We are discerning the importance of PASK in the adaptive response to fasting and feeding, oxidative metabolism, oxidative stress and the function in thermogenesis studying hypothalamus-brown adipose tissue intercommunication.

On the other hand, we are also interested on the relationship between resistance to insulin action and cerebral glucose hypometabolism in neurodegenerative diseases (Alzheimer's and Diabetes Mellitus type 2), both at the molecular level and using studies of Molecular image (Micro-PET). Analysing as well the effects of insulin-sensitizing agents (metformin and pioglitazone).

Another of the areas of interest of our research group is the molecular diagnosis of monogenic diabetes (MODY) and the functional characterization of MODY mutations. Recently, new mutations associated with familial hyperglycemia MODY2 and activating mutations of glucokinase in hyperinsulinism phenotypes have been characterized.

The study of the role of orexigenic and anorexigenic regulatory peptides in the control of satiety and obesity.

Molecular diagnosis of monogenic diabetes and the study of the regulation of proteins involved.

Study of the biological actions of GLPs in pluripotent stem cells and embryonic development.

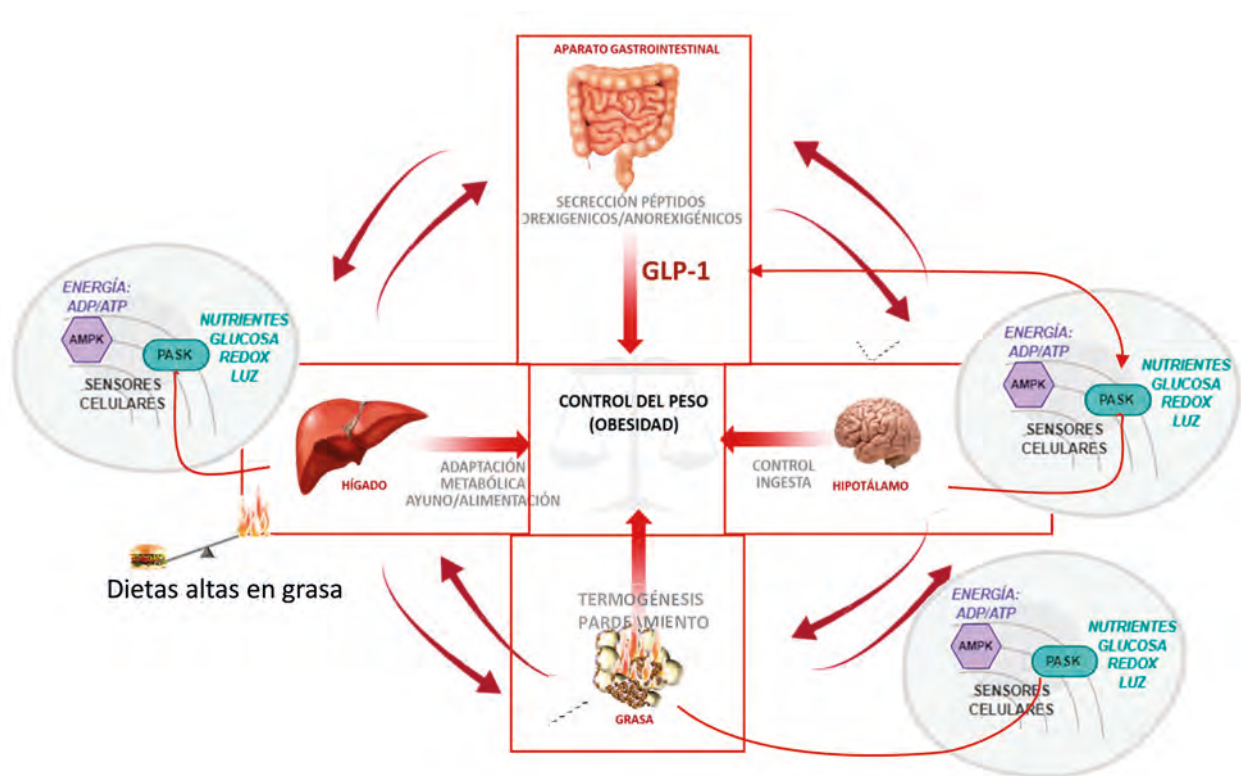
Mechanism of action and physiological effects of GLPs on apoptosis and cell proliferation.



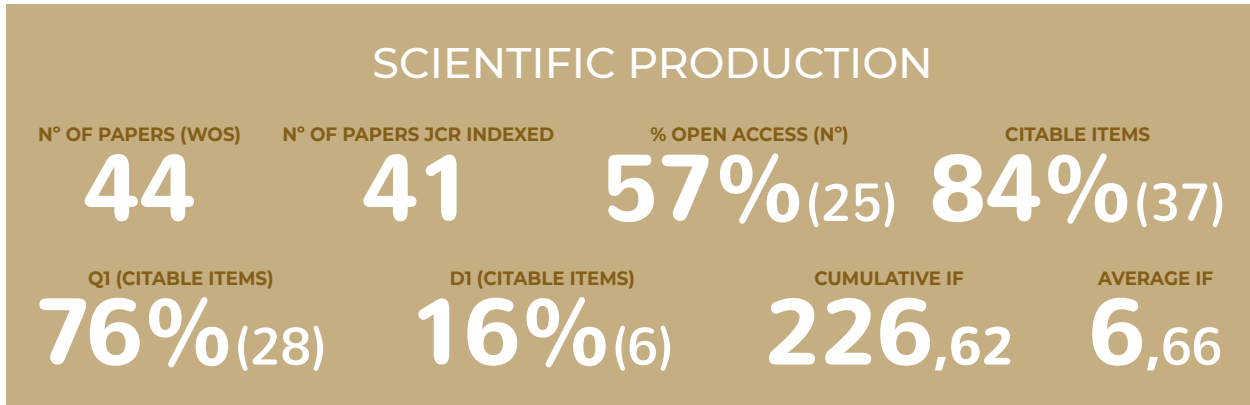
SELECTED PUBLICATIONS

HURTADO CARNEIRO, VERONICA, DONGIL SANCHEZ, PILAR, PEREZ GARCIA, ANA, ÁLVAREZ GARCÍA, ELVIRA, SANZ NIETO, CARMEN. Preventing Oxidative Stress in the Liver: An Opportunity for GLP-1 and/or PASK. *ANTIOXIDANTS*. 2021; 10 (12). DOI: 10.3390/antiox10122028. FI: 6,312. (D1).

PEREZ GARCIA, ANA, HURTADO CARNEIRO, VERONICA, MEDRANO DE DIOS, LUZ MARIA, DONGIL SANCHEZ, PILAR, Garcia-Maurino, Jose Enrique, Sanchez, Maria Dolores, SANZ NIETO, CARMEN, ÁLVAREZ GARCÍA, ELVIRA. Storage and Utilization of Glycogen by Mouse Liver during Adaptation to Nutritional Changes Are GLP-1 and PASK Dependent. *NUTRIENTS*. 2021; 13 (8). DOI: 10.3390/nut13082552. FI: 5,717. (Q1).



Endocrinology of Metabolic Diseases



OVERVIEW

The research group of Endocrinology of Metabolic Diseases is recognized as an organization element designed to facilitate research based on clinical management and comprehensive care, to patients with endocrine metabolic diseases. The group will encourage the participation, involvement and responsibility of all professionals. Advanced information systems will be used as part of the cost-effectiveness evaluation and quality translational research in metabolic diseases.

The group is also involved in controlling the efficiency of the research conducted through the highest bodies of management of the Centre, or Health Centers, in order to increase knowledge in the prevention and treatment of all metabolic diseases, in the field of endocrinology and nutrition.

LEADING RESEARCHER

Alfonso Luis Calle Pascual

MEMBERS

- Alejandra Durán Rodríguez-Hervada
- Ana María Barabash Bustelo
- Angélica Larrad Sáinz
- Elena Bordiú Obanza
- Gemma Hernández Núñez
- Isabelle Runkle de la Vega
- Johanna Josefina Valerio Deogracia
- Jorge Gabriel Ruiz Sanchez
- José Ángel Díaz Pérez
- José Ramón Calle Fernández
- Laura del Valle Díez
- Lucio Cabrerizo García
- M^a Soledad Fernández Alfonso
- Macarena Torrego Ellacuría
- María Concepción Sanabria Pérez
- María del Carmen Montañez Zorilla
- María Ortiz Ramos
- María Paz de Miguel Novoa
- María Pilar Matía Martín
- Mercedes Galindo Rubio
- Miguel Ángel Rubio Herrera
- Natalia Pérez Ferre
- Nuria García de la Torre Lobo



SELECTED PUBLICATIONS

PESCADOR SÁNCHEZ, NURIA, Francisco, Vera, Vazquez, Patricia, María Esquinas, Eva, Gonzalez-Paramos, Cristina, Pilar Valdecantos, M., Garcia-Martinez, Irma, Urrutia, Andres A., Ruiz, Laura, Escalona-Garrido, Carmen, Foretz, Marc, Viollet, Benoit, Angel Fernandez-Moreno, Miguel, CALLE PASCUAL, ALFONSO LUIS, Jesus Obregon, Maria, Aragones, Julian, Valverde, Angela M.. Metformin reduces macrophage HIF1 alpha-dependent proinflammatory signaling to restore brown adipocyte function in vitro. REDOX BIOLOGY. 2021; 48. DOI: 10.1016/j.redox.2021.102171. FI: 11,799. (D1).

Schroder, Helmut, Dolores Zomeno, María, Angel Martinez-Gonzalez, Miguel, Salas-Salvado, Jordi, Corella, Dolores, Vioque, Jesus, Romaguera, Dora, Alfredo Martinez, J., Tinahones, Francisco J., Lopez Miranda, Jose, Estruch, Ramon, Bueno-Cavanillas, Aurora, Alonso Gomez, Angel M., Tur, Josep A., Warnberg, Julia, Serra-Majem, Lluís, Martín, Vicente, Vazquez, Clotilde, Lapetra, Jose, Pinto, Xavier, Vidal, Josep, Daimiel, Lidia, Gaforio, Jose Juan, MATÍA MARTÍN, MARÍA PILAR, Ros, Emilio, Lassale, Camille, Ruiz-Canela, Miguel, Babio, Nancy, Sorli, Jose, Garcia-Arellano, Ana, Diaz-Lopez, Andres, Fito, Montserrat, Castaner, Olga, PREDIMED-Plus Investigators. Validity of the energy-restricted Mediterranean Diet Adherence Screener. CLINICAL NUTRITION. 2021; 40 (8): 4971:4979. DOI: 10.1016/j.clnu.2021.06.030. FI: 7,324. (D1).

Rubino, Domenica, Abrahamsson, Niclas, Davies, Melanie, Hesse, Dan, Greenway, Frank L., Jensen, Camilla, Lingvay, Ildiko, Mosenzon, Ofri, Rosenstock, Julio, RUBIO HERRERA, MIGUEL ÁNGEL, Rudofsky, Gottfried, Tadayon, Sayeh, Wadden, Thomas A., Dicker, Dror, STEP 4 Investigators. Effect of Continued Weekly Subcutaneous Semaglutide vs Placebo on Weight Loss Maintenance in Adults With Overweight or Obesity The STEP 4 Randomized Clinical Trial. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION. 2021; 325 (14): 1414:1425. DOI: 10.1001/jama.2021.3224. FI: 56,272. (D1).

AWARDS

Researcher aware: CALLE PASCUAL, ALFONSO LUIS. Award: II Premios a la traslación de valor a la atención sanitaria: mejora de resultados de salud.

Researcher aware: CALLE PASCUAL, ALFONSO LUIS. Award: XXV Premio Científico - 1º Premio.

NEW COMPETITIVE FUNDING

AC21_2/00036. Dietary Assessment & Further Development of Biomarkers for AII. PI: CALLE PASCUAL, ALFONSO LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

CONV19/200. Contrato de Intesificación del Dr.Alfonso Calle Pascual: El objeto del contrato es la realización por el facultativo especialista contratado de parte de la actividad clínico asistencial del Investigador Principal intesificado. PI: CALLE PASCUAL, ALFONSO LUIS. Funding Organisation: HOSPITAL CLINICO SAN CARLOS.

Clinical Pharmacology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

13

Q1 (CITABLE ITEMS)

67%₍₈₎

N° OF PAPERS JCR INDEXED

12

D1 (CITABLE ITEMS)

50%₍₆₎

% OPEN ACCESS (N°)

46%₍₆₎

CUMULATIVE IF

313,46

CITABLE ITEMS

92%₍₁₂₎

AVERAGE IF

26,53

LEADING RESEARCHER

Emilio Vargas Castrillón

MEMBERS

Agustín Molina Jaraquemada
Alba Campos Vega
Alexandra Domingo Fernández
Amanda López Picado
Ana Ascaso Del Río
Ana Belén Navalpotro Cosin
Ana Belén Rivas Paterna
Ana Isabel Terleira Fernández
Ángel Hernández Bartolomé
Antonio Portolés Pérez
Carla Pérez Ingidua
Carlos María Elvira Martínez
Carmen Sanz Nieto
Cristina Cuesta Mínguez
Daniel Lozano Martín
Esperanza González Rojano
Eva M^a Martín Nieto
Fernando De Andrés Rodríguez-Trelles
Gema del Prado Marugán
Irina Mao Burguillo
Iryna Osypchuk
Javier Álex Muñoz
Jose Antonio Gil Marín
José González Leiva

Juliana Cedrola Silva
Kimberley Cristina Paucar Vidal
Leonor María Laredo Velasco
Lourdes Cabrera Garcia
Luis Alberto Tebar Palmero
M^a Del Carmen Cardos Alonso
Manuel Sánchez Craviotto
María Aranzazu Urrutia De La Plaza
María Del Mar García Arenillas
María Dolores Jimenez SantaMaría
María Paloma Sanz Cameno
Marta Espada Sánchez
Natalia Pérez Macías
Natalia Rodríguez Galán
Nieves Ortiz Cortés
Ouhao Zhu Huang
Pilar Ruiz Dafonte
Rosa M^a Muñoz Sastre
Sara Muñoz Vicente
Sonia Domínguez Muñoz
Susana García Ramos
Susana Jato Sánchez
Vanessa Obra Arias



OVERVIEW

The Clinical Pharmacology group was created from the Service's staff under the same name. For more than 20 years the Clinical Pharmacology group has been developing research in the drug area. It uses experimental and observational methods applied to humans, as well as pharmacokinetic modeling techniques and response and/or economic factors.

In collaboration with other services, the Clinical Pharmacology group has developed a large number of phase I to IV clinical trials in healthy volunteers and in patients. It has also conducted numerous studies about Drug Utilization, as well as about Evaluation of Safety, Use and/or Economic Medicines Assessment, with whom it has tried to maximize both scientific results and knowledge profitability for the Health System and for the patient, resulting in publications, doctoral theses, user guides, recommendations, evaluation and control measures, etc. On the other hand, it has acquired a high degree of experience and knowledge in bioethics and regulatory area related to research, development and registration of new drugs. This part greatly contributes to improve the orientation in investigation with medicines in human beings, as well as to maximize the scientific profitability and future knowledge applicability



SELECTED PUBLICATIONS

Hongchao Pan; Richard Peto; Ana María Henao; Antonio Portolés; Emilio Vargas; Ana Belen Rivas et al. Repurposed Antiviral Drugs for Covid-19 - Interim WHO Solidarity Trial Results. *NEW ENGLAND JOURNAL OF MEDICINE*. 2021; 384 (6): 497:511. DOI: 10.1056/NEJMoa2023184. FI: 176,079. (Q1).

Borobia, Alberto M., Carcas, Antonio J., Perez-Olmeda, Mayte, Castano, Luis, Jesus Bertran, María, Garcia-Perez, Javier, Campins, Magdalena, PORTOLÉS PÉREZ, ANTONIO, Gonzalez-Perez, María, García Morales, María Teresa, Arana-Arri, Eunáte, Aldea, Marta, Díez-Fuertes, Francisco, Fuentes, Inmaculada, ASCASO, ANA, Lora, David, Imaz-Ayo, Natale, Baron-Mira, Lourdes E., Agusti, Antonia, Perez-Ingidua, Carla, Gomez de la Camara, Agustin, Ramon Arribas, Jose, Ochando, Jordi, Alcami, Jose, Belda-Iniesta, Cristobal, Frias, Jesus, CombiVacS Study Grp. Immunogenicity and reactogenicity of BNT162b2 booster in ChAdOx1-S-primed participants (CombiVacS): a multicentre, open-label, randomised, controlled, phase 2 trial. *Lancet*. 2021; 398 (10295): 121:130. DOI: 10.1016/S0140-6736(21)01420-3. FI: 79,321. (D1).

Gomez-Outes, Antonio, Alcubilla, Pau, Calvo-Rojas, Gonzalo, Terleira-Fernandez, Ana Isabel, Suarez-Gea, Luisa, Lecumberri, Ramon, VARGAS CASTRILLÓN, EMILIO. Meta-Analysis of Reversal Agents for Severe Bleeding Associated With Direct Oral Anticoagulants. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 2021; 77 (24): 2987:3001. DOI: 10.1016/j.jacc.2021.04.061. FI: 24,094. (D1).

NEW COMPETITIVE FUNDING

21/528-E. RescueVac: Estudio de respuesta de inmunogenicidad de las vacunas autorizadas contra la COVID-19 en sujetos que han recibido otra vacuna experimental. PI: PORTOLÉS PÉREZ, ANTONIO.

ECL.21/663. Prospective study to establish the immune status in the elderly after receiving a full course of vaccination. ENE-COVID SENIOR. PI: PORTOLÉS PÉREZ, ANTONIO. PROMOTOR: INSTITUTO DE SALUD CARLOS III."

21/341-EC_M. A PHASE 2, COMPARATIVE, RANDOMISED, ADAPTIVE TRIAL TO EVALUATE THE SAFETY AND IMMUNOGENICITY OF ONE DOSE OF COMIRNATY IN SUBJECTS THAT HAD RECEIVED ONE DOSE OF VAXZEVRIA.. PI: PORTOLÉS PÉREZ, ANTONIO. PROMOTOR: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

CONV21/086. Cesión uso intranet y Web SCReN. PI: VARGAS CASTRILLÓN, EMILIO. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA DEL HOSPITAL UNIVERSITARIO LA PAZ.

ECL.21/292. ESTUDIO FASE 2B, ALEATORIZADO, DE GRUPOS PARALELOS, DOBLE CIEGO Y CONTROLADO CON PLACEBO, PARA EVALUAR LA SEGURIDAD, TOLERABILIDAD Y EFICACIA DE AZD8233 EN PACIENTES CON HIPERLIPIDEMIA (SOLANO). PI: PORTOLÉS PÉREZ, ANTONIO.

ECL.21/624. ESTUDIO DE BIOEQUIVALENCIA DE DOS FORMULACIONES DE RIVAROXABAN (COMPRIMIDOS RECUBIERTOS CON PELÍCULA) A DOSIS ÚNICA DE 10 MG, POR VÍA ORAL, EN VOLUNTARIOS SANOS EN CONDICIONES DE AYUNO. PI: PORTOLÉS PÉREZ, ANTONIO.

TECHNOLOGY TRANSFER

Procedimiento y dispositivo para la detección visual del grado de aptitud en una mues-tra aislada de sangre para su validación en análisis clínico. Inventors: Leticia Simón, Emilio Vargas (Universidad Complutense de Madrid). N° de patente: P201900050.

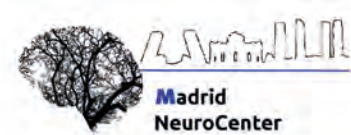
COMBINATION OF IBUPROFEN AND TRAMADOL FOR RELIEVING PAIN: Inventor: Inventors: PORTOLÉS PÉREZ, Antonio; HOSPITAL CLÍNICO SAN CARLOS, SERVICIO DE FARMACOLOGÍA CLÍNICA. SANTÉ SERNA, Luis Narciso; HOSPITAL CLÍNICO SAN CARLOS, SERVICIO DE ANESTESIA. SALAS BUTRÓN, María del Rosario; FARMALÍDER, S.A. VARGAS CASTRILLÓN, Emilio; HOSPITAL CLÍNICO SAN CARLOS, SERVICIO DE FARMACOLOGÍA CLÍNICA. CALANDRIA PÉREZ, Carlos; HORCAJADA CÓRDOBA, Raquel; MUÑOZ RUIZ, Ángel José; UNIVERSIDAD DE SEVILLA. VICARIO DE LA TORRE, Iñiua; Aragoneses II. SANZ MENÉNDEZ, Nuria. GÓMEZ CALVO, Antonia. SÁNCHEZ GARCÍA, Jose Angel. DUART GONZALEZ, Ester. GARCÍA ALONSO, Fernando; N° de patente: PCT/EP2020/069306.

INTRANET de la Plataforma de Unidades de Investigación Clínica y Ensayos Clínicos (SCReN). Inventors: VARGAS CASTRILLÓN; PORTOLES PÉREZ. Cód. ref/registro: 16/2021/7073 N° de solicitud: M-001987/2021.

Technology, design and Surgical Innovation

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
18	14	67%₍₁₂₎	78%₍₁₄₎
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
43%₍₆₎	21%₍₃₎	61,26	5,10



OVERVIEW

The Innovation and Surgery Research Group group are made up of researchers from Surgery Service 1 and members of the Innovation Unit. The mission of the group is the development of innovative projects relevant to clinical practice and health results and, either their implementation in our organization or transfer to society as products or services. We are especially interested in IT-based projects in process reengineering and medical imaging, as well as biomaterials, biomarkers, and nanotechnology. The Innovation team currently especially are working in Data Science and intelligence use of data. With these projects, our aim is to contribute to the necessary healthcare transformation and the creation of value for all relevant stakeholders in the healthcare system.

LEADING RESEARCHER

Julio Ángel Mayol Martínez

MEMBERS

- Abel Sánchez Jiménez
- Antonio Cano Montes
- Antonio Murciano Cespedosa
- Celia Herrera Rincón
- Elena Arredondo Lillo
- Fivos Panetsos Petrova
- German Seara Aguilar
- Giuseppe Fico
- Henar González Luengo
- Ignacio Martínez Capella
- Joan Chafer Vilaplana
- José Manuel Martínez Sesmero
- Laura Llorente Sanz
- M^a Jesús Peña Soria
- María Atocha Guedán Durán
- Milagros Merino Fernández
- Rocío Anula Fernández



SELECTED PUBLICATIONS

Zaborowski, Alexandra M. , Abdile, Ahmed , Adamina, Michel , Aigner, Felix , d'Allens, Laura , Allmer, Caterina , Alvarez, Andrea , ANULA FERNÁNDEZ, ROCÍO, Andric, Mihailo , Atallah, Sam , Bach, Simon , Bala, Miklosh , Barussaud, Marie , Bausys, Augustinas , Bebington, Brendan , Beggs, Andrew , Bellolio, Felipe , Bennett, Melissa-Rose , Berdinskikh, Anton , Bevan, Vicki , Biondo, Sebastiano , Bislenghi, Gabriele , Bludau, Marc , Boutall, Adam , Brouwer, Nelleke , Brown, Carl , Bruns, Christiane , Buchanan, Daniel D. , Buchwald, Pamela , Burger, Jacobus W. A. , Burllov, Nikita , Campanelli, Michela , Capdepon, Maylis , Carvello, Michele , Chew, Hwee-Hoon , Christoforidis, Dimitri , Clark, David , Climent, Marta , Cologne, Kyle G. , Contreras, Tomas , Croner, Roland , Daniels, Ian R. , Dapri, Giovanni , Davies, Justin , Delrio, Paolo , Denost, Quentin , Deutsch, Michael , Dias, Andre , D'Hoore, Andre , Drozdov, Evgeniy , Duek, Daniel , Dunlop, Malcolm , Dziki, Adam , Edmundson, Aleksandra , Efetov, Sergey , El-Hussuna, Alaa , Elliot, Brodie , Emile, Sameh , Espin, Eloy , Evans, Martyn , Faes, Seraina , Faiz, Omar , Fleming, Fergal , Foppa, Caterina , Fowler, George , Frasson, Matteo , Figueiredo, Nuno , Forgan, Tim , Frizelle, Frank , Gadaev, Shamil , Gellona, Jose , Glyn, Tamara , Gong, Jianping , Goran, Barisic , Greenwood, Emma , Guren, Marianne G. , Guillon, Stephanie , Gutlic, Ida , Hahnloser, Dieter , Hampel, Heather , Hanly, Ann , Hasegawa, Hirotoishi , Iversen, Lene Hjerrild , Hill, Andrew , Hill, James , Hoch, Jiri , Hoffmeister, Michael , Hompes, Roel , Hurtado, Luis , Iaquinandia, Fabiano , Imbrasaitis, Ugne , Islam, Rumana , Jafari, Mehrenah Dorna , Kanemitsu, Yukihide , Karachun, Aleksei , Karimuddin, Ahmer A. , Keller, Deborah S. , Kelly, Justin , Kennelly, Rory , Khrykov, Gleb , Kocian, Peter , Koh, Cherry , Kok, Neils , Knight, Katrina A. , Knol, Joep , Kontovounisios, Christos , Korner, Hartwig , Krivokapic, Zoran , Kronberger, Irmgard , Kroon, Hidde Maarten , Kryzauskas, Marius , Kural, Said , Kusters, Miranda , Lakkis, Zaher , Lankov, Timur , Larson, Dave , Lazar, Gyorgy , Lee, Kai-Yin , Lee, Suk Hwan , Lefevre, Jeremie H. , Lepisto, Anna , Lieu, Christopher , Loi, Lynette , Lynch, Craig , Maillou-Martinaud, Helene , Maroli, Annalisa , Martin, Sean , Martling, Anna , Matzel, Klaus E. , MAYOL MARTÍNEZ, JULIO ÁNGEL, McDermott, Frank , Meurette, Guillaume , Millan, Monica , Mitteregger, Martin , Moiseenko, Andrei , Monson, John R. T. , Morarasu, Stefan , Moritani, Konosuke , Moslein, Gabriela , Munini, Martino , Nahas, Caio , Nahas, Sergio , Negoj, Ionut , Novikova, Anastasia , Ocares, Misael , Okabayashi, Koji , Olkina, Alexandra , Onate-Ocana, Luis , OTERO DE PABLOS, JAIME, Ozen, Cihan , Pace, Ugo , Sao Juliao, Guilherme Pagin , Panaiotti, Lidia , Paris, Yves , Papamichael, Demetris , Park, Jason , Patel, Swati , Patron Uriburu, Juan Carlos , Pera, Miguel , Perez, Rodrigo O. , Petrov, Alexei , Pfeffer, Frank , Phang, P. Terry , Poskus, Tomas , Pringle, Heather , Proud, David , Raguz, Ivana , Rama, Nuno , Rasheed, Shah Nawaz , Raval, Manoj J. , Rega, Daniela , Reissfelder, Christoph , Reyes Meneses, Juan Carlos , Ris, Frederic , Riss, Stefan , Rodriguez-Zentner, Homero , Roxburgh, Campbell S. , Saklani, Avnish , Salido, Andrea Jimenez , Sammour, Tarik , Saraste, Deborah , Schneider, Martin , Seishima, Ryo , Sekulic, Aleksandar , Seppala, Toni , Sheahan, Kieran , Shine, Rebecca , Shlomina, Alexandra , Sica, Guiseppe S. , Singnomklo, Tongplaew , Siragusa, Leandro , Smart, Neil , Solis, Alejandro , Spinelli, Antonino , Staiger, Roxane D. , Stamos, Michael J. , Steele, Scott , Sunderland, Michael , Tan, Ker-Kan , Tanis, Pieter J. , Tekkis, Paris , Teklay, Biniam , Tengku, Sabrina , Jimenez-Toscano, Marta , Tsarkov, Petr , Turina, Matthias , Ulrich, Alexis , Vailati, Bruna B. , van Harten, Meike , Verhoeve, Kees , Warriar, Satish , Wexner, Steve , de Wilt, Hans , Weinberg, Benjamin A. , Wells, Cameron , Wolthuis, Albert , Xynos, Evangelos , You, Nancy , Zakharenko, Alexander , Zeballos, Justino , Winter, Des C. , REACCT Collaborative . Characteristics of Early-Onset vs Late-Onset Colorectal Cancer A Review. JAMA Surgery. 2021; 156(9): 865-874. DOI: 10.1001/jamasurg.2021.2380. FI: 13,625. (D1).

Au, S. , Bellato, V , Carvas, J. M. , Cordoba, C. D. , Daudu, D. , DZIAKOVA, JANA, Eltarhoni, K. , El Feituri, N. , Fung, A. C. H. ,

Fysaraki, C. , Gallo, G. , Gultekin, F. Ayca , Harbjerg, J. L. , Hatem, F. , Ioannidis, A. , Jakobsen, L. , Clinch, D. , Kristensen, H. O. , Kuiper, S. Z. , Kwok, A. M. F. , Kwok, W. , Millan, M. , Mito, K. M. , Ng, H. J. , Pellino, G. , Picciariello, A. , Pronin, S. , van Ramshorst, G. H. , Ramser, M. , Jimenez-Rodriguez, R. M. , Sainz Hernandez, J. C. , Samadov, E. , Sohrabi, S. , Uchiyama, M. , Wang, J. H-S , Younis, M. U. , Fleming, S. , Alhomoud, S. , MAYOL MARTÍNEZ, JULIO ÁNGEL, Moeslein, G. , Smart, N. J. , Soreide, K. , Teh, C. , Verran, D. , Maeda, Y. . Global parental leave in surgical careers: differences according to gender, geographical regions and surgical career stages. BRITISH JOURNAL OF SURGERY. 2021; 108(11): 1315-1322. DOI: 10.1093/bjs/znab275. FI: 6,939. (D1).

Bankhead-Kendall, Brittany Kay, Futaba, Kaori, Gabre-Kidan, Alodia, Loeffler, Markus W., Omar, Omar, Bhandu, Aneel A., Siaw-Acheampong, Kwabena, Bywater, Edward, Chaudhry, Daoud, Dawson, Brett E., Gujjuri, Rohan R., Heritage, Emily, Jones, Conor S., Khatir, Chetan, Khaw, Rachel A., Keatley, James M., Knight, Andrew, Lawday, Samuel, Li, Elizabeth, [..], Reyes Figueroa, L. A., Roldan Ramos, P., Rumia-Arboix, J., Tercero-Urbe, A., Topczewski, T. E., Torales, J., Torne, A., Torne, R., Turrado-Rodriguez, V., Valero, R., Valverde, S., ANULA FERNÁNDEZ, ROCÍO, CANO VALDERRAMA, ÓSCAR, Del Campo Martin, M., DÍEZ VALLADARES, LUIS IGNACIO, Dominguez, I, DZIAKOVA, JANA, Garcia Alonso, M., Garcia Romero, E., Gomez Latorre, L., MUGÜERZA HUSVET, JOSE MARÍA, Pizarro, M. J., Saez Carlin, P., Sanchez del Pueblo, C., SÁNCHEZ PERNAUTE, ANDRÉS, Sanz Ortega, G., Sanz-Lopez, R., TORRES GARCÍA, ANTONIO JOSÉ, Garcés-Albir, M., Lopez, F., Martin-Arevalo, J., Moro-Valdezate, D., Pla-Marti, V, Beltran de Heredia, J., De Andres Asenjo, B., Gomez Sanz, T., Jezieniecki, C., Nunez Del Barrio, H., de Solorzano Aurusa, Ortiz F. J., Romero de Diego, A., Ruiz Soriano, M., Trujillo Diaz, J., Vazquez Fernandez, A., Lora-Cumplido, P., Sosa, M., Gonzalez-Gonzalez, E., Minaya Bravo, A. M., Alonso de la Fuente, N., Cazador Labat, M., Cecchini, L., Espinosa, C. A., Jimenez Toscano, M., Lopez Campillo, A., Mancebo, G., Marto. Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic. BRITISH JOURNAL OF SURGERY. 2021; 108 (1): 88-96. DOI: 10.1093/bjs/znab051. FI: 6,939. (D1).

AWARDS

Winning work: Award: Premio al proyecto de investigación/innovación de las VIII Jornadas de Farmacotecnia y elaboración de medicamentos: "Estabilidad a corto plazo de insulina en colirio (Proyecto EsCorPIO)".

Researcher aware: Julio Mayol Martínez. Award: "Premios Admirables" otorgados por las publicaciones especializadas 'Diario médico' y 'Correo farmacéutico' en homenaje a la labor esencial desarrollada por los sanitarios en la pandemia de COVID-19 en la categoría de 'Medicina'.

NEW NON COMPETITIVE FUNDING

GIS21/00013. Contratos de gestión en investigación en salud en los IIS: MILAGROS MERINO. PI: MERINO FERNÁNDEZ, MILAGROS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

VISITING RESEARCHER

Visiting researcher: OLIVERASTASIO - ROTACIÓN DE RESIDENTES. Country of origin: Spain. Centre of origin: HCSC- ROTACIÓN FARMACOLOGÍA CLÍNICA. 15/01/2021-15/03/2021.

Visiting researcher: OLIVERASTASIO - ROTACIÓN DE RESIDENTES. Country of origin: Spain. Centre of origin: HCSC- ROTACIÓN FARMACOLOGÍA CLÍNICA. 01/12/2021 - 31/12/2021.

Medical Physics

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

8

N° OF PAPERS JCR INDEXED

8

% OPEN ACCESS (N°)

38% (3)

CITABLE ITEMS

88% (7)

Q1 (CITABLE ITEMS)

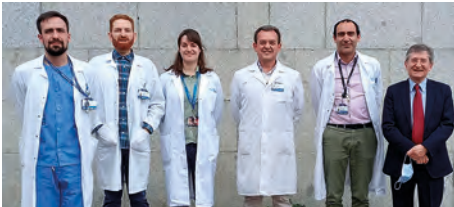
29% (2)

CUMULATIVE IF

20,22

AVERAGE IF

2,88



LEADING RESEARCHERS

Eliseo Vañó Carruana

José Miguel Fernández Soto

MEMBERS

David Flavio Martínez Barrio

Domingo Pablo Córdoba Gómez

Gabriel Rodríguez Martín

José Ignacio Ten Morón

Roberto Mariano Sánchez Casanueva

OVERVIEW

The main areas of research are Radiological Protection of patients, professionals and the general public, that may be affected by medical exposures to ionizing radiation, including Radiodiagnosis, Nuclear Medicine, Interventional Practices and Radiotherapy. This group collaborates with national and international organizations such as the Spanish Society for Radiation Protection, the Spanish Society for Medical Physics, the International Atomic Energy Agency, the European Federation of Medical Physics Organizations, the World Health Organization and the International Commission on Radiological Protection.



SELECTED PUBLICATIONS

SÁNCHEZ CASANUEVA, ROBERTO MARIANO, Fernandez, Daniel, VAÑO CARRUANA, ELISEO, FERNÁNDEZ SOTO, JOSÉ MIGUEL. Managing occupational doses with smartphones in interventional radiology. MEDICAL PHYSICS. 2021; 48 (10): 5830:5836. DOI: 10.1002/mp.15148. FI: 4,071. (Q1).

VAÑO CARRUANA, ELISEO, SÁNCHEZ CASANUEVA, ROBERTO MARIANO, Fernandez Soto, J. M., Bartal, G. Challenges in Occupational Dosimetry for Interventional Radiologists. CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY. 2021; 44 (6): 866:870. DOI: 10.1007/s00270-020-02725-w. FI: 2,74. (Q3).

SÁNCHEZ CASANUEVA, ROBERTO MARIANO, VAÑO CARRUANA, ELISEO, SALINAS SANGUINO, PABLO, GONZALO LÓPEZ, MARIA NIEVES, ESCANED BARBOSA, JAVIER, FERNÁNDEZ SOTO, JOSÉ MIGUEL. High filtration in interventional practices reduces patient radiation doses but not always scatter radiation doses. BRITISH JOURNAL OF RADIOLOGY. 2021; 94 (1117). DOI: 10.1259/bjr.20200774. FI: 3,039. (Q2).

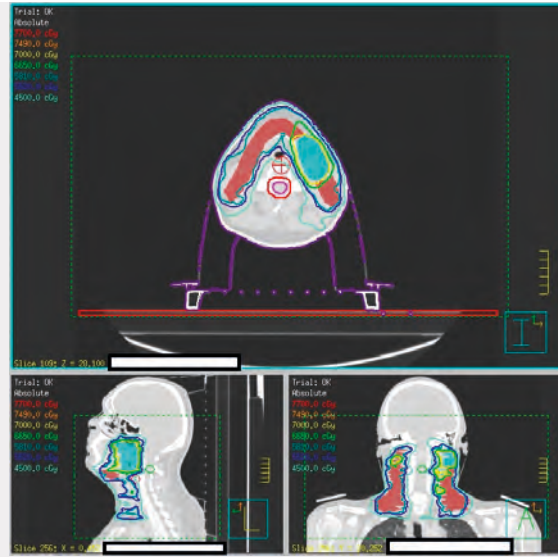
AWARDS

Researcher aware: ELISEO VAÑO CARRUANA. Award: Sievert de IRPA (International Radiation Protection Association).

Researcher aware: ELISEO VAÑO CARRUANA. Award: Nomenclamiento "Honorary Fellowship" por Instituto Británico de Radiología.

CLINICAL PRACTICE GUIDELINES

Loose, Reinhard W., VAÑO CARRUANA, ELISEO, Mildemberger, Peter, Tzapaki, Virginia, Caramella, Davide, Sjoberg, Johan, Paulo, Graciano, Torresin, Alberto, Schindera, Sebastian, Frija, Guy, Damilakis, John, European Soc Radiology ESR. Radiation dose management systems-requirements and recommendations for users from the ESR EuroSafe Imaging initiative. EUROPEAN RADIOLOGY. 2021. 31 (4): 2106:2114. DOI: 10.1007/s00330-020-07290-x.



Aging

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

7

N° OF PAPERS JCR INDEXED

7

% OPEN ACCESS (N°)

29% (2)

CITABLE ITEMS

71% (5)

Q1 (CITABLE ITEMS)

40% (2)

CUMULATIVE IF

13,80

AVERAGE IF

2,76

LEADING RESEARCHERS

Federico Miguel Cuesta Triana
Pedro Gil Gregorio

MEMBERS

Alberto Fernández Lucas
Ana Méndez Juárez
Carlos Verdejo Bravo
Carmen Terrón Morgado
Constanza Ciriza De Los Ríos
Jesús Mora Fernández
María Aurora Viloria Jiménez
Montserrat Lázaro Del Nogal
Patricia Alonso Fernández

OVERVIEW

The research group is basically made up of members of the Geriatric Service of the Hospital Clínico San Carlos. The progressive aging of the population, and more specifically in the area of influence of this hospital, is well known. The research activity is directed towards those entities, having a higher prevalence in this exchequer sector.

In the area of cognitive impairment and dementia, the group has participated in FIS projects, and is also conducting a number of phases II and III clinical trials and is part of EADC: European Alzheimer's Disease Consortium. Recently, we are conducting translational research with the Universidad Politécnica in Madrid. Among dementias, biomarkers as redox reaction elements are the major focus together with the Center for Molecular Biology of Madrid, as well as neuroimaging techniques with the Radiology Department of the Hospital. Sarcopenia has been defined as a new large geriatric syndrome, and the group is participating in incidence and prevalence studies, as well as in a phase II clinical trial. Functional impairment and pathological aging markers are other areas of special interest, especially the ones related to orthogeriatrics, i.e., patients with hip fractures, and the impact on quality of life, institutionalization and independence. All physiological phenomena related to aging.

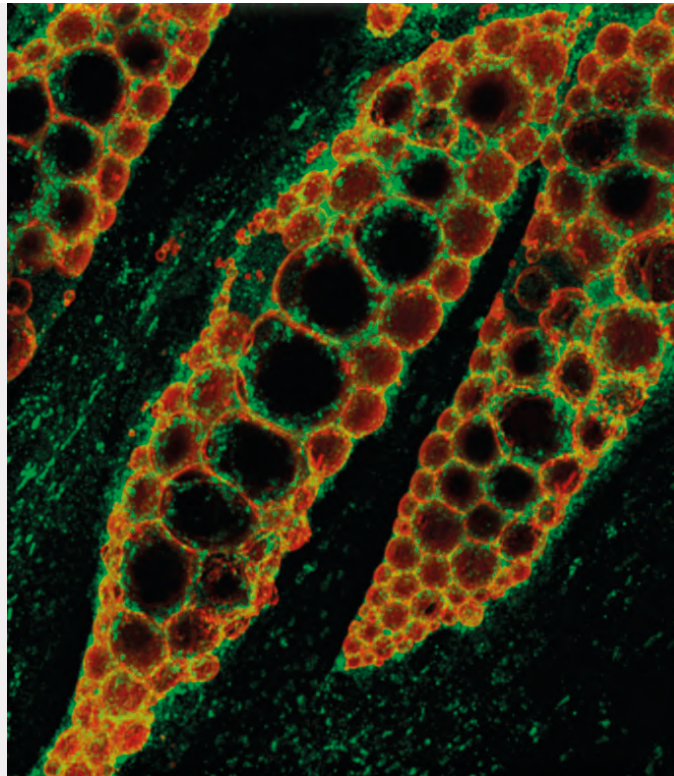


SELECTED PUBLICATIONS

Ramírez-Torano, Federico, García-Alba, Javier, BRUÑA FERNANDEZ, RICARDO, Esteba-Castillo, Susanna, Vaquero, Lucia, Pereda, Ernesto, MAESTU UNTURBE, FERNANDO, FERNÁNDEZ LUCAS, ALBERTO. Hypersynchronized Magnetoencephalography Brain Networks in Patients with Mild Cognitive Impairment and Alzheimer's Disease in Down Syndrome. *Brain connectivity*. 2021; 11 (9): 725:733. DOI: 10.1089/brain.2020.0897. FI: 2,262. (Q4).

Janez-García, Lucia, Bachtoula, Omar, Salobar-García, Elena, DE HOZ MONTAÑANA, ROSA, RAMÍREZ SEBASTIÁN, ANA ISABEL, GIL GREGORIO, PEDRO, RAMÍREZ SEBASTIÁN, JOSÉ MANUEL, Janez-Escalada, Luis. Roughness of retinal layers in Alzheimer's disease. *SCIENTIFIC REPORTS*. 2021; 11 (1). DOI: 10.1038/s41598-021-91097-3. FI: 4,379. (Q1).

MARTÍN SÁNCHEZ, FRANCISCO JAVIER, Parra Esquivel, Patricia, Llopis García, Guillermo, GONZÁLEZ DEL CASTILLO, JUAN MARÍA, Rodríguez Adrada, Esther, Espinosa, Begona, Lopez Díez, María Pilar, Romero Pareja, Rodolfo, Rizzi Bordigoni, Miguel Alberto, Jose Perez-Dura, María, Bibiano, Carlos, Ferrer, Caries, Aguilo, Sira, Martín Mojarro, Enrique, Aguirre, Alfons, Pinera, Pascual, LOPEZ PICADO, AMANDA, LLORENS SORIANO, PEDRO, Jacob, Javier, Gil, Víctor, Herrero, Pablo, FERNÁNDEZ PÉREZ, CRISTINA, GIL GREGORIO, PEDRO, CALVO MANUEL, ELPIDIO, Rossello, Xavier, Bueno, Hector, Burillo, Guillermo, Miro, Oscar, Registro OAK-Discharge Estudio DEE. Thirty-day outcomes in frail older patients discharged home from the emergency department with acute heart failure: effects of high-risk criteria identified by the DEED FRAIL-AHF trial. *Emergencias*. 2021; 33 (3): 165:173. FI: 3,881. (Q1).



Biomedical Imaging Research

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

25

N° OF PAPERS JCR INDEXED

22

% OPEN ACCESS (N°)

68% (17)

CITABLE ITEMS

64% (16)

Q1 (CITABLE ITEMS)

38% (6)

D1 (CITABLE ITEMS)

19% (3)

CUMULATIVE IF

55,54

AVERAGE IF

4,27



OVERVIEW

Our group is multidisciplinary, oriented to biomedical imaging techniques, including the evaluation of new technologies, analysis and processing methods of imaging, the clinical practical application, as well as the technological development.

Our location at the Hospital Clínico facilitates the connection of the clinical environment with basic specialties and teaching departments of the University.

The research in our group is addressed in two ways. The most clinical aspect towards the test itself, evaluating its effectiveness and safety, and towards their clinical applications, evaluating their diagnostic or therapeutic possibilities. The other technological aspect is aimed at evaluating technologies for its standardization, accreditation and optimization, with emphasis on radioprotection and image analysis, for the design and evaluation of detection, integration, simulation or communication systems.

The group also intends to generate potentially transferable results to companies, it also offers its services to other research groups that include testing of biomedical imaging in their research projects.

LEADING RESEARCHER

Juan Lorenzo Arrazola García

MEMBERS

Alfonso Calzado Cantera
 Ana Bustos Garcia de Castro
 Ana María Crespo Rodríguez
 Ángel Peña Peña Melián
 Beatriz Cabeza Martínez
 Beatriz Lannegrand Menéndez
 Eduardo Guibelalde del Castillo
 Eva Marañillo Alcaide
 Francisco José Valderrama Canales
 Íñigo de la Pedraja Gómez-Ceballos
 Joaquín Ferreiros Domínguez
 José Francisco Rodríguez Vázquez
 José Manuel Espejo Domínguez
 José Ramon Sañudo Tejero
 Lidia Gil Martínez
 M^a Teresa Vázquez Osorio
 Manuel Moreu Gamazo
 Manuela Jorquera Moya
 Margarita Chevalier del Río
 María del Carmen Polidura Arruga
 María Natividad Gómez Ruiz
 Nerea Encina Baranda
 Noelia Arévalo Galeano
 Ramiro Méndez Fernández
 Ricardo Rodríguez González
 Susana Martín Garre

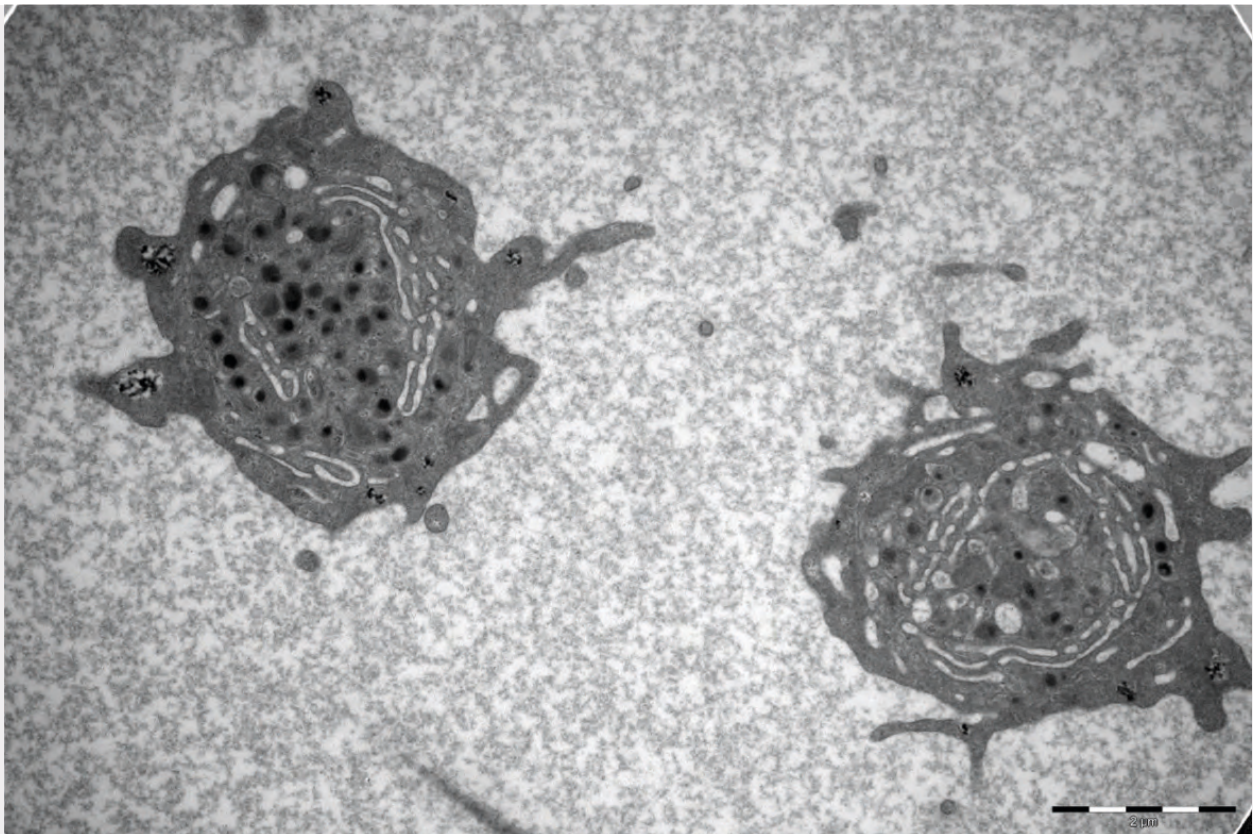


SELECTED PUBLICATIONS

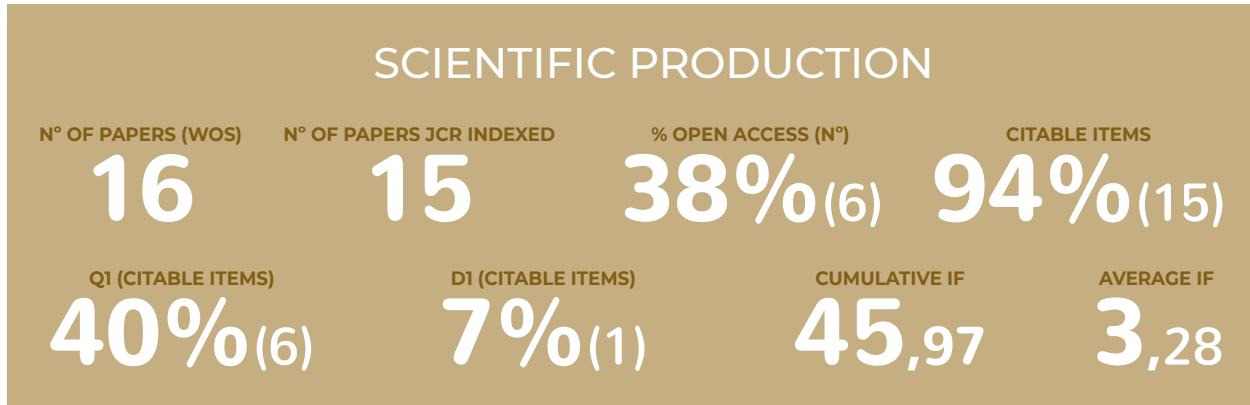
SANMAMED SALGADO, NOELIA, ALCÁNTARA CARRIO, MARÍA DEL PINO, Cerezo, Elena, Gaztanaga, Miren, Cabello, Noemi, Gomez, Sara, BUSTOS GARCIA DE CASTRO, ANA, Doval, Anxela, Corona, Juan, Rodriguez, Gabriel, Duffort, Mercedes, Ortuno, Francisco, de Castro, Javier, Fuentes, Manuel Enrique, Sanz, Alvaro, Lopez, Amanda, Vazquez, Manuel. Low-Dose Radiation Therapy in the Management of Coronavirus Disease 2019 (COVID-19) Pneumonia (LOWRAD-Cov19): Preliminary Report. INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS. 2021; 109 (4): 880:885. DOI: 10.1016/j.ijrobp.2020.11.049. FI: 7,038. (D1).

Crespo-Rodriguez, Ana María, Sanz Sanz, Jesus, FREITES NUÑEZ, DALIFER DAYANIRA, Rosales, Zulema, ABÁSULO ALCAZAR, LYDIA, ARRAZOLA GARCÍA, JUAN LORENZO. Role of diagnostic imaging in psoriatic arthritis: how, when, and why. Insights into Imaging. 2021; 12(1): -. DOI: 10.1186/s13244-021-01035-0. FI: 5,231. (Q1).

PEREZ GARCIA, CARLOS NICOLAS, Maegerlein, Christian, ROSATI, SANTIAGO, Ruether, Charlotte, GÓMEZ-ESCALONILLA ESCOBAR, CARLOS, Zimmer, Claus, ARRAZOLA GARCÍA, JUAN LORENZO, Berndt, María Teresa, MOREU GAMAZO, MANUEL. Impact of aspiration catheter size on first-pass effect in the combined use of contact aspiration and stent retriever technique. STROKE AND VASCULAR NEUROLOGY. 2021; 6 (4): 553:560. DOI: 10.1136/svn-2020-000833. FI: 4,081. (Q2).



Health Care Research



LEADING RESEARCHERS

Ismael Ortuño Soriano
Daniel Muñoz Jiménez

MEMBERS

Adoración González Román	María Alonso Casaus
Alba María García Cuesta	María Antonio Cubero Perez
Ana Belén Sánchez De La Ventana	María Dolores Gomez Barriga
Angélica Sánchez García	María Fuencisla Sanz Sanz
Araceli Faraldo Cabana	María José Díaz Arribas
Beatriz Rivas Eguia	María Josefa Rodriguez Machuca
Beatriz Solas Gómez	María Montealegre Sanz
Carlos Lorenzo García	María Sanz Guijo
Carolina Casanueva Pérez	Marina Isabel Sanjurjo Morote
Cristina Nieto Martinez	Miriam Robledo García (Jun/21)
Daniel Menés Medina	M ^a Rosario Caparrós Sanz
Emma Cabezas Moreno (Jun/21)	Nuria Navarro Sigüero
Encarnación Fernandez Del Palacio	Patricia Martín Casas (Jun/21)
Eva Villaseñor Muñoz	Patricia Nieto González
Gustavo Plaza Manzano (Jun/21)	Rafael Crespo Sevilla
Isabel Gaitero García	Raquel Valera Monsalve
José Ángel González Sánchez	Rosa María Moreno Rodríguez
Juan Manuel Berzosa Grande	Sandra López Martín
Lucía Orta Galindo	Sara Gil Useros
M ^a Juliana Gonzalez Martin	Tamara Raquel Velasco Sanz
M ^a Paloma Posada Moreno	Verónica Gimeno Hernán
Margarita Lancharro Bermúdez	



OVERVIEW

The "Research in Care" group is made up of researchers who work with a common objective: to provide scientific evidence of the effectiveness, utility and efficiency of nursing care and physiotherapy in the areas of interest of therapeutic education, improvement of techniques physiotherapy and the use and improvement of health products, making scientific contributions to directly improve the quality of such care. Specifically, it is made up of several nurses from the surgical and medical fields and physiotherapists, both from hospitalization, from Central Services and from the University.

SELECTED PUBLICATIONS

Simon-Lopez, Leticia Carmen, Luquero-Bueno, Sergio, Ovejero-Benito, Maria C., Cuesta-Lozano, Daniel, Goodman-Casanova, Jessica Marian, VARGAS CASTRILLÓN, EMILIO, Mazarro, Dolores Ochoa, De Miguel-Caceres, Alejandro, POSADA MORENO, Mª PALOMA, Zaragoza-Garcia, Ignacio, ORTUÑO SORIANO, ISMAEL. Benefits of the application of heat and pressure on peripheral venous cannulation in adults: A randomized controlled trial. JOURNAL OF ADVANCED NURSING. 2021; 77 (3): 1533:1545. DOI: 10.1111/jan.14655. FI: 3,187. (D1).

Zaragoza-Garcia, I, ORTUÑO SORIANO, ISMAEL, POSADA MORENO, Mª PALOMA, Sanchez-Gomez, R., Raurell-Torreda, M.. Virtual Simulation for Last-Year Nursing Graduate Students in Times of Covid-19: A Quasi-Experimental Study. CLINICAL SIMULATION IN NURSING. 2021; 60 : 32:41. DOI: 10.1016/j.ecns.2021.07.003. FI: 2,391. (Q1).

Sanchez-Gomez, Ruben, Romero-Morales, Carlos, Gomez-Carrion, Alvaro, Zaragoza-Garcia, Ignacio, Martinez-Sebastian, Carlos, ORTUÑO SORIANO, ISMAEL, Gomez-Lara, Arturo, De la Cruz-Torres, Blanca. Assessment of a New Lateral Cushioned Casting Orthosis: Effects on Peroneus Longus Muscle Electromyographic Activity During Running. Orthopaedic Journal of Sports Medicine. 2021; 9 (12). DOI: 10.1177/23259671211059152. FI: 2,727. (Q2).

TECHNOLOGY TRANSFER

Procedimiento y dispositivo para la detección visual del grado de aptitud de una muestra aislada de sangre para su validación en análisis clínicos: Inventor: Ismael ORTUÑO SORIANO, Emilio VARGAS CASTRILLÓN, Leticia Carmen SIMÓN LÓPEZ, María Dolores OCHOA MAZARRO, Sergio LUQUERO BUENO. Fecha Licencia: 30/09/2020.



Care Research. Biosafety, adherence and sanitary product

Epidemiology and Health Services

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
21	20	57%₍₁₂₎	86%₍₁₈₎
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
17%₍₃₎	11%₍₂₎	68,26	4,01



OVERVIEW

In 1992, the REUNI Project (Research Units Network of the National Health System) was created, in order to establish a strategy for organizing resources in the NHS. With the creation of the REUNI network, the Hospital Clínico credited his Unit of Methodological Research Support in 1994, with resources from the Preventive Medicine Service. Since then, the Preventive Medicine research group has worked on facilitating technical support in statistics, research methodology and epidemiology, both in experimental and observational research, to clinical investigators and hospital staff. The Preventive Medicine research group have allowed specialization in these areas and the development of own research lines, such as technology assessment, studies of population epidemiology, experimental research and mathematical modeling for epidemiological patterns.

In 2019 there is a merger of this group with the Sports and Occupational Health groups, integrating into a single line of Epidemiology and Health.

The Health and Safety Occupational Service of H. C. S. C. was formed in 1999. Since its inception the Service has been involved in the research lines of vaccination in adults, vaccination of particular relevance to health workers and other labor groups, and the development of new vaccines.

The Sport group is a multidisciplinary research group collaborates with COE (Spanish Olympic Committee), AEPSAD (Spanish Agency for Protection of Health in Sport), WADA (World Anti-Doping Agency), etc., in the pursuit of research throughout the sports field.

LEADING RESEARCHER

Manuel Enrique Fuentes Ferrer

MEMBERS

Agustín Turrero Nogués
 Ana Capapé Aguilar
 Beatriz Pelaez Ros
 Francisco Miguel Tobal
 Ignacio Bardón Fernández-Pacheco
 Irene Serrano García
 Isabel Rita Gómez Parra
 Julio César Legido Arce
 Karina Dávila Merizalde
 M^a Covadonga Caso Pita
 M^a Mercedes Lucas Barajas
 M^a Paz Monleón Herrero
 María Carmen Mestre González
 María Teresa Alonso Cobo
 Mercedes Galindo Canales
 Pilar Martín Escudero
 Sílvia O'Connor Pérez



SELECTED PUBLICATIONS

Lyons, Sarah A., Knulst, Andre C., Burney, Peter G. J., FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Ballmer-Weber, Barbara K., BARREALES TOLOSA, LAURA, Bieli, Christian, Clausen, Michael, Dubakiene, Ruta, FERNÁNDEZ PÉREZ, CRISTINA, Jedrzejczak-Czechowicz, Monika, Kowalski, Marek L., Kummeling, Ischa, Kralimarkova, Tanya, Mustakov, Tihomir B., van Os-Medendorp, Harmieke, Papadopoulos, Nikolaos G., Popov, Todor A., Potts, James, Versteeg, Serge A., Xepapadaki, Paraskevi, Welsing, Paco M. J., Mills, Clare, van Ree, Ronald, Le, Thuy-My. Predicting food allergy: The value of patient history reinforced. *Allergy*. 2021; 76 (5): 1454:1462. DOI: 10.1111/all.14583. FI: 13,146. (D1).

Ruiz-Ortiz, Martin, Anguita-Sanchez, Manuel, Bonilla-Palomas, Juan Luis, FERNÁNDEZ PÉREZ, CRISTINA, Bernal-Sobrino, Jose Luis, Cequier-Fillat, Angel, Bueno-Zamora, Hector, Marin, Francisco, Elola-Somoza, Francisco Javier. Incidence and outcomes of hospital treated acute myocarditis from 2003 to 2015 in Spain. *EUROPEAN JOURNAL OF CLINICAL INVESTIGATION*. 2021; 51 (4). DOI: 10.1111/eci.13444. FI: 4,686. (Q1).

Fragiel, Marcos, Miro, Oscar, LLORENS SORIANO, PEDRO, Jimenez, Sonia, Pinera, Pascual, Burillo, Guillermo, Martín, Alfonso, MARTÍN SÁNCHEZ, FRANCISCO JAVIER, GARCÍA LAMBERECHTS, ÉRIC JORGE, Jacob, Javier, Alquezar-Arbe, Aitor, Juarez, Ricardo, Jimenez, Blas, Del Rio, Rigoberto, Mateo Roca, Miriam, Garcia, Arturo H., Lopez Laguna, Nieves, Lopez Diez, Maria P., Pedraza Garcia, Jorge, de Simon Almela, Amparo Fernandez, Lopez Diaz, Juan J., Eiroa Hernandez, Patricia, Ruiz de Lobera, Noemi, PORTA ETESSAM, JESÚS, FERNÁNDEZ PÉREZ, CRISTINA, Calvo, Elpidio, GONZÁLEZ DEL CASTILLO, JUAN MARÍA, SIESTA Spanish Investigators Emerg. Incidence, clinical, risk factors and outcomes of Guillain-Barre in Covid-19. *ANNALS OF NEUROLOGY*. 2021; 89 (3): 598:603. DOI: 10.1002/ana.25987. FI: 10,422. (D1).

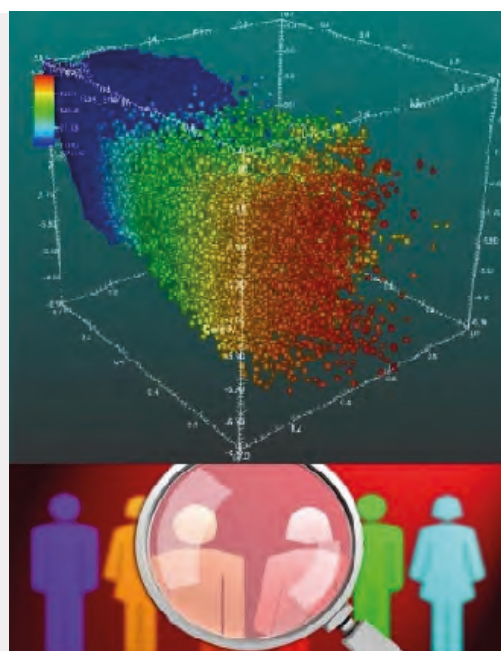
NEW COMPETITIVE FUNDING

PME.MADRIMASD.21. Desarrollo de un oxímetro de pulso portátil con salida bluetooth. PI: MARTÍN ESCUDERO, PILAR. Funding Organisation: FUNDACION MADRIMASD PARA EL CONOCIMIENTO.

CA21/00014. Contratos de personal técnico bioinformático de apoyo a la investigación en los IIS. PI: PAZ CABEZAS, MATEO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

MOBILITY OF RESEARCHER

Research mobility: Pilar Martín Escudero. Country: Japón. Center: Tokyo. Date of departure: 17/07/2021. Return date: 30/07/2021.



Contemporary Physiotherapy Research (InPhysio)

**REACTIVATED
GROUP**

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

3

N° OF PAPERS JCR INDEXED

3

% OPEN ACCESS (N°)

100%₍₃₎

CITABLE ITEMS

100%₍₃₎

Q1 (CITABLE ITEMS)

67%₍₂₎

CUMULATIVE IF

11,40

AVERAGE IF

3,80



OVERVIEW

The research group in Contemporary Physiotherapy (InPhysio) is composed of physiotherapists dedicated to generating new knowledge in various fields of physiotherapy, as well as to the clinical care of patients and the training of future clinicians and researchers, ranging from the integration of the neuroscience of pain and musculoskeletal dysfunction with the clinical aspects of musculoskeletal physiotherapy treatment, to the care of patients with neurological, cardiorespiratory and persistent COVID diseases.

LEADING RESEARCHERS

Gustavo Plaza Manzano
Miriam Robledo García

MEMBERS

Emma Cabezas Moreno
Ibai López De Uralde Villanueva
José María Pérez Redondo
María José Díaz Arribas
Pablo García Fernández
Patricia Martín Casas
Tamara del Corral Núñez-Flores



SELECTED PUBLICATIONS

Fernandez-de-las-Penas, Cesar, Navarro-Santana, Marcos, MAYORDOMO CASADO, BLANCA, CUADRADO PÉREZ, M^a LUZ, GARCIA AZORIN, DAVID, Arendt-Nielsen, Lars, PLAZA MANZANO, GUSTAVO. Headache as an acute and post-COVID-19 symptom in COVID-19 survivors: A meta-analysis of the current literature. EUROPEAN JOURNAL OF NEUROLOGY. 2021; 28 (11): 3820:3825. DOI: 10.1111/ene.15040. FI: 6,089. (Q1).

Fernandez-de-las-Penas, Cesar, Palacios-Cena, Domingo, MAYORDOMO CASADO, BLANCA, Florencio, Lidiane L., CUADRADO PÉREZ, M^a LUZ, PLAZA MANZANO, GUSTAVO, Navarro-Santana, Marcos. Prevalence of post-COVID-19 symptoms in hospitalized and non-hospitalized COVID-19 survivors: A systematic review and meta-analysis. EUROPEAN JOURNAL OF INTERNAL MEDICINE. 2021; 92 : 55:70. DOI: 10.1016/j.ejim.2021.06.009. FI: 4,487. (Q1).

Moreno-Bermejo, I, MARTIN CASAS, PATRICIA, Martin-Nieto, A., Bravo-Llatas, C., Atin-Arratibel, M. A.. Effectiveness of respiratory physiotherapy combined with postural education in children with chronic neurological diseases. ANALES DEL SISTEMA SANITARIO DE NAVARRA. 2021; 44 (3): 427:436. DOI: 10.23938/ASSN.0982. FI: 0,829. (Q4).

AWARDS

Researcher aware: PATRICIA MARTÍN CASAS. Winning work: Práctica digital en fisioterapia UCM durante el confinamiento por COVID-19. Award: Premio del Consejo Social de la UCM en la EDICIÓN EXTRAORDINARIA PREMIOS COVID-19 EN LA CATEGORÍA "COMPROMISO UNIVERSITARIO". 2021.

DOCTORATE THESES

Doctoral candidate: MARCOS JOSÉ NAVARRO SANTANA. Thesis title: EFECTIVIDAD DE LA PUNCIÓN SECA FRENTE A OTRAS TERAPIAS EN EL DOLOR DE CUELLO. Director(s): GUSTAVO PLAZA MANZANO, PATRICIA MARTÍN CASAS. University: UNIVERSIDAD COMPLUTENSE DE MADRID.

Doctoral candidate: DIEGO MIÑAMBRES MARTÍN. Thesis title: RELACIÓN ENTRE EL GLÚTEO MEDIO, TIBIAL POSTERIOR, LOS MÚSCULOS ABDOMINALES Y MULTÍFIDUS LUMBAR EN DOLOR LUMBAR Y LESIONES EN EL MIEMBRO INFERIOR EN DEPORTISTAS NO PROFESIONALES. Director(s): GUSTAVO PLAZA MANZANO, PATRICIA MARTÍN CASAS. University: UNIVERSIDAD COMPLUTENSE DE MADRID.

Doctoral candidate: María del Rosario Ferreira Sánchez. Thesis title: IMPLICACIONES CLINICAS Y FUNCIONALES DE LA CAPACIDAD DE CREACIÓN DE IMÁGENES MOTORAS EN PACIENTES CON ENFERMEDAD DE PARKINSON. Director(s): MARÍA ÁNGELES ATÍN ARRATIBEL, PATRICIA MARTÍN CASAS. University: UNIVERSIDAD COMPLUTENSE DE MADRID.

Doctoral candidate: Marcos Moreno Verdú. Thesis title: VALIDACIÓN DE LA VERSIÓN ESPAÑOLA DE LOS CUESTIONARIOS "MOVEMENT IMAGERY QUESTIONNAIRE-REVISED SECOND EDITION" (MIQ-RS) Y "KINESTHETIC AND VISUAL IMAGERY QUESTIONNAIRE" (KVIQ) EN PERSONAS CON ENFERMEDAD DE PARKINSON. Director(s): MARÍA ÁNGELES ATÍN ARRATIBEL, PATRICIA MARTÍN CASAS. University: UNIVERSIDAD COMPLUTENSE DE MADRID.

NEW COMPETITIVE FUNDING

GPM.CFM.21. EFECTOS DEL ENTRENAMIENTO DE LA MUSCULATURA RESPIRATORIA EN LA CALIDAD DE VIDA, FUNCIÓN FÍSICA, PULMONAR Y ESTADO PSICOLÓGICO EN PACIENTES QUE HAN SUPERADO LA COVID-19. PI: PLAZA MANZANO, GUSTAVO. Funding Organisation: COLEGIO PROFESIONAL DE FISIOTERAPEUTAS DE LA COMUNIDAD DE MADRID.

GPM.CFM.21. INNOVATION COOPERATIVELY TRANSMEDIATE (ACT). PI: MARA MORELLI (PARTICIPA PATRICIA MARTÍN). Funding Organisation: European Union.

GPM.CFM.21. VALIDACIÓN DE LA VERSIÓN ESPAÑOLA DE LA ESCALA TRUNK CONTROL MEASURE. PI: CECILIA ESTRADA (PARTICIPA PATRICIA MARTÍN). Funding Organisation: Universidad Europea de Madrid.

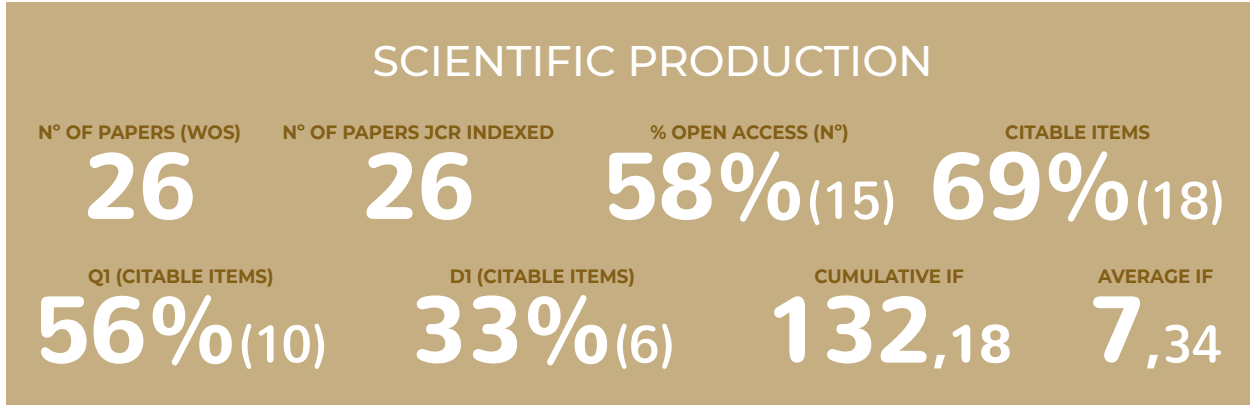
GPM.CFM.21. UTILIZACIÓN DE LA ESCALA DE SEVERIDAD DE LA BRONQUIOLITIS AGUDA EN LACTANTES CON INFECCIÓN RESPIRATORIA AGUDA SUSCEPTIBLES DE TRATAMIENTO CON FISIOTERAPIA RESPIRATORIA AMBULATORIA. PI: BEATRIZ SIMÓN (PARTICIPA PATRICIA MARTÍN). Funding Organisation: NEUMOMADRID.

TECHNOLOGY TRANSFER

TuCM. Software de méritos curriculares en publicaciones científicas en Ciencias de la Salud. N° Registro M-007498/2020. Date of granting: 01/06/2021. Date of licence: 01/06/2021. Inventors: IBAI LÓPEZ DE URALDE VILLANUEVA, GUSTAVO PLAZA MANZANO.



The Digestive System



LEADING RESEARCHER

Enrique Rey Díaz-Rubio

MEMBERS

Ángel Álvarez Sánchez
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 Blanca Serrano Falcon
 Carlos Taxonera Samsó
 Carmen Poves Frances
 Francisca Cuenca Alarcón
 Juan Luis Mendoza Hernández
 Julio Antonio Pérez de la Serna
 Bueno
 Luz del Castillo González
 M^a Concepción Sevilla Mantilla
 María José Devesa Medina
 Natalia López Palacios

OVERVIEW

The Digestive System research group is focused on the research of diseases of the digestive system in epidemiological and clinical aspects, as well as in pathogenetic and pathophysiological aspects. The group's research focuses on:

Knowing the impact of digestive functional disorders and GERD on our society and in the clinic, looking for factors associated with the suffering of these diseases and improving the diagnosis and therapeutic management in clinical practice.

Genetic factors related to the natural history and response to treatment in viral hepatitis and in the pathogenic, pathophysiological, clinical, diagnostic and therapeutic aspects of liver disease.

The study of inflammatory bowel diseases (in collaboration with the Clinical Immunology Services and Radiodiagnosis: identification of susceptibility polymorphisms, epidemiology, use of radiological tests, implementation of enteroRm as a technique in the diagnosis and therapeutic management in Crohn's Disease and treatment response studies)

Motor activity of the digestive system: physiological studies, new methods and diagnostic techniques, genetics of diseases presenting with gastrointestinal motor disorders, assessment of therapeutic alternative techniques.



SELECTED PUBLICATIONS

TAXONERA SAMSÓ, CARLOS, Pilar Martínez-Montiel, María, Barreiro-de-Acosta, Manuel, Vera, Isabel, Lorente, Rufo, Vega, Pablo, Teresa Diz-Lois, María, Fuentes Coronel, Ana María, Perez Calle, Jose Lazaro, Casis, Begona, Ferreiro-Iglesias, Rocio, Calvo, Marta, OLIVARES QUINTANAR, DAVID, ALBA LÓPEZ, CRISTINA. Preferences and satisfaction of IBD patients after switching from adalimumab 40 mg weekly to 80 mg every other week given as a single injection: the ADASCAL study. THERAPEUTIC ADVANCES IN GASTROENTEROLOGY. 2021; 14. DOI: 10.1177/17562848211056157. FI: 4,409. (Q2).

TAXONERA SAMSÓ, CARLOS, ALBA LÓPEZ, CRISTINA, OLIVARES QUINTANAR, DAVID, Martín, María, Ventero, Alejandro, CAÑAS GIL, MERCEDES. Innovation in IBD Care During the COVID-19 Pandemic: Results of a Cross-Sectional Survey on Patient-Reported Experience Measures. INFLAMMATORY BOWEL DISEASES. 2021; 27 (6): 864:869. DOI: 10.1093/ibd/izaa223. FI: 5,325. (Q2).

Ciriza de los Rios, Constanza, Serrano Falcon, Blanca, Arguelles-Arias, Federico, Perez, Esperanza, Teruel, Carlos, Geijo, Fernando, REY DÍAZ-RUBIO, ENRIQUE. Long-term safety and efficacy study of a medical device containing xyloglucan, pea protein reticulated with tannins and xylo-oligosaccharides, in patients with diarrhoea-predominant irritable bowel syndrome. THERAPEUTIC ADVANCES IN GASTROENTEROLOGY. 2021; 14 (). DOI: 10.1177/17562848211020570. FI: 4,409. (Q2).

CLINICAL PRACTICE GUIDELINES

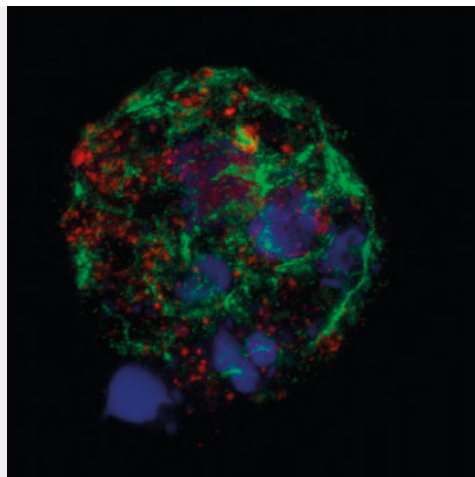
Kucharzik, T., Ellul, P., Greuter, T., Rahier, J. F., Verstockt, B., Abreu, C., Albuquerque, A., Allocca, M., Esteve, M., Farraye, F. A., Gordon, H., Karmiris, K., Kopylov, U., Kirchgessner, J., MacMahon, E., Magro, F., Maaser, C., de Ridder, L., TAXONERA SAMSÓ, CARLOS, Toruner, M., Tremblay, L., Scharl, M., Vige, N., Zabana, Y., Vavricka, S., European Crohns & Colitis Org ECCO. ECCO Guidelines on the Prevention, Diagnosis, and Management of Infections in Inflammatory Bowel Disease. JOURNAL OF CROHNS & COLITIS. 2021. 15 (6): 879:913. DOI:10.1093/ecco-jcc/jjab052.

Riestra, Sabino, TAXONERASAMSÓ, CARLOS, Zabana, Yamile, Carpio, Daniel, Beltran, Belen, Manosa, Miriam, Gutierrez, Ana, Barreiro-de Acosta, Manuel. Recommendations of the Spanish Working Group on Crohn's Disease and Ulcerative Colitis (GETECCU) on screening and treatment of tuberculosis infection in patients with inflammatory bowel disease. GASTROENTEROLOGIA Y HEPATOLOGIA. 2021. 44 (1): 51:66. DOI:10.1016/j.gastrohep.2020.04.006.

NEW NON COMPETITIVE FUNDING

ECL.21/495. TOFACITINIB IN ULCERATIVE COLITIS: REAL WORLD EVIDENCE (To-ReWard Study)

TOFACITINIB EN COLITIS ULCEROSA: ESTUDIO DE PRÁCTICA CLÍNICA (Estudio To-ReWard). PI: TAXONERA SAMSÓ, CARLOS.



Hematology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

37

N° OF PAPERS JCR INDEXED

35

% OPEN ACCESS (N°)

59% (22)

CITABLE ITEMS

81% (30)

Q1 (CITABLE ITEMS)

40% (12)

D1 (CITABLE ITEMS)

27% (8)

CUMULATIVE IF

165,45

AVERAGE IF

5,90

LEADING RESEARCHERS

Celina Benavente Cuesta
Fernando Ataúlfo González Fernández

MEMBERS

Alejandro Manuel Bobes
Alexandra C. Pedraza
Beatriz González Fernández
Carlos Ramos Acosta
Dennisse Sharon Toral Ibarra
Eduardo Anguita Mandly
Eloy del Potro Gómez
Erika Coria Ramírez
Estefanía Bolaños Calderón
María del Carmen Vicente Ayuso
María García Roa
María Paz Martín Hernández
Marta Mateo Morales
Marta Polo Zarzuela
Paloma Ropero Gradilla
Petros Papadopoulos
Purificación Pérez Martínez
Rafael Benigno Martínez Martínez
Roberto Trelles Martínez
Sara Rochas López
Selene Jiménez Vega
Silvia Santos Suárez
Sofía Álvarez Galeano
Xiomara Guerrero Carreño

OVERVIEW

Our group has more than two decades of research in the field of hematology, three line paths have been developed:

- o Treatment of hematologic malignancies.
- o Oncohematologic molecular and cellular study.
- o Erythropathology.

Basic studies of globin locus have also been conducted in the field of epigenetics, regulatory elements in cis with “knock-out” mice, and transcription factors.



SELECTED PUBLICATIONS

Regueiro, Cristina, Casares-Marfil, Desire, Lundberg, Karin, Knevel, Rachel, Acosta-Herrera, Marialbert, RODRÍGUEZ RODRÍGUEZ, LUIS, Lopez-Mejias, Raquel, Perez-Pampin, Eva, Triguero-Martinez, Ana, Nuno, Laura, Ferraz-Amaro, Ivan, Rodriguez-Carrio, Javier, Lopez-Pedreira, Rosario, Robustillo-Villarino, Montse, Castaneda, Santos, Remuzgo-Martinez, Sara, Alperi, Mercedes, Alegre-Sancho, Juan J., BALSACRIADO, ALEJANDRO, Gonzalez-Alvaro, Isidoro, Mera, Antonio, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, Gonzalez-Gay, Miguel A., Trouw, Leendert A., Gronwall, Caroline, Padyukov, Leonid, Martin, Javier, GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO. HLA-B*08 Identified as the Most Prominently Associated Major Histocompatibility Complex Locus for Anti-Carbamylated Protein Antibody-Positive/Anti-Cyclic Citrullinated Peptide-Negative Rheumatoid Arthritis. *ARTHRITIS & RHEUMATOLOGY*. 2021; 73(6): 963-969. DOI: 10.1002/art.41630. FI: 10,995. (D1).

ROPERO GRADILLA, PALOMA, MARTÍNEZ NIETO, JORGE, Gonzalez Fernandez, Fernando-Ataulfo, VILLEGAS MARTÍNEZ, ANA, BENAVENTE CUESTA, CELINA. Hb Maruchi [alpha 165 (E14) Ala>Pro; HBA1: c.196G>C]: A new thalassemia hemoglobinopathy related to the alpha1 globin gene. *CLINICAL BIOCHEMISTRY*. 2021; 92: 77-81. DOI: 10.1016/j.clinbiochem.2021.02.010. FI: 3,281. (Q2).

Recasens, Valle, Montanes, Angeles, Rodriguez-Vigil, Carmen, Gonzalez, Yolanda, Hernandez de Abajo, Guillermo, MARTÍNEZ NIETO, JORGE, MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA, Gonzalez-Fernandez, Fernando-Ataulfo, VILLEGAS MARTÍNEZ, ANA, BENAVENTE CUESTA, CELINA, ROPERO GRADILLA, PALOMA. Why is the novel Hb Miguel Servet visualised by CE-HPLC newborn and not by the CE-HPLC beta-thalassaemia programme?. *JOURNAL OF CLINICAL PATHOLOGY*. 2021; 74(3): 198-201. DOI: 10.1136/jclinpath-2020-206812. FI: 3,411. (Q2).

CLINICAL PRACTICE GUIDELINES

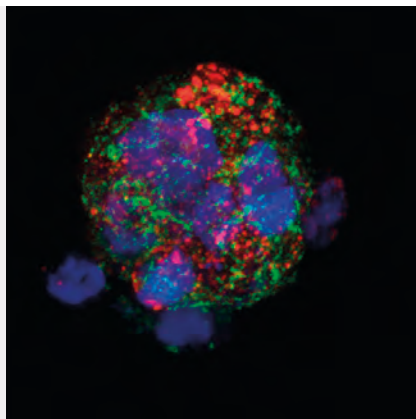
Silvestre Salvador, Juan Francisco, Maria Gimenez-Arnau, Ana, Gomez de la Fuente, Enrique, GONZÁLEZ DEL CASTILLO, JUAN MARÍA, Martinez Virto, Ana Maria, Miguens Blanco, Iria, Serra-Baldrich, Esther, LLORENS SORIANO, PEDRO. Managing urticaria in the emergency department: recommendations of a multidisciplinary expert panel. *Emergencias*. 2021. 33 (4): 299:308.

NEW COMPETITIVE FUNDING

PPP.TALENTO.21. Comunidad de Madrid Quinto Año "Atracción talento" Modalidad I. PI: PAPADOPOULOS, PETROS. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NEW NON COMPETITIVE FUNDING

ECL.21/239. Memoria para el estudio de esplenomegalia y pacientes esplenectomizados no filiados en población infantil y adulta. PI: BOLAÑOS CALDERON, ESTEFANIA.



Pathology of Emergency

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
81	79	67% (54)	73% (59)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
37% (22)	15% (9)	289,22	4,90



OVERVIEW

- Determining the epidemiology of the most prevalent diseases.
- Developing research on common diseases in emergencies.
- Growing up in the research dissemination.
- Training of doctors and nurses related to the field of emergency.
- Improving the management, safety and quality evaluation in the emergency department.
- Improving communication with patients.
- Enhancing collaboration with other medical and surgical services from HCSC, both in educational and research aspects
- Formalizing strategic alliances with other emergency services, both in and out of the hospital.

LEADING RESEARCHER

Francisco Javier Martín Sánchez

MEMBERS

Ana María Mañas Hernández
 Antonio Trino Salto Ariza
 Cesáreo Fernández Alonso
 David Chaparro Pardo
 Éric Jorge García Lamberechts
 Esther Rodríguez Adrada
 Francisco Javier Candell González
 Jaime Antonio Abelaira Freire
 Jose Antonio Bustamante Mandrión
 José Luis Fernández Rueda
 José María Leal Pozuelo
 Juan Jorge González Armengol
 Juan María González Del Castillo
 Laura Galvan Herraes
 María de los Ángeles Cuadrado Cenzual
 María Dolores Ortega de Heredia
 Miguel Ángel García Briñón
 Pedro Villarroel González-Elipe
 Víctor Hernández Martín-Romo



SELECTED PUBLICATIONS

MARTÍN SÁNCHEZ, FRANCISCO JAVIER, VALLS CARBO, ADRIAN, LLORENS SORIANO, PEDRO, Burillo-Putze, Guillermo, Martín, Alfonso, García-Lamberechts, Jorge E., Alquezar, Aitor, MARTINEZ VALERO, CARMEN, Miranda, Juan de D., LOPEZ PICADO, AMANDA, Arrebola, Juan Pedro, LOPEZ GARCIA, MARIA EUGENIA, Parviainen, Annika, GONZÁLEZ DEL CASTILLO, JUAN MARÍA, Miro, Oscar, Jimenez, Sonia, Ferreras Amez, Jose Maria, Rubio Diaz, Rafael, Gamazo del Rio, Julio Javier, Alonso, Hector, Herrero, Pablo, Ruiz de Lobera, Noemi, Ibero, Carlos, Mayan, Placido, Peinado, Rosario, Navarro Bustos, Carmen, Manzanares, Jesus Alvarez, Roman, Francisco, Pinera, Pascual, Burillo, Guillermo, Jacob, Javier, Bibiano, Carlos, Spanish Social-Environm COVID-19. Socio-Demographic Health Determinants Are Associated with Poor Prognosis in Spanish Patients Hospitalized with COVID-19. *Journal of General Internal Medicine*. 2021; 36(12): 3737-3742. DOI: 10.1007/s11606-020-06584-6. FI: 4,597. (D1).

CANDEL GONZÁLEZ, FRANCISCO JAVIER, Barreiro, Pablo, San Roman, Jesus, del Mar Carretero, Maria, Carlos Sanz, Juan, Perez-Abeledo, Marta, Ramos, Belen, Manuel Vinuela-Prieto, Jose, Canora, Jesus, Javier Martinez-Peromingo, Francisco, Barba, Raquel, Zapatero, Antonio, Investigators SeroSOS Study. The demography and characteristics of SARS-CoV-2 seropositive residents and staff of nursing homes for older adults in the Community of Madrid: the SeroSOS study. *AGE AND AGEING*. 2021; 50(4): 1038-1047. DOI: 10.1093/ageing/afab096. FI: 10,668. (D1).

Miro, Oscar, LLORENS SORIANO, PEDRO, Jimenez, Sonia, Pinera, Pascual, Burillo-Putze, Guillermo, Martín, Alfonso, MARTÍN SÁNCHEZ, FRANCISCO JAVIER, García-Lamberechts, Eric Jorge, Jacob, Javier, Alquezar-Arbe, Aitor, Modol, Josep Maria, Lopez-Diez, Maria Pilar, Guardiola, Josep Maria, Cardozo, Carlos, Imbernon, Francisco Javier Lucas, Tejedo, Alfons Aguirre, Garcia, Angel Garcia, Grinspan, Martín Ruiz, Roca, Ferran Llopis, GONZÁLEZ DEL CASTILLO, JUAN MARÍA. Frequency, Risk Factors, Clinical Characteristics, and Outcomes of Spontaneous Pneumothorax in Patients With Coronavirus Disease 2019 A Case-Control, Emergency Medicine-Based Multicenter Study. *Chest*. 2021; 159(3): 1241-1255. DOI: 10.1016/j.chest.2020.11.013. FI: 9,41. (D1).

NEW COMPETITIVE FUNDING

ECL.21/235. Estudio en fase II, multicéntrico, aleatorizado, de grupos paralelos para evaluar la seguridad, tolerabilidad y farmacocinética de una segunda generación de VIR-7831 en participantes no hospitalizados con enfermedad por coronavirus 2019 (COVID-19) de leve a moderada. PI: González Del Castillo, Juan María.

ECL.21/578. Identifying patients with suspicion of infection in the ed who have low disease severity using midregional proadrenomedullin (MR-PROADM) - PIVOTAL study. Identificación de pacientes con sospecha de infección en el servicio de urgencias que tienen una gravedad baja de la enfermedad utilizando proadrenomedulina midregional (MRPROADM) - ESTUDIO PIVOTAL. PI: González Del Castillo, Juan María.

The Interdisciplinary Study Group of Diabetic Foot

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
13	13	46% (6)	100% (13)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
54% (7)	8% (1)	50,61	3,89



LEADING RESEARCHER

José Luis Lázaro Martínez

MEMBERS

Carmen Blasco Fanlo
 Elpidio Calvo Manuel
 Esther Alicia García Morales
 Francisco Javier Álvaro Afonso
 Irene Sanz Corbalán
 José Luis García Klepzig
 Juan Vicente Beneit Montesinos
 María del Carmen García Carrión
 Raúl Juan Molines Barroso
 Yolanda García Álvarez

OVERVIEW

Diabetic foot is one of the most prevalent complications associated with Diabetes Mellitus, approximately 15-25% of diabetics suffer some form of ulceration throughout their life, and can lead to 80% of non-traumatic amputations in our hospital. In Europe, the cost of an amputation is about 24,000 € only in direct costs, and a foot ulcer, during a 12 month active process, represents an expenditure of approximately € 22,000 per patient.

On the other hand, the high rate of lesion recurrence (around 60% in our country), and the high mortality associated with these patients, makes the diabetic foot an important problem of the health community with an impact in health, society and economy. The goal is to attend these patients and reduce the existing ulceration and re-ulceration rates, associated with Diabetes Mellitus, and therefore the number of amputations related to diabetic foot. The Interdisciplinary Study Group of Diabetic Foot of the Universidad Complutense in Madrid, consists of interdisciplinary university professors that complement and increase the fruits of their research and innovation in the Diabetic Foot Unit, of the Podiatry University Clinic at UCM. Their main corporate objective is education, prevention and rehabilitation of patients with Diabetes Mellitus, designed to minimize the possible effects of this disease on the health of their feet. To this end, our group develops research lines around Diabetic Foot in the preventive, diagnostic, therapeutic and rehabilitation framework, contributing to the excellence and development of patients care.



SELECTED PUBLICATIONS

Matta-Gutierrez, Gianmarco, GARCÍA MORALES, ESTHER ALICIA, GARCÍA ÁLVAREZ, YOLANDA, ÁLVARO FERNÁNDEZ, RAQUEL, Molines-Barroso, Raul Juan, LÁZARO MARTÍNEZ, JOSÉ LUIS. The Influence of Multidrug-Resistant Bacteria on Clinical Outcomes of Diabetic Foot Ulcers: A Systematic Review. *Journal of Clinical Medicine*. 2021; 10(9): -. DOI: 10.3390/jcm10091948. FI: 4,241. (Q1).

TARDÁGUILA GARCÍA, AROA, SANZ CORBALAN, IRENE, Garcia-Alamino, Josep M., Ahluwalia, Raju, Uccioli, Luigi, LÁZARO MARTÍNEZ, JOSÉ LUIS. Medical Versus Surgical Treatment for the Management of Diabetic Foot Osteomyelitis: A Systematic Review. *Journal of Clinical Medicine*. 2021; 10(6): -. DOI: 10.3390/jcm10061237. FI: 4,241. (Q1).

TARDÁGUILA GARCÍA, AROA, GARCÍA ÁLVAREZ, YOLANDA, GARCÍA MORALES, ESTHER ALICIA, Lopez-Moral, Mateo, SANZ CORBALAN, IRENE, LÁZARO MARTÍNEZ, JOSÉ LUIS. Long-Term Complications after Surgical or Medical Treatment of Predominantly Forefoot Diabetic Foot Osteomyelitis: 1 Year Follow Up. *Journal of Clinical Medicine*. 2021; 10(9): -. DOI: 10.3390/jcm10091943. FI: 4,241. (Q1).

AWARDS

Researcher aware: Marta García -Madrid Martín de Almagro, José Luis Lázaro Martínez e Irene Sanz Corbalán. Winning work: Algoritmo de decisión para el tratamiento quirúrgico de lesiones de pie diabético. Award: Primer Premio de la 5ª convocatoria PhDay Complutense, promovida por la Escuela de Doctorado de la UCM (EDUCM).

Researcher aware: Mateo López Moral, Aroa Tardáguila García, Irene Sanz Corbalán, Yolanda García Álvarez, José Luis Lázaro Martínez. Winning work: "Safety and efficacy of several versus isolated prophylactic flexor tenotomies: A 1-year prospective study. Award: Segundo Premio Ponencia Oral. Congreso 2021 Diabetic Foot Study Group.

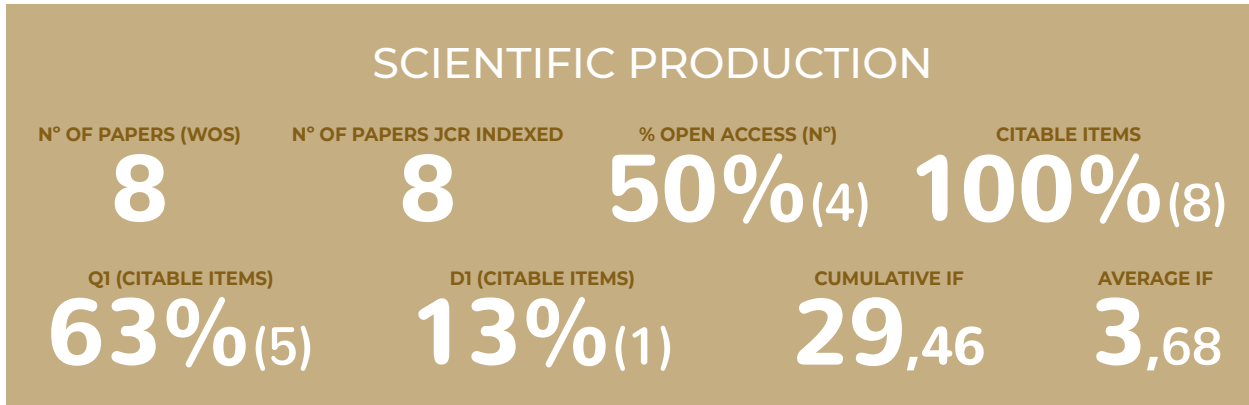
DOCTORATE THESES

Doctoral candidate: MATEO LÓPEZ MORAL. Thesis title: Eficacia clínica del calzado terapéutico con suela rígida en forma de balancín para la prevención de la reulceración en pacientes con diabetes mellitus y polineuropatía diabética: ensayo clínico aleatorizado. Director(s): JOSÉ LUIS LÁZARO MARTÍNEZ, RAÚL JUAN MOLINES BARROSO. University: UNIVERSIDAD COMPLUTENSE DE MADRID.



Impact of Diabetes on the foot

Socioeconomic Health Determinants



LEADING RESEARCHER

Enrique Regidor Poyatos

MEMBERS

Adrián Macho González
Alba Garcimartín Álvarez
Elvira López-Oliva Muñoz
Francisco José Sánchez Muniz
Jorge Arturo Santos López
Juana Benedí González
Miguel Vázquez Velasco
Paloma Celada Rodríguez
Sara Bastida Codina
Sofía Rodenas de la Rocha

OVERVIEW

The group's activities began at the end of last century's decade, and during the call for the creation of research groups at the Universidad Complutense de Madrid in 2006, it obtained the formal recognition by the Office of Research.

The overall objectives of the group are:

- 1) the study of the relationship of various factors of the social and economic environment with the emergence of health problems and prognosis of chronic diseases,
- 2) the study of the relationship of the birthplace with the emergence of health problems and prognosis of chronic diseases in the Spanish population,
- 3) the proposal and testing of hypotheses that explain these relationships and
- 4) the evaluation of health interventions aimed at reducing the burden of health problems in the whole population, and in different socioeconomic subgroups.

Factors related with health problems are under investigation with the socioeconomic status of individuals, the socioeconomic environment of the area of residence, and the immigrant versus local status. The evaluated interventions are those that seek to minimize the prevalence of risk behaviors to health.

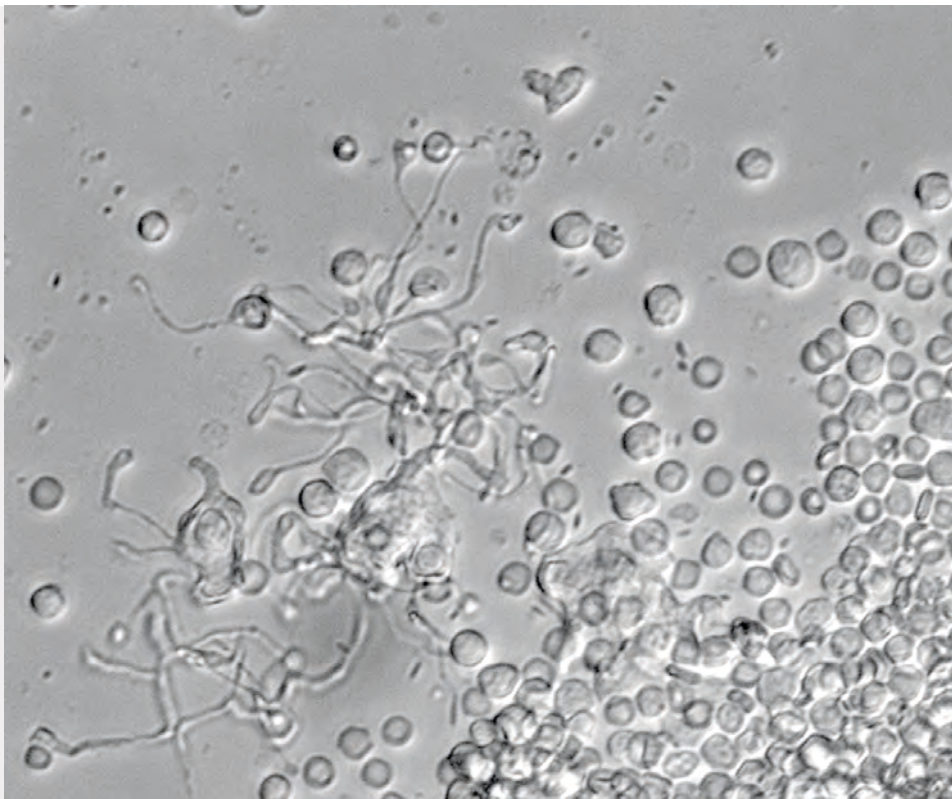


SELECTED PUBLICATIONS

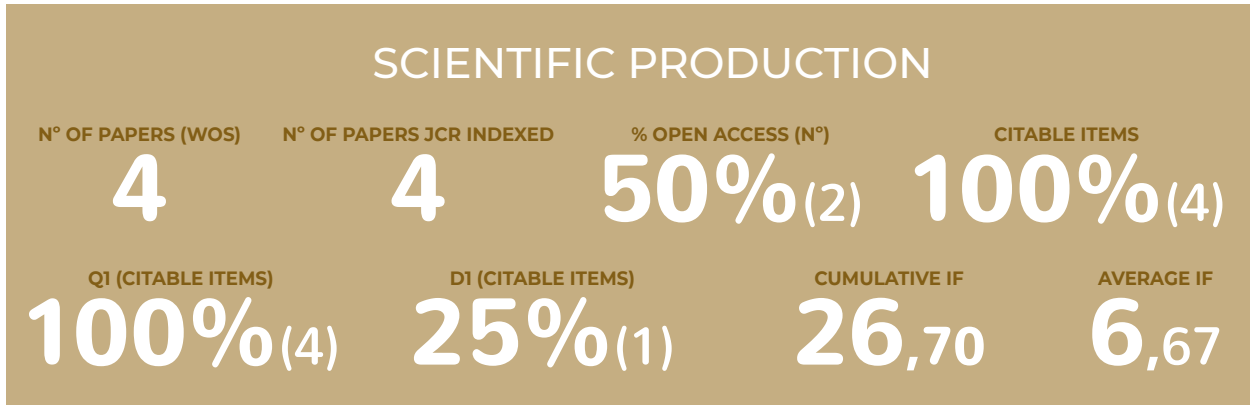
Donat, Marta, Barrio, Gregorio, Pulido, Jose, Perez, Cesar, Belza, Maria J., REGIDOR POYATOS, ENRIQUE. The limits of measuring binge drinking prevalence for epidemiological surveillance: An example from Spain. DRUG AND ALCOHOL DEPENDENCE. 2021; 228: -. DOI: 10.1016/j.drugalcdep.2021.109022. FI: 4,492. (Q1).

Pulido, J., Hoyos, J., Martinez-Ruiz, V., Sordo, L., Fernandez-Navarro, P., Barrio, G., REGIDOR POYATOS, ENRIQUE. Long-term impact of the 2008 economic crisis in Spain on road traffic collisions mortality by socioeconomic position. HEALTH & PLACE. 2021; 71: -. DOI: 10.1016/j.healthplace.2021.102666. FI: 4,078. (Q1).

GIRÁLDEZ GARCÍA, CAROLINA DEL VALLE, Cea-Soriano, Lucia, Albaladejo, Romana, Franch-Nadal, Josep, Mata-Cases, Manel, Diez-Espino, Javier, Artola, Sara, Serrano, Rosario, REGIDOR POYATOS, ENRIQUE, PREDAPS Study Grp. The heterogeneity of reversion to normoglycemia according to prediabetes type is not explained by lifestyle factors. SCIENTIFIC REPORTS. 2021; 11(1): -. DOI: 10.1038/s41598-021-87838-z. FI: 4,379. (Q1).



AFUSAN



OVERVIEW

The research group was created in 1992, responding to the UCM call for training and research groups in this scientific field. Members of the group teach various subjects in Bachelor Degrees and Degrees in Pharmacy, Human Nutrition and Dietetics, as well as in Science and Food Technology. The group is also involved in the postgraduate teaching of the PhD program in Nutrition, and in the Master program in Pharmaceutical Sciences, in subjects such as Nutrition, Cardiovascular Diseases and Functional Nutrition and nutrigenomics, and personalized nutrition.

LEADING RESEARCHER

Francisco José Sánchez Muniz

MEMBERS

Adrian Macho González
Alba Garcimartín Álvarez
Elvira López-Oliva Muñoz
Jorge Arturo Santos Lopez
Juana Benedí Gonzalez
Miguel Vázquez Velasco
Paloma Celada Rodriguez
Sara Bastida Codina
Sofía Rodenas de la Rocha



SELECTED PUBLICATIONS

MACHO GONZALEZ, ADRIAN, BASTIDA CODINA, SARA, GARCIMARTÍN ÁLVAREZ, ALBA, LÓPEZ-OLIVA MUÑOZ, ELVIRA, GONZÁLEZ DÍAZ, PABLO, BENEDÍ GONZALEZ, JUANA, Jose Gonzalez-Munoz, Maria, SÁNCHEZ MUNIZ, FRANCISCO JOSE. Functional Meat Products as Oxidative Stress Modulators: A Review. *ADVANCES IN NUTRITION*. 2021; 12(4): 1514-1539. DOI: 10.1093/advances/nmaa182. FI: 8,701. (D1).

Bocanegra, Aranzazu, MACHO GONZALEZ, ADRIAN, GARCIMARTÍN ÁLVAREZ, ALBA, BENEDÍ GONZALEZ, JUANA, SÁNCHEZ MUNIZ, FRANCISCO JOSE. Whole Alga, Algal Extracts, and Compounds as Ingredients of Functional Foods: Composition and Action Mechanism Relationships in the Prevention and Treatment of Type-2 Diabetes Mellitus. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*. 2021; 22(8): -. DOI: 10.3390/ijms22083816. FI: 5,923. (Q1).

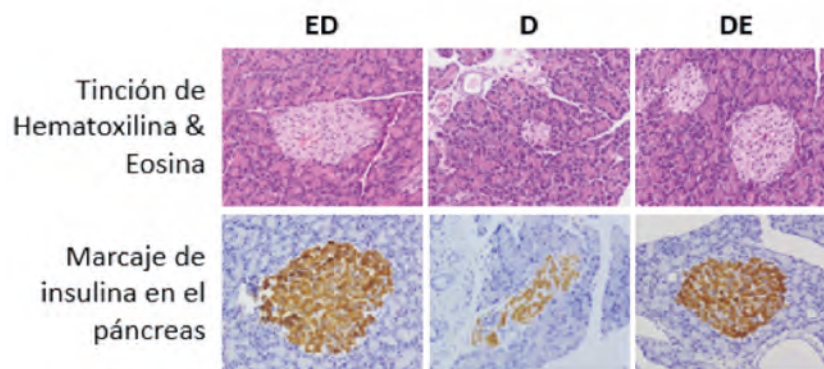
MACHO GONZALEZ, ADRIAN, GARCIMARTÍN ÁLVAREZ, ALBA, Redondo, Noemi, Cofrades, Susana, BASTIDA CODINA, SARA, Nova, Esther, BENEDÍ GONZALEZ, JUANA, SÁNCHEZ MUNIZ, FRANCISCO JOSE, MARCOS DOLADO, ALBERTO, LÓPEZ-OLIVA MUÑOZ, ELVIRA. Carob fruit extract-enriched meat, as preventive and curative treatments, improves gut microbiota and colonic barrier integrity in a late-stage T2DM model. *FOOD RESEARCH INTERNATIONAL*. 2021; 141: -. DOI: 10.1016/j.foodres.2021.110124. FI: 6,475. (D1).

DOCTORATE THESES

Doctoral candidate: Adrián Macho González. Thesis title: *Cárnicos funcionales enriquecidos en extracto de algarrova (Ceratornia siliqua, L.) en la prevención y tratamiento de la Diabetes Mellitus tipo 2.* Director(s): Francisco José Sánchez Muniz, Sara Bastida Codina, Garcimartín Álvarez. University: Universidad Complutense de Madrid.

TECHNOLOGY TRANSFER

Efectos comparativos del aceite de oliva virgen extra y del aceite de girasol utilizados en frituras, adicionados o no con taninos condensados, sobre el estatus antioxidante, la integridad de la barrera intestinal y la microbiota colónica de ratas Wistar . Artículo 83 (UCM). Contrato 171-2019. Consejo Oleícola Internacional. Documento 201905280852_cecda9e27a03776. Inventors: Francisco J. Sánchez Muniz, Alba Garcimartín Álvarez, Sara Bastida Codina, Juana Benedi González. María Elvira López Oliva. Date of granting: 2019. Date of licence: 2020.



Representative pictures of the histopathological study of the pancreas.

Ciencias Forenses: genética y toxicología forense

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

1

N° OF PAPERS JCR INDEXED

0

% OPEN ACCESS (N°)

100%⁽¹⁾

CITABLE ITEMS

100%⁽¹⁾



LEADING RESEARCHER

Eduardo Arroyo Pardo

MEMBERS

Ana María López Parra

César López Matayoshi

Claudia Lopes Gomes

Sara Palomo Díez

OVERVIEW

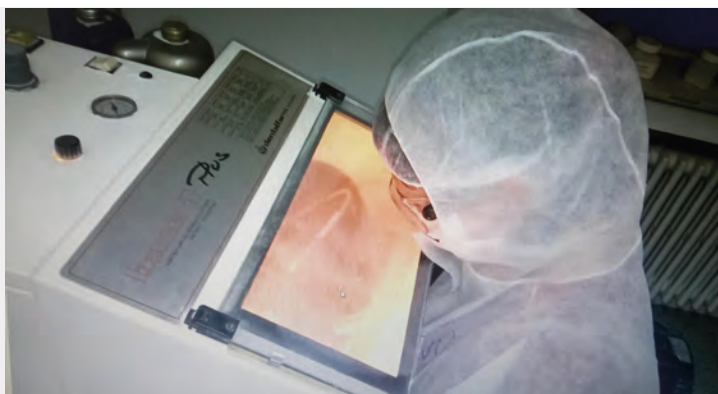
We use population genetics and molecular tools in the forensic field as follows: 1) genetic identification and kinship, 2) determination of biogeographical origin of human samples through Ancestral Informative Markers (AIMs) and External Visible Characteristics (EVC); and 3) Genetic Polymorphism (P450 cytochrome, etc) in drugs and medicines in present-day populations and toxicology of ethanol. Our group has extensive experience in the study of variability of autosomal markers (Short Tandem Repeats/STRs or Single Nucleotide Polymorphism/SNPs), sex-linked markers (X chromosome), haploid markers (mitochondrial DNA, Y chromosome polymorphisms) and also in the analysis of genetic data through specific software.

The group has also wide experience in the study of the above mentioned polymorphisms in Low DNA template, both in forensic and in archaeological casework.

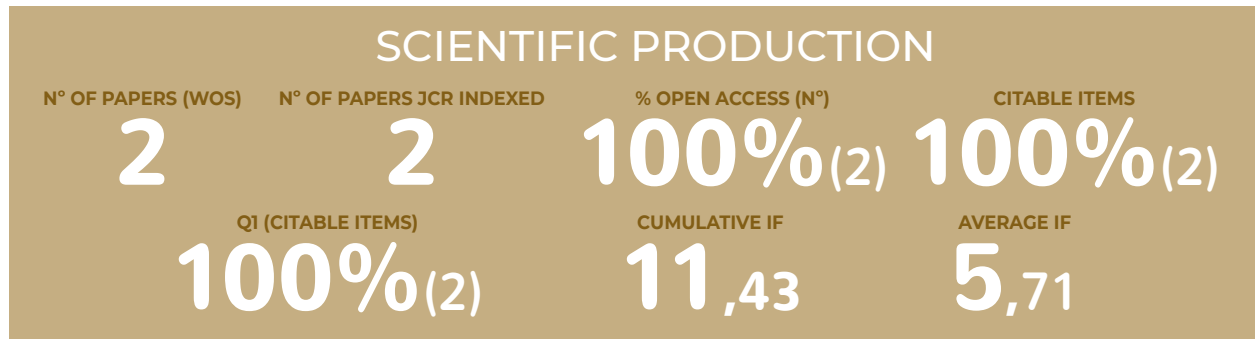


SELECTED PUBLICATIONS

LOPES GOMES, CLAUDIA, Palomo-Diez, Sara, Lopez-Parra, Ana Maria, ARROYO PARDO, EDUARDO. Genealogy: The Tree Where History Meets Genetics. Genealogy. 2021; 5 (4). DOI: 10.3390/genealogy5040098.



Chronobiological Molecular Mechanisms



OVERVIEW

Over the last three decades, our group has described the 24 hours oscillations of different genetic, metabolic, endocrine, immune and neural Wistar rat markers. Those daily patterns of multiple processes are coordinated and synchronized by an endogenous biological clock within the hypothalamus, which orchestrates the homeostasis mainly through the action of peripheral clock genes and chronobiologic hormones, like melatonin. The circadian rhythm of each parameter is defined by an acrophase and amplitude, specific of tissue and the season of sample collection. Different assumptions, such as nutritional alterations (obesity, anorexia, alcohol consumption), aging or inflammatory diseases, can disrupt those variations, affecting the organism homeostasis.

SELECTED PUBLICATIONS

PEREZ DE MIGUELSANZ, MARIA JULIANA, Jimenez-Ortega, Vanesa, CANO BARQUILLA, MARIA PILAR, Garaulet, Marta, ESQUIFINO PARRAS, ANA ISABEL, Varela-Moreiras, Gregorio, Fernandez-Mateos, Pilar. Early Appearance of Epicardial Adipose Tissue through Human Development. NUTRIENTS. 2021; 13(9). DOI: 10.3390/nu13092906. FI: 5,717. (Q1).

Maldonado, Estela, Martinez-Sanz, Elena, Partearroyo, Teresa, Varela-Moreiras, Gregorio, PEREZ DE MIGUELSANZ, MARIA JULIANA. Maternal Folic Acid Deficiency Is Associated to Developing Nasal and Palate Malformations in Mice. NUTRIENTS. 2021; 13(1): -. DOI: 10.3390/nu13010251. FI: 5,717. (Q1).

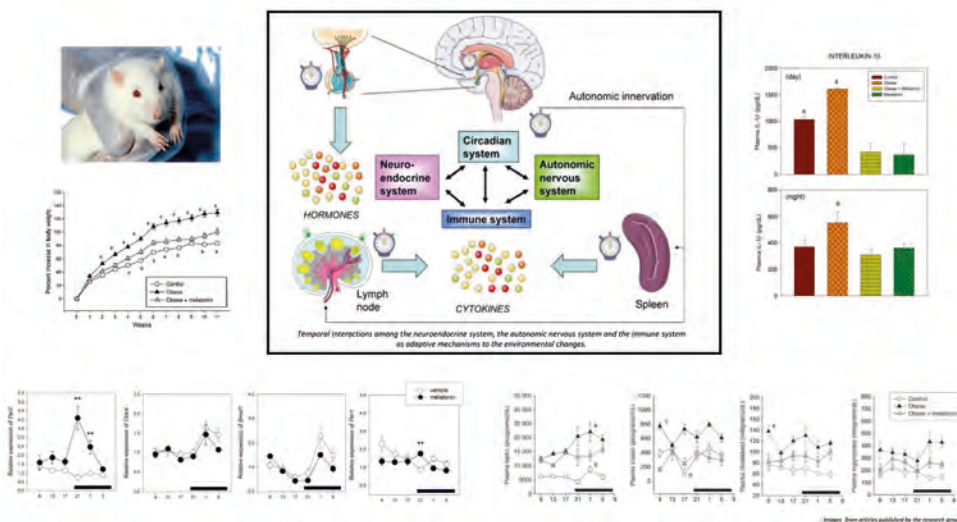
LEADING RESEARCHERS

María del Pilar Fernández Mateos
Vanesa Jiménez Ortega

MEMBERS

Ana Isabel Esquifino Parras
Leire Virto
María Juliana Pérez de Miguelsanz
María Pilar Cano Barquilla

MOLECULAR CHRONOBIOLOGICAL MECHANISMS



Nuclear Physics Techniques and Instrumentation in Biomedicine

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)	N° OF PAPERS JCR INDEXED	% OPEN ACCESS (N°)	CITABLE ITEMS
10	10	50% (5)	100% (10)
Q1 (CITABLE ITEMS)	D1 (CITABLE ITEMS)	CUMULATIVE IF	AVERAGE IF
60%	40% (4)	30,15	5,02



OVERVIEW

We are a team of experts in biomedical and biotechnological research with have experience in the development of research studies in the clinical and preclinical areas. With a marked translational component and the transfer of its results to the industry, the group maintains collaborations with different research centers and hospitals as well as with several companies in the biomedicine field. Our research topics are focuses into two main areas. In first place, issues related to molecular imaging are studied both at the technological level and at its clinical and preclinical applications. This work is mainly focused on positron emission tomography. Another topic of study is focused on radiotherapy techniques, with special emphasis on cutting-edge techniques such as intraoperative radiotherapy and hadron therapy. On the other hand, the group has in turn a teaching projection in university degrees and masters at national and international level. Likewise, there is a lot of experience in the organization of courses, congresses and conferences aimed at both the training of professionals and the dissemination of scientific activities.

LEADING RESEARCHER

José Manuel Udías Moínelo

MEMBERS

Andrea Espinosa Rodríguez
Daniel Sánchez Parcerisa
Joaquín López Herraiz
Luis Mario Fraile Prieto
Mailyn Pérez Liva
Pablo Galve Lamoiz
Paula Beatriz Ibáñez García
Samuel España Palomares



SELECTED PUBLICATIONS

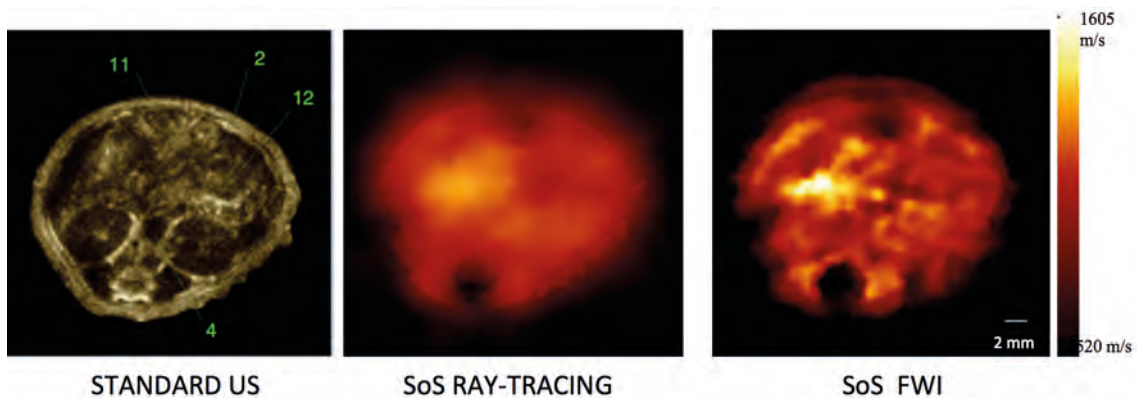
Rodriguez, A. Espinosa, Onecha, V. V., Sanchez-Tembleque, V., Gutierrez-Neira, C., Garcia-Diez, M., IBAÑEZ GARCIA, PAULA BEATRIZ, ESPAÑA PALOMARES, SAMUEL, SANCHEZ PARCERISA, DANIEL, UDIAS MOINELO, JOSE MANUEL, FRAILE PRIETO, LUIS MARIO. Can iodine be used as a contrast agent for protontherapy range verification? Measurement of the $I-127(p,n)Xe-127m$ (reaction) cross section in the 4.5-10 MeV energy range. *RADIATION PHYSICS AND CHEMISTRY*. 2021; 185. DOI: 10.1016/j.radphyschem.2021.109485. FI: 2,858. (D1).

ESPAÑA PALOMARES, SAMUEL, SANCHEZ PARCERISA, DANIEL, IBAÑEZ GARCIA, PAULA BEATRIZ, Sanchez-Tembleque, Victor, UDIAS MOINELO, JOSE MANUEL, Onecha, Víctor V., GUTIERREZ UZQUIZA, ALVARO, Baecker, Claus Maximilian, Baeumer, Christian, Herrmann, Ken, Costa, Pedro Fragoso, Timmermann, Beate, FRAILE PRIETO, LUIS MARIO. Direct proton range verification using oxygen-18 enriched water as a contrast agent. *RADIATION PHYSICS AND CHEMISTRY*. 2021; 182. DOI: 10.1016/j.radphyschem.2021.109385. FI: 2,858. (D1).

Freijo, Clara, LOPEZ HERRAIZ, JOAQUIN, SANCHEZ PARCERISA, DANIEL, UDIAS MOINELO, JOSE MANUEL. Dictionary-based protoacoustic dose map imaging for proton range verification. *Photoacoustics*. 2021; 21. DOI: 10.1016/j.pacs.2021.100240. FI: 8,484. (D1).

DOCTORATE THESES

Doctoral candidate: Alejandro López Montes. Thesis title: Improved Techniques for PET Imaging. Tcnicas Mejoradas para Imagen PET. Director(s): José Manuel Udías MoineLO, Joaquín López Herráiz. University: Universidad Complutense de Madrid.



Transverse optoacoustic image of a mouse. Left: reflectivity image. Center: conventional seepd of sound (SoS) image. Right: full-wave inversion SoS images obtained with a new algorithm developed by the Nuclear Physics Techniques and Instrumentation in Biomedicine group, and licenced to **iThera-Medical** *E. Merčep, J.L. Herraiz et al. Light: Science & Applications (2019)*



**CORE
FACILITIES**

UTS

Flow Cytometry Unit



Coordinator: Dulcenombre Gómez Garre
Members: Ortega Hernández, Adriana
 Modrego Martín, Javier (CIBER)

Contact: mgomezgarre@salud.madrid.org / 91 330 300 ext 7036
Location: Hospital Clínico San Carlos, 2ª planta, ala Norte.

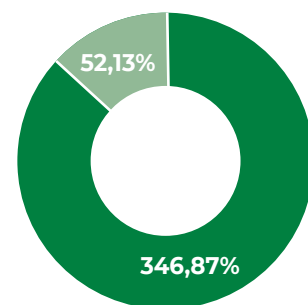
- SERVICES OFFERED:**
- ▶ Processing and acquisition of samples for analysis with the flow cytometer.
 - ▶ Analysis of cytometric data.
 - ▶ Technical assistance on sample study for analysis protocol design, antibody screening, processing and data acquisition
 - ▶ Training courses

ACTIVITY REGISTER

Sample acquisition: 10 clients

- ▶ Dr. Antonio Ortiz (Servicio Hemodinámica, HCSC-IdISSC)
- ▶ Dr. Roberto Lafuente (Servicio de Esclerosis Múltiple, IdISSC)
- ▶ Dra. Concepción Núñez (Servicio de Genética y Enfermedad Autoinmune, IdISSC)
- ▶ Dra. Elena Urcelay (Servicio de Genética y Enfermedad Autoinmune, IdISSC)
- ▶ Dr. José Martínez Orgado (Servicio de Neonatología, HCSC-IdISSC)
- ▶ Dra. Dulcenombre Gómez Garre (Lab. de Biología Vasculard, IdISSC)
- ▶ Dra. Vanesa Andrés Guerrero (Servicio de Oftalmología, HCSC-IdISSC)
- ▶ Dr. Alberto Ocaña (Servicio de Oncología, HCSC-IdISSC)
- ▶ Dra. Pilar Tornero (Sala Blanca, IdISSC)
- ▶ Dr. Eduardo Anguita (Servicio de Hematología, HCSC- IdISSC)

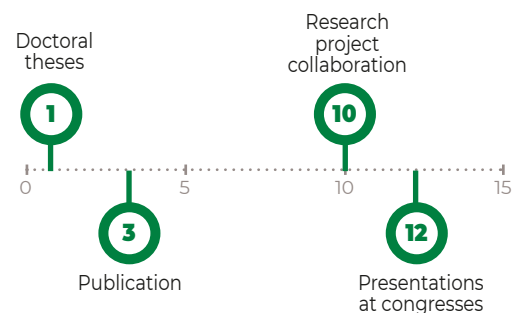
SAMPLE ACQUISITION (HOURS)



● Non-operator use ● Use with operator

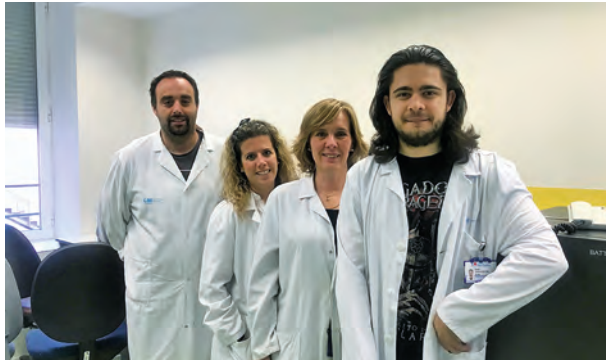
Data Analysis: 8 clients:

- ▶ Dr. Antonio Ortiz (Servicio Hemodinámica, HCSC-IdISSC)
- ▶ Dr. Roberto Lafuente (Servicio de Esclerosis Múltiple, IdISSC)
- ▶ Dra. Concepción Núñez (Servicio de Genética y Enfermedad Autoinmune, IdISSC)
- ▶ Dra. Elena Urcelay (Servicio de Genética y Enfermedad Autoinmune, IdISSC)
- ▶ Dr. José Martínez Orgado (Servicio de Neonatología, HCSC-IdISSC)
- ▶ Dra. Dulcenombre Gómez Garre (Lab. de Biología Vasculard, IdISSC)
- ▶ Dra. Vanesa Andrés Guerrero (Servicio de Oftalmología, HCSC-IdISSC)
- ▶ Dr. Eduardo Anguita (Servicio de Hematología, HCSC- IdISSC)





Genomics Unit: Microbiota Laboratory



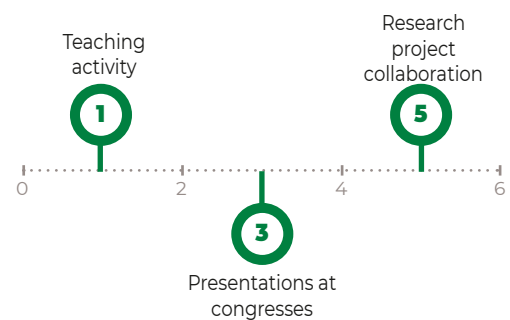
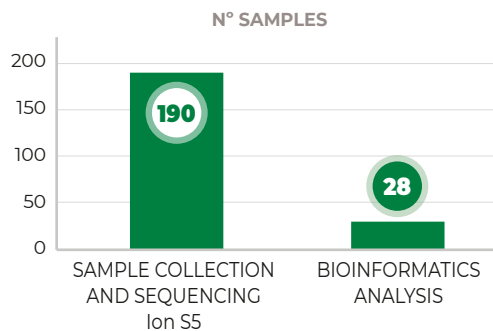
Nº Registro: 424

Coordinator: Dulcnombre Gómez Garre
Members: Ortega Hernández, Adriana
Modrego Martín, Javier (CIBER)
Gómez-Gordo Díaz, Rubén (Baja jul/21)

Contact: mgomezgarre@salud.madrid.org / 91 330 300 ext 7036
Location: Hospital Clínico San Carlos, 2ª planta, ala Norte.

- SERVICES OFFERED:**
- ▶ Bacterial DNA extraction
 - ▶ Sample preparation, library and sequencing generation of the 16S ribosomal gene through massive sequencing
 - ▶ Bioinformatic analysis of bacterial sequencing data
 - ▶ Bacterial product quantification in blood and urine
 - ▶ Inflammation marker quantification and immune activation
 - ▶ Permeability marker quantification of intestinal barrier permeability and bacterial translocation

ACTIVITY REGISTER



Genomics Unit: Genomics and Microarrays Laboratory



Nº Registro: 325

Coordinator: Beatriz Pérez-Villamil Salgado

Members: Mateo Paz Cabezas
Tania Calvo López

Contact: bperezvillamil.hcsc@salud.madrid.org/ 91330000 ext 7901

Location: Hospital Clínico San Carlos, Planta baja, ala Sur.

- SERVICES OFFERED:**
- ▶ RNA quality analysis through Bioanalyzer
 - ▶ Transcriptomic analysis (mRNA). GE (Gene Expression) Microarrays
 - ▶ CNV analysis (Copy-Number-Variation) / Array-CGH microarrays (Comparative Genomic Hybridization) and SNP-CGH
 - ▶ MicroRNA expression analysis. miRNA microarrays
 - ▶ DNA methylation analysis. “CpG-island” and methylation microarrays
 - ▶ Chromatin immunoprecipitation analysis. ChIP-on-chip microarrays
 - ▶ “Custom Microarrays” through e-array

ACTIVITY REGISTER

Clients	Activity	Description
Servicio Oncología Médica	Análisis de resultados de transcriptómica (NGS y microarrays)	Uso de la plataforma GeneSpring y el paquete lima/Deseq2 (R-Bioconductor) para el estudio de expresión diferencial.
Servicio Oncología Médica	Control de calidad de librerías para NGS y para otras metodologías mediante el Bioanalizador	Selección de muestras aptas para NGS y para otras metodologías
S. Oncología Médica, Unidad de Innovación, Unidad de enfermería.	Desarrollo de bases de datos para proyectos de investigación traslacional y asesoramiento en el manejo de datos con RedCap.	Asesoramiento en el diseño y posterior despliegue de bases de datos para proyectos de investigación multicéntricos.
Servicio Oncología Médica	Explotación de los sistemas de captura automática de datos para la integración del desarrollo de ensayos clínicos en el entorno RedCap-PowerBI.	Captura de datos de investigación clínica. Integración de sistemas de trabajo en RedCap y creación de paneles de mando mediante PowerBI
Servicio Oncología Médica	Análisis estadísticos y de supervivencia para comunicaciones en congreso y revistas indexadas.	Estadística descriptiva, T-tests, log-rank.
Unidad de Innovación	Desarrollo de proyectos de inteligencia artificial basados en la plataforma Azure para la predicción de factores de riesgo en pacientes oncológicos.	Extracción y procesado de datos



Genomics Unit: Laboratory of Molecular Oncology



Nº Registro: 325

Coordinator: Guillermo Velasco Díez

Contact: gvd@bbm1.ucm.es / 91 330 33 48

Members: Inmaculada Bando Polaino
Miguel de la Hoya Mantecón
Paula Diaque García
Vanesa García-Barberán
Pilar Garre Rubio

Location: Hospital Clínico San Carlos, Planta baja, ala Sur.

- SERVICES OFFERED:**
- ▶ Study of mutations and large genomic rearrangements in BRCA1, BRCA2, MLH1, MSH2 and MSH6
 - ▶ Study of mutations in P53, MYH, RAD51C, NUDT1, OGG1, XRCC1, PI3K, KRAS and NRAS, BRAF
 - ▶ Studies of microsatellites, sequencing, HRM, fragments, etc.
 - ▶ DNA, RNA, cDNA purification from blood, paraffin-embedded tissues and tumors, digital PCR, NGS
 - ▶ Circulating tumor cell detection

ACTIVITY REGISTER

Clients	Activity	Description
GRAN CANARIA (N=387)	Estudio de mutaciones germinales y grandes reordenamientos en BRCA1 y BRCA2.	BRCA1/2 (cáncer hereditario)
ASTRAZENECA (N=728)	Estudio de mutaciones BRCA1 y BRCA2 (centro de referencia ID.BRCA)	NGS BRCA1/2 tejido parafinado (cáncer de ovario)
MERK KRAS (N=604) NRAS, BRAF (N=207).	Estudio de mutaciones KRAS, NRAS, BRAF (centro de referencia PrecisaRas)	Cáncer colorrectal (CCR)
Amgen KRAS (N=86) NRAS, BRAF (N=58)	Estudio de mutaciones en KRAS (centro de referencia NK-RAS)	CCR
MERCK KRAS (N=) NRAS, BRAF (N=)	Estudio de mutaciones en KRAS, NRAS y BRAF en biopsia líquida (centro de referencia PrecisaRas)	CCR
Novartis N=76	Estudio de mutaciones BRAF en tejido	Melanoma, tiroides, endometrio, metástasis pulmón

Other Activity
Formación de residentes de las especialidades de Análisis Clínicos, Bioquímica Clínica y Oncología (residentes del HCSC y de otros hospitales) Rotación de 2-3 meses en total 7 residentes
Estudiantes de tesis doctorales
Master Bioquímica, Biología Molecular y Biomedicina, UCM
Master Biología Sanitaria, UCM
Master Análisis Sanitarios, UCM
Master Investigación Medicina Traslacional, UCM
Seminarios de Investigación en Oncología Traslacional

Experimental Surgery and Medicine Unit: (Animal facilities, Laboratories y Operating rooms)



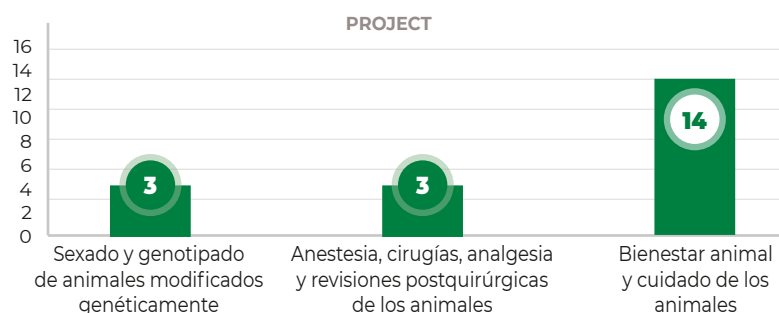
Responsible: Pablo Antonio González López
Coordinator: M^a Cruz Rodríguez-Bobada González del Campo
Members: Patricia Quesada Manzano
 Paloma Peón Ruiz
 Israel García Uceda

Contact: pabloantonio.gonzalez@salud.madrid.org /
mrbobadagonzalezcampo@salud.madrid.org
 91 330 34 34

Location: Hospital Clínico San Carlos, Sótano, ala Sur.

SERVICES OFFERED: ▶ Services offered:
 ▶ Surgical facilities
 ▶ Animal facilities
 ▶ Comprehensive support

ACTIVITY REGISTER



- ▶ Esterilización del material y vestimenta usados en UMECE y SALA BLANCA
- ▶ Control de las Salas de Congeladores de -80°C
- ▶ Prácticas de capacitación para manejar animales de experimentación
- ▶ Asesorías
- ▶ Evaluación de proyectos y procedimientos como miembros Comité Ético de Experimentación animal y Órgano Habilitado
- ▶ Adquisición de racks autoventilados de ratón.
- ▶ Adquisición de Jaulas de repuesto
- ▶ Actualización de nomas de la UMECE
- ▶ Control sanitario de todos los animales del animalario semestral
- ▶ Adquisición de un nuevo lavajaulas
- ▶ Participación en la Semana de la Ciencia
- ▶ Elaboración y aprobación de PNTs y actualización de las normas de utilización de los laboratorios, animalario y quirófanos
- ▶ Colaboración para adquisición de equipamiento veterinario para el SMART HEALTH CENTRE



Methodological Support Unit

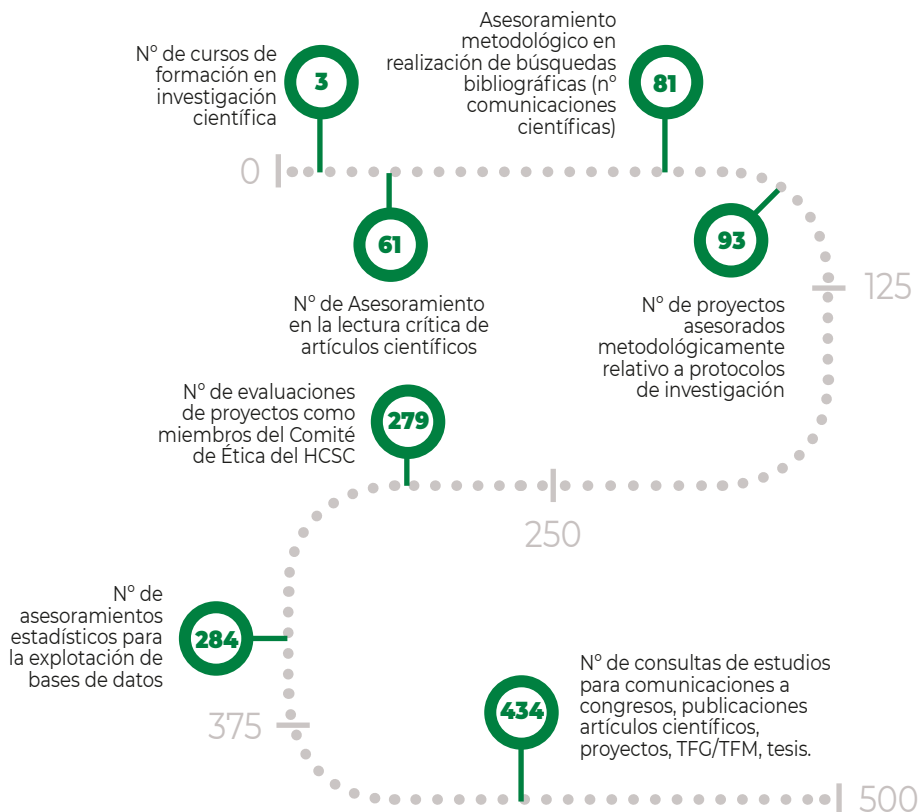


Coordinator: Manuel Fuentes Ferrer
Members: Irene Serrano García
Rafael Sánchez del Hoyo
Karina Davila Merizalbe

Contact: uami@idissc.org / 91 330 30 00 ext 7319
Location: Hospital Clínico San Carlos, 3ª planta, ala Norte-Sur.

- SERVICES OFFERED:**
- ▶ Methodological counseling on protocol preparation, bibliographic searches, scientific communications, critical reading of research articles and database design, management and implementation
 - ▶ Consulting and statistical use of databases
 - ▶ Training in scientific research

ACTIVITY REGISTER



Biobank



Hospital Clínico San Carlos
BIOBANCO



Quality Certification ISO 9001:2015
(October 2019)



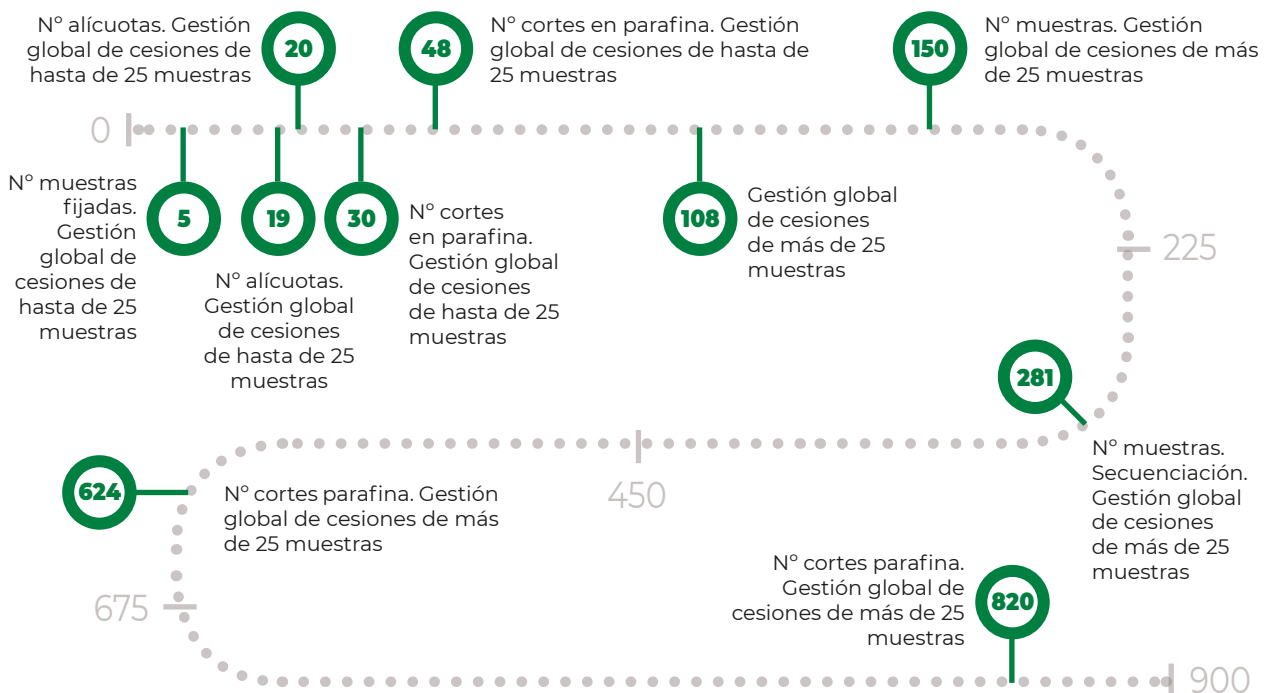
PLATAFORMA ISCIII
BIOBANCOS Y
BIOMODELOS

Coordinator: Luis Ortega Medina
Members: Elena Molina Roldán,
Alberto Arias Vázquez
Eneidi Marian Birriel Colán
Eva Luna García
Laura Reyzabal Cantalejo
Luis Gonzalez Valle
Noelia Paredes Díaz
Nuria Nogales Gonzalez
Sara Centeno Alonso

Contact: biobanco@idissc.org / 91 330 3032
Location: Hospital Clínico San Carlos, Sótano, ala Norte.

- SERVICES OFFERED:**
- ▶ 1. Recruitment of donors and samples and data associated to samples. Sample processing and sample storage. Two types of activities would be developed:
 - Targeted to a prospective project
 - Biobank basic collection
 - ▶ 2. Transfer of samples with research purposes
 - ▶ 3. Security, Certification process quality for ISO 9001:2015

ACTIVITY REGISTER





Innovation Support Unit



Coordinator: Julio Ángel Mayol Martínez

Members: María Luaces Méndez
Elena Arredondo Lillo
Germán Seara Aguilar (Apr/21)
Henar González Luengo (Oct/21)
Ignacio Martínez Capella
Joan Chafer Vilaplana
Laura Llorente Sanz
Macarena Torrego Ellacuria
Milagros Merino Fernández

Contact: innova.clinico@gmail.com / 91 330 30 00 Ext 3735

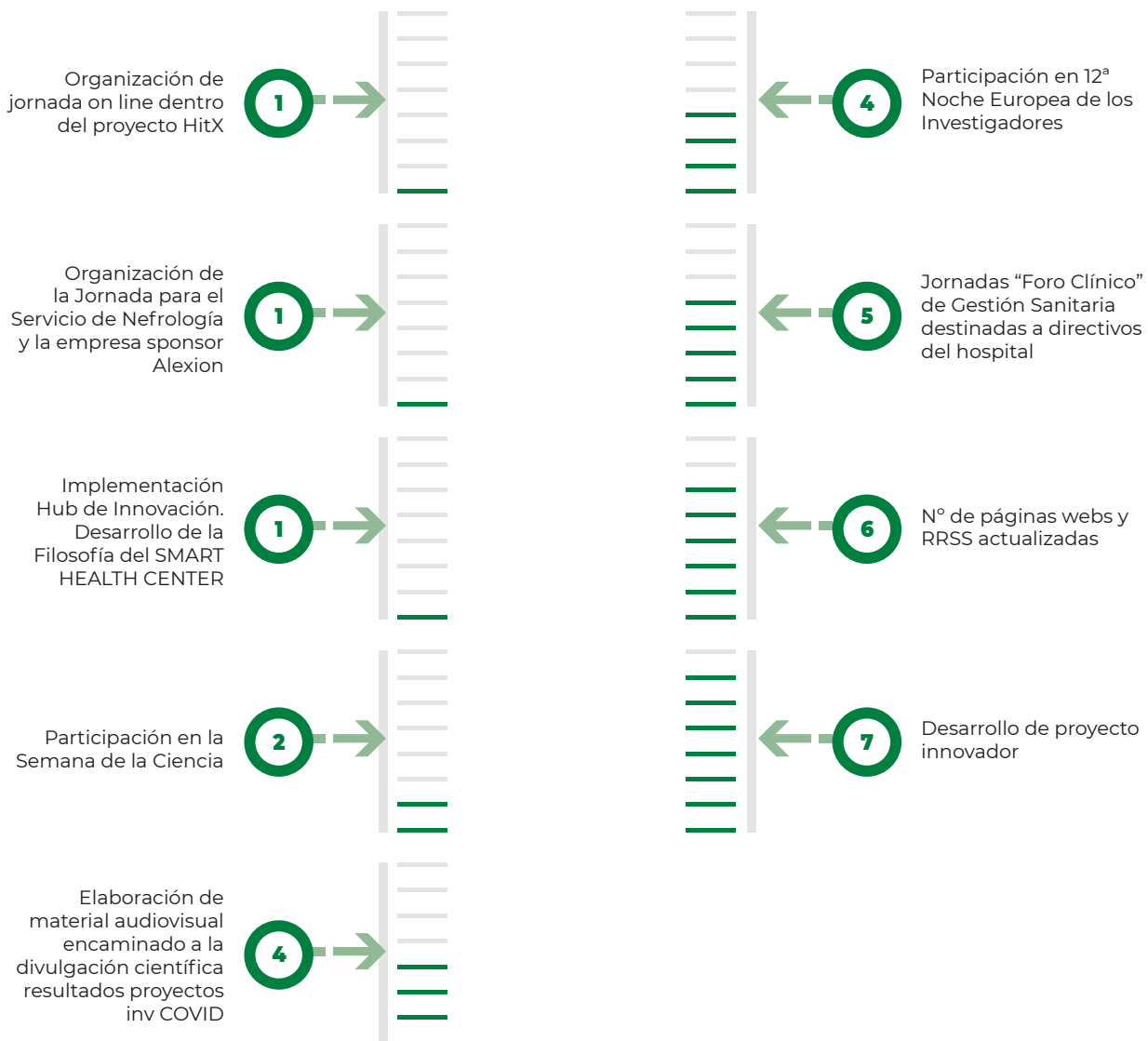
Location: Hospital Clínico San Carlos, 4ª planta, ala sur.

SERVICES OFFERED:

- ▶ 1. Smart Health Data (Advanced Data Analysis, BIG Data, AI and model development for decision-making support CDSS)
 1. Decision support system elaboration based on clinical practice guidelines
 2. Application design for clinical data
 3. Medical data utility exploitation through visualization techniques and Business Intelligence: interactive dashboards development
 4. Design and counseling in research/statistical methodologies
 5. Advanced statistical data analysis
 6. Data mining in health repositories aimed at predictive system elaboration
 7. Training in the advanced data analysis setting
- ▶ 2. Simulation (in process)
 1. Training implementation on surgical techniques (in process)
 2. Effectiveness analysis (performance)
- ▶ 3. New organizational models
 1. Home hospitalization model development (in process)
 2. Remote assistance model development (in process)
 3. Department rearrangement model development (in process)
 4. Process improvement counseling in clinical areas.
 5. Model validation and application through piloting
 6. Training

- ▶ 4. Technological innovation (Technological model application and usability: Augmented, virtual reality, 3D printing, app., and application and usability of integrated telemedicine)
 1. Prototype development and validation.
 2. App conceptualization through unmet needs in clinical areas
 3. App development support through unmet needs in clinical areas
 4. Model validation and application through piloting
- ▶ 5. Innovation HUB (including dissemination and training)
 1. Incubator of ideas
 2. Biomedical engineering support (practices, TFT, master class, etc.)
 3. Event organization de events to foster innovative culture: talks, discussion panels, creativity workshops, ideas competition, enterprise brokerages, etc.
- ▶ 6. Innovation consultancy (support, consulting, assistance and/or health innovation guidance)
 1. Innovative environment surveillance
 2. Innovation project development
 3. Innovation strategies

ACTIVITY REGISTER





Support Unit for Research Ethics Committees and Clinical Trial Coordination



Coordinator: Dr. M^a Mar García Arenillas
Members: Elena Sánchez García
 Berta Orellana Suárez
 Lourdes Cabrera García
 M^a Ángeles García Chaparro
 M^a Ángeles Torres Mora

Contact: ceic.hcsc@salud.madrid.org / 91 330 3819 / 3472
Location: Hospital Clínico San Carlos, 4^ª planta, ala norte.

- SERVICES OFFERED:**
- ▶ Administrative management of clinical trials, other studies, and relevant amendments
 - ▶ Documentation control and research project follow-up

ACTIVITY REGISTER



Apoyo a investigadores externos para la realización de protocolos de investigación

7

Apoyo a investigadores para la realización de protocolos de investigación

41

19

Registro, validación y gestión administrativa y evaluación por el ceim de proyectos de investigación realizados fuera del hcsc

Clinical Research and Clinical Trail Unit

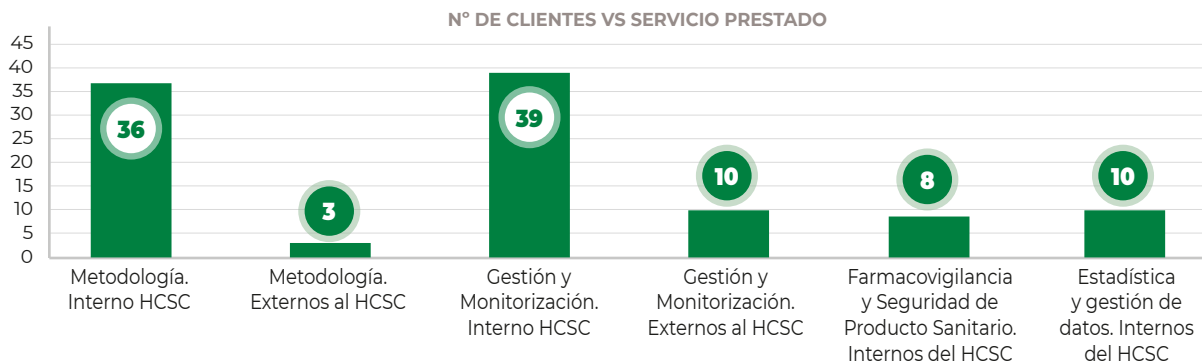


Coordinator: Dr. Antonio Portolés Pérez
Members: Ana Belén Rivas Paterna
 Alexandra Domingo Fernández
 Amanda López Picado (Jul/21)
 Ana García Franco (Dic/21)
 Jorge Mario Quiñonez Silvero
 José M^a Torvisco Najarro
 Sonia García Gómez
 Natalia Pérez Macías

Contact: fibucicec.hcsc@salud.madrid.org / 91 330 30 00 Ext 7360
Location: Hospital Clínico San Carlos, 4^a planta, ala norte.

- SERVICES OFFERED:**
- ▶ Regulatory
 - ▶ Design
 - ▶ Monitoring
 - ▶ Project management
 - ▶ Pharmacovigilance services

ACTIVITY REGISTER





Pharmacy Support Unit: Research Drug Management



SGS Certification (Certificate ES15/17446) as part of the management system of the Hospital Clínico San Carlos, an organisation certified as complying with the requirements of ISO 9001:2008

Ad Qualitatem Foundation Certification (Certificate No: 20151100): "Hospital Pharmacy Quality Standard".

Coordinator: José Manuel Martínez Sesmero

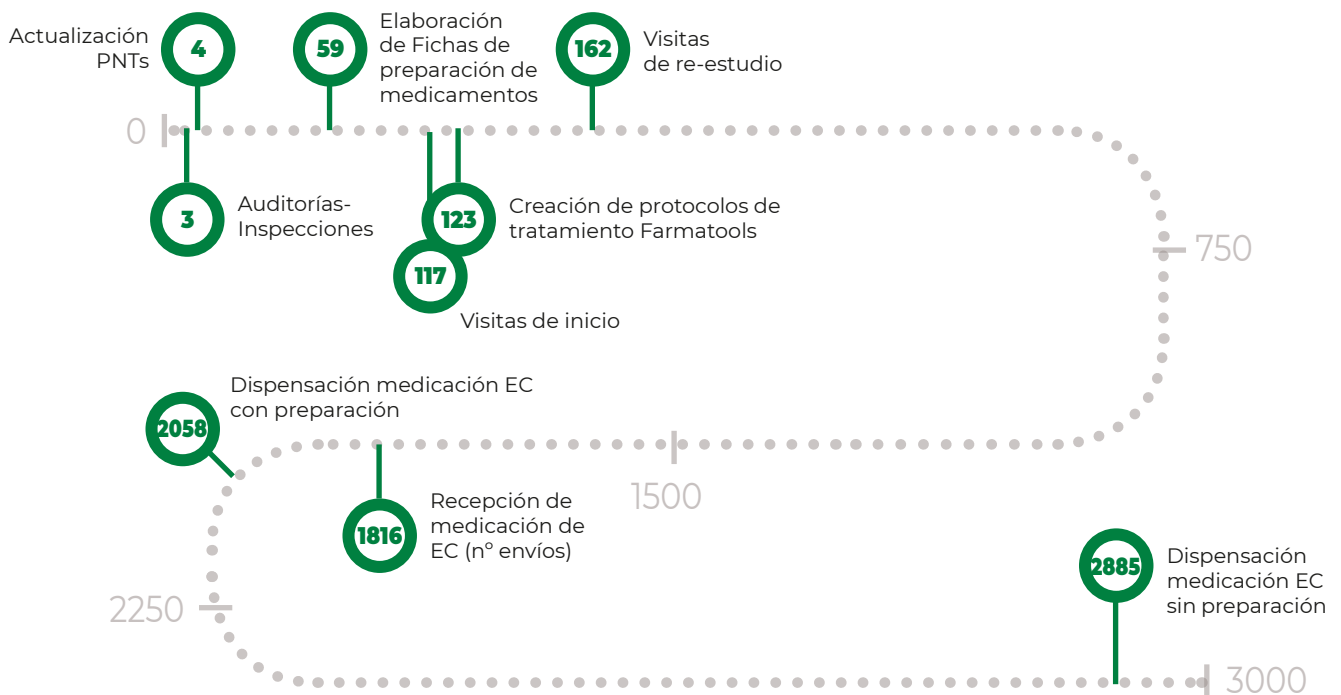
Contact: ensayosclnicosf.hcsc@salud.madrid.org / 91 330 32 98

Members: Adoración de la Santísima Trinidad Maqueda
Cristián Gabriel Luengo Molero
Cristina González Pérez
Gonzalo Hernando Llorente
José Julio Gómez Castillo
Marta Sáenz de Tejada López

Location: Hospital Clínico San Carlos, planta baja, ala norte.

- SERVICES OFFERED:**
- ▶ Medication reception in research
 - ▶ Custody and proper storage of drugs
 - ▶ Medication preparation
 - ▶ Medication dispense

ACTIVITY REGISTER



Cell therapy Unit, Clean room



Coordinator: Pilar Tornero Esteban
Members: Campos Fernández, Raúl

Contact: ptornero@salud.madrid.org / 91 330 30 00 ext 2797
Location: Hospital Clínico San Carlos, 6ª planta, ala norte.

- SERVICES OFFERED:**
- ▶ Mesenchymal stem cell production of GMP quality
 - ▶ Allogeneic biobank of mesenchymal stem cells for disease potential use
 - ▶ Research on mesenchymal stem cell vehicles and carriers in tissues

ACTIVITY REGISTER

Activity	Description
Proporcionar células madre mesenquimales para su uso en distintas enfermedades.	Proporcionar células madre para para la participación en un estudio que versa sobre el Uso Terapéutico de un medicamento basado en ASCs para el tratamiento de la alopecia androgenética.
Proporcionar células madre mesenquimales para su uso en distintas enfermedades.	Colaboración con el Dpto. UCG-Reumatología para la participación en un estudio que versa sobre el Evaluación de distintas aproximaciones terapéuticas para artrosis de rodilla mediante modelos in vitro 'tissue in a chip' e in vivo.
Introducción de nuevos productos celulares en desarrollo	Apoyo en el diseño de la Fabricación de linfocitos autólogos infiltrantes de tumores (TILs) en tumores sólidos avanzados para el estudio de la viabilidad, seguridad y eficacia preliminar de la infusión de TILs en colaboración con el grupo de Oncología.
Consultor normativa GMP y ensayos de seguridad requeridos para la autorización de productos de terapia avanzada	Actuación como consultor en materia de requisitos y normativa aplicable para la autorización de nuevos productos de terapia avanzada, tales como uso de seda de araña como biomaterial para el tratamiento del ictus o empleo de células madre para el tratamiento del infarto isquémico neonatal



Phase I and Clinical Pharmacology Studies Unit



Quality Certification ISO 9001:2015
(February 2018)

Coordinator: Antonio Portolés Pérez

Members:

Ana Ascaso del Río
Carla Pérez Ingidua
Daniel Lozano Martín
Esperanza González Rojano
Leonor Laredo Velasco
Natalia Rodríguez Galán
Sonia Domínguez Muñoz
Susana García Ramos

Contact: ufase1fc.hcsc@salud.madrid.org - 91 330 34 13

Location: Hospital Clínico San Carlos, 1ª planta, ala norte.

- SERVICES OFFERED:**
- ▶ Phase I clinical trial design and implementation and clinical pharmacology studies
 - ▶ Pharmacokinetic analysis
 - ▶ Healthy volunteer screening
 - ▶ Biological sample management
 - ▶ Pharmacoeconomic analysis
 - ▶ Preparation of protocols and final reports

ACTIVITY REGISTER

- ▶ 2 Desarrollo e informe de ensayo clínico Fase I (48 voluntarios sanos)
- ▶ 2 Ejecución. Ensayo clínico, Fase I (86 voluntarios sanos)
- ▶ 2 Ejecución. Ensayo clínico, Fase III (80) Voluntarios sanos)
- ▶ 1 Ejecución. Ensayo clínico ISCIII (CombiVacS), Fase IIb (120 población general)
- ▶ 1 Ejecución. Ensayo clínico CureVac AG Fase IIb/III (820 población general)
- ▶ Evaluación de costes suplementarios de estudios clínicos
- ▶ Asesoramiento en investigación clínica
- ▶ Acreditación BPC a la unidad de Fase I por la CAM
- ▶ Mantenimiento de la Certificación ISO 9001:2015
- ▶ Comunicación científica
- ▶ Apoyo en la realización de ensayos COVID

Unit of Response and function of cells



Coordinators: Elena Urcelay García
Eduardo Anguita Mandly

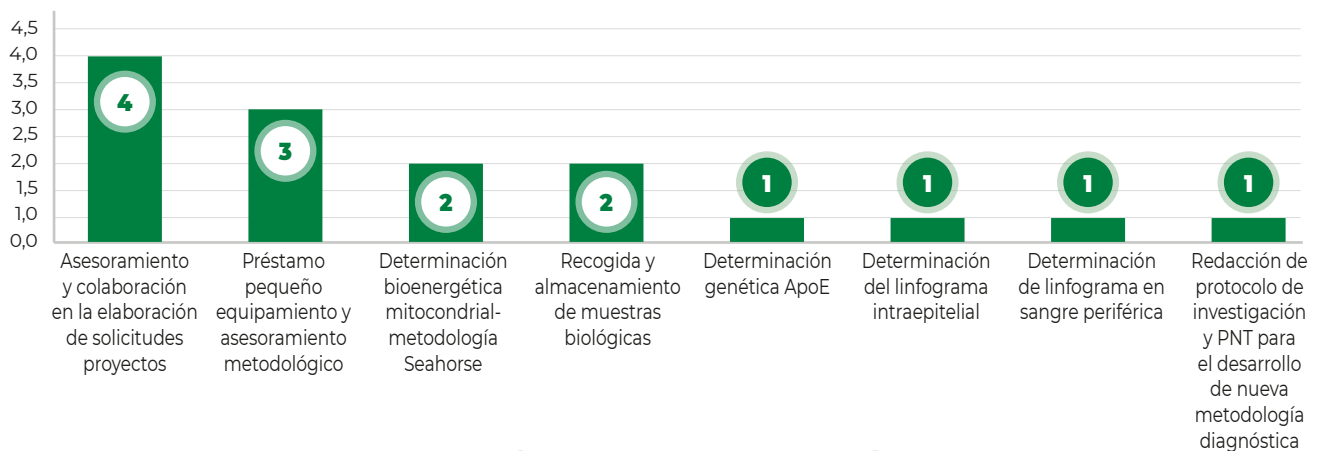
Contact: elena.urchelay@salud.madrid.org
eduardo.anguita@salud.madrid.org 91 330 33 89

Members: Adela González
Laura Espino Paisán
Pilar López de Cotarelo
Concepción Núñez

Location: Hospital Clínico San Carlos, planta baja, ala sur.

- SERVICES OFFERED:**
- ▶ Biological sample Preparation (serum extraction de suero, isolation PBMCs and DNA, platelet-rich plasma- PRPs...)
 - ▶ Pharmacogenetic studies
 - ▶ ApoE genetic risk assessment
 - ▶ Quantification through Luminex technology of cytokines from different sources: serum, urine, teardrop, LCR, etc.
 - ▶ mRNA expression levels by using real-time quantitative PCR
 - ▶ Protein expression levels by using Western blot
 - ▶ B cell immortalization from blood samples
 - ▶ Mitochondrial activity studies (Agilent Seahorse XF Technology)
 - ▶ ELISA

ACTIVITY REGISTER



Nº de proyectos en colaboración

2

Nº de PNTs elaborados

12

2

Nº de publicaciones en colaboración



Cancer and Immune-Mediated Pathologies Immunomonitoring Unit



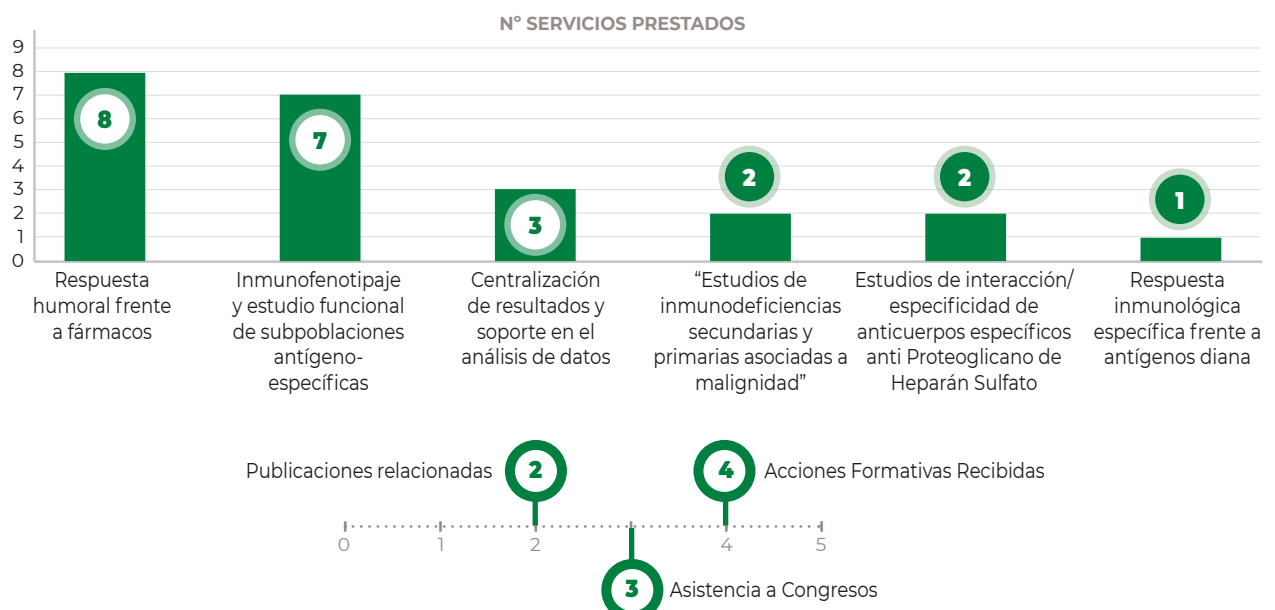
Coordinator: Kissy Guevara-Hoyer
Members: Alberto Ocaña
 Eduardo de la Fuente
 Marcos Viñuela Martín (Apr/22)
 Miguel Fernández Arquero
 Pedro Pérez Segura
 Silvia Sánchez-Ramón

Contact: kissy.guevara@salud.madrid.org Tel. 91 330 33 42
Location: Hospital Clínico San Carlos, 1ª planta, ala sur.

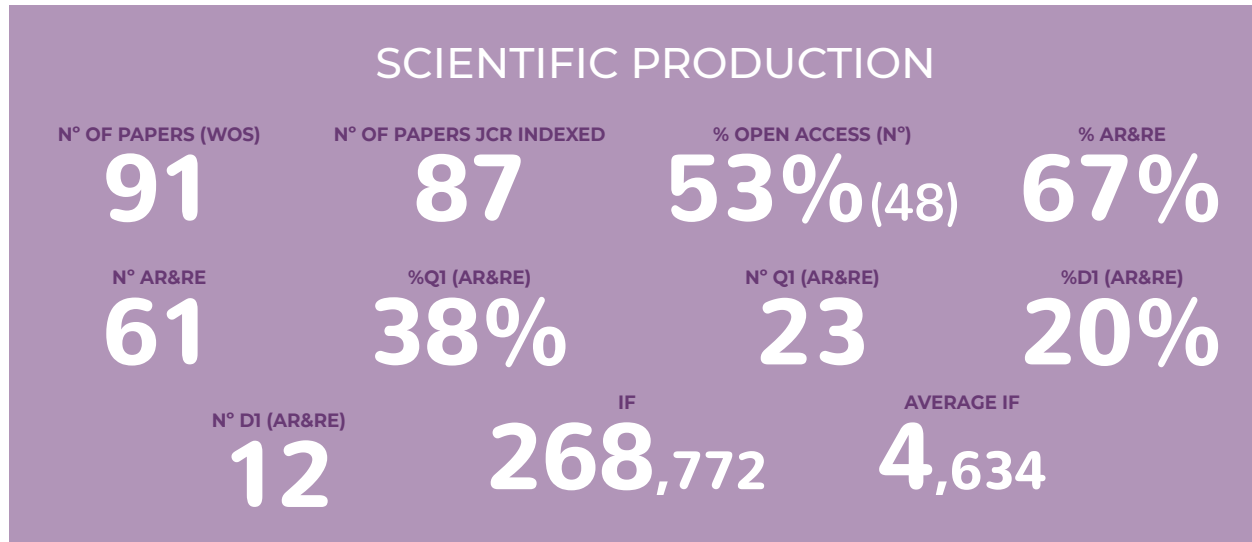
SERVICES OFFERED:

- ▶ Immunophenotyping and functional study of antigen-specific subpopulations: activation, proliferation, production of cytokines, Th1/Th2/Th17, among others.
- ▶ Phenotypic and phosphoflow analysis (flow cytometry).
- ▶ Study of TRECs in screening for secondary immunodeficiencies.
- ▶ Cytokine and chemokine profile studies after antigen-specific stimulation.
- ▶ Inflammation vs immunoregulation (Luminex).
- ▶ Studies of secondary and primary immunodeficiencies associated with malignancy:
- ▶ Typing of the pathological immunophenotype and prediction of risk associated with immunodeficiency and monitoring of response to treatment.
- ▶ Specific immunological response against target antigens.
- ▶ Lymphoproliferative and antigen-specific cellular stimulation studies.
- ▶ Antigen-specific cytotoxicity studies.
- ▶ Tetramer or pentamer assays for specific response with HLA restriction.
- ▶ Study of specific cell populations for the development of vaccines or tolerogenic treatments.
- ▶ Humoral response to drugs: Determination of specific anti-drug antibodies by ELISA or immunoluminescence (in real time).
- ▶ Centralisation of results and support in data analysis: multidimensional analysis, phenograms, meta-clustering of lymphocyte subpopulations.

ACTIVITY REGISTER



Clinical research associate



Alicia Gómez Sanz
 Alonso Mateos Rodríguez
 Ana Delgado Cano
 Ana Fernández Ruiz-Morón
 Ana García Álvarez
 Andrea Díez Navarro
 Andrés Camilo Vargas Jiménez
 Antonia Rodríguez De la Peña
 Bárbara Romero Gómez
 Belén De la Hera Hernanz
 Carlos Fernández Galván
 Christian Bengoa Terrero
 Clara Marcuello Foncillas
 David Olivares Quintanar
 Eduardo López Bran
 Elena Hernández Álvarez
 Eulogio García Fernández
 Eva María Columna Cid
 Fernando Martínez Sagasti
 Fernando Rodríguez Gómez
 Francisca Arranz García
 Francisco Javier Carricondo Orejana
 Francisco José Del Río Gallegos

Francisco Vicente Martín
 Gloria Mato Chain
 Gustavo Adolfo Gómez Bustamante
 Gustavo López Alonso
 Isabel Diges Artesero
 Javier Pedraz Muñoz
 Javier Pereiro De Iamo
 Jesús Gimeno Hernández
 Joaquín Calatayud Gastardi
 Jorge Martínez Nieto
 José Ángel Delgado Martín
 José Miguel Esteban López-Jamar
 Juan Antonio Moya Canton
 Julián Hernández Montero
 Luis Sante Serna
 Lydia María Suárez Lara
 M^a Carmen Cotarelo Pérez
 M^a Jesús Gómez Nebreda
 M^a Luz Capote Toledo
 M^a Teresa De Miguel Del Hoyo
 Manuel Álvarez González
 Manuela Roldán Pallares
 María Del Mar Fenollar Cortés

María Del Pino Alcántara Carrio
 María José Jiménez Martín
 María Jose Vilchez Lara
 María Martín Calvo
 María Teresa Reina Gutiérrez
 María Teresa Sanz Casla
 Mario Salas Carrillo
 Mercedes Nieto Cabrera
 Miguel Sánchez García
 Mónica Pérez Serrano
 Noelia Sanmamed Salgado
 Oscar Ángel Vedia Cruz
 Pablo Pérez Alonso
 Pablo Talavera Eguizabal
 Pedro Espino Hurtado
 Pedro Sáez Rodríguez
 Rafael Martín -Granizo López
 Rafael Otero Fernández
 Rodrigo Barderas Manchado
 Sandra García Pintado
 Víctor Manuel Maojo García
 Victoria Gómez Raso



CARDIOVASCULAR

CV.1

Article

Bertsimas, Dimitris, Borenstein, Alison, Mingardi, Luca, Nohadani, Omid, Orfanoudaki, Agni, Stellato, Bartolomeo, Wiberg, Holly, Sarin, Pankaj, Varelmann, Dirk J., ESTRADA PÉREZ, VICENTE, MACAYA MIGUEL, CARLOS, NÚÑEZ GIL, IVÁN JAVIER. Personalized prescription of ACEI/ARBs for hypertensive COVID-19 patients. *HEALTH CARE MANAGEMENT SCIENCE*. 2021; 24(2): 339-355. DOI: 10.1007/s10729-021-09545-5. FI: 2,893. (Q2).

Conrotto, Federico, D'Ascenzo, Fabrizio, Piroli, Francesco, Franze, Alfonso, de Luca, Leonardo, Quadri, Giorgio, RYAN, NICOLA, ESCANED BARBOSA, JAVIER, Bo, Mario, De Ferrari, Gaetano Maria. Percutaneous coronary intervention of unprotected left main and bifurcation in octogenarians: Subanalysis from RAIN (veRy thin stents for patients with left mAIn or bifurcation in real life). *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*. 2021; 97(5): 755-763. DOI: 10.1002/ccd.29048. FI: 2,692. (Q3).

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INFLAMMATION, INFECTION, IMMUNITY AND ALLERGY

IIIA.1

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NEC.2

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NEC.3

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NEC.5

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Editorial Material

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Letter

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NEC.21

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NEC.22

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ONCOLOGY

ONC.1

Article

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Editorial Material

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ONC.2

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Meeting Abstract

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OGS.12

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OGS.13

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OGS.15

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OGS.22

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Correction

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Editorial Material

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OGS.34

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Mazal, Alejandro, Vera Sanchez, Juan Antonio, SANCHEZ PARCERISA, DANIEL, UDIAS MOINELO, JOSE MANUEL, ESPAÑA PALOMARES, SAMUEL, Sanchez-Tembleque, Víctor, FRAILE PRIETO, LUIS MARIO, BRAGADO DOMINGO, PALOMA, GUTIERREZ UZQUIZA, ALVARO, Gordillo, Nuria, Garcia, Gaston, Castro Novais, Juan, Perez Moreno, Juan Maria, Mayorga Ortiz, Lina, Ilundain Idoate, Amaia, Cremades Sendino, Marta, Ares, Carme, Miralbell, Raymond, Schreuder, Niek. Biological and Mechanical Synergies to Deal With Proton Therapy Pitfalls: Minibeams, FLASH, Arcs, and Gantryless Rooms. *Frontiers in Oncology*. 2021; 10: -. DOI: 10.3389/fonc.2020.613669. FI: 6,244. (Q2).

CARDIOVASCULAR

CV.1 Technology Assessment and Therapeutic Strategies in Coronary Arteriosclerosis

COMPETITIVE FUNDING

PIE16/00043. PIE/C3. DISFUNCIÓN MICROCIRCULATORIA CORONARIA EN EL PACIENTE CON CARDIOPATÍA ISQUÉMICA ESTABLE: IMPACTO CLÍNICO A LARGO PLAZO Y RELACIÓN CON LA ENFERMEDAD CEREBRAL DE PEQUEÑO VASO Y LA DEPRESIÓN. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

CM20/00013. RRHH RIO HORTEGA: Angela Carolina Espejo Paeres. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS LONG COVID. Diagnóstico y manejo clínico de la disfunción microcirculatoria en pacientes con síndrome COVID crónico con dolor torácico de nueva aparición. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: INSTITUTO DE SALUD CARLOS III. Diagnóstico y manejo clínico de la disfunción microcirculatoria. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL15/481. Comparación entre el armazón biorreabsorbible ABSORB y el stent metálico XIENCE en la prevención de la reestenosis tras la intervención coronaria percutánea en pacientes con alto riesgo de reestenosis. PI: ESCANED BARBOSA, JAVIER.

CONV16/004. Convenio marco de colaboración para llevar a cabo investigaciones en el área de la hemodinámica y la dinámica de fluidos. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: INSTITUTO NACIONAL DE TÉCNICA AEROSPAZIAL ESTEBAN TERRADAS INTA.

ECL13/349. ENSAYO CLÍNICO DE UN BRAZO PARA EVALUAR LA EFICACIA DE LAS INTERVENCIÓNES CORONARIAS PERCUTÁNEAS (ICP) EN LA ENFERMEDAD CORONARIA DE 3 VASOS (E3V) DE NUEVA APARICIÓN MEDIANTE LA APLICACIÓN DEL SCORE SYNTAX II, EL USO DE GUÍA DE PRESIÓN PARA LA EVALUACIÓN FUNCIONAL Y EL USO DE IVUS COMO GUÍA DEL PROCEDIMIENTO, E IMPLANTACIÓN DE UN STENT LIBERADOR DE EVEROLIMUS CON RECUBRIMIENTO ABLUMINAL BIODEGRADABLE. PI: ESCANED BARBOSA, JAVIER.

ECL14/221. ESTUDIO FUNCIONAL DE LOS ESTENOSIS INTERMEDIAS COMO METODO DE DECISIÓN PARA LA INDICACIÓN DE REVASCULARIZACIÓN. ESTUDIO PROSPECTIVO, MULTICENTRICO, DOBLE CIEGO Y DISTRIBUCIÓN ALEATORIA PARA PROBAR LA SEGURIDAD DEL APLAZAMIENTO DE LA IMPLANTACIÓN DE STENTS EN LESIONES FISIOLÓGICAMENTE NO SIGNIFICATIVAS EN UNA POBLACIÓN CLINICA CON ESTENOSIS INTERMEDIAS MEDIANTE LA DETERMINACIÓN DEL IFR Y DE LA RFF. PI: ESCANED BARBOSA, JAVIER.

ECL14/360. EVALUACIÓN DEL ESTRÉS DE CIZALLAMIENTO PARIETAL Y DE LA REPARACIÓN NEOINTIMAL TRAS LA INTERVENCIÓN CORONARIA PERCUTÁNEA DE VASOS ANGULOSOS MEDIANTE EL USO DEL STENT RESOLUTE (STENT CORONARIO INTEGRAL LIBERADOR DE ZOTAROLIMUS) COMPARADO CON EL STENT XIENCE XPEDITION (STENT CORONARIO LIBERADOR DE EVEROLIMUS). PI: ESCANED BARBOSA, JAVIER. Funding Organisation: EMORY UNIVERSITY.

ECL13/308. SEGURIDAD Y DESEMPEÑO CLÍNICO DEL ANDAMIO METÁLICO ABSORBIBLE LIBERADOR DE DROGA (DREAMS) EN EL TRATAMIENTO DE PACIENTES CON LESIONES DE NOVO EN ARTERIAS CORONARIAS NATIVAS. PI: ESCANED BARBOSA, JAVIER.

ECL15/482. Tomografía de Coherencia Óptica combinada Reserva de Flujo Fraccional y Morfológica Valoración Hemodinámica de Lesiones no Culpables para Predecir Mejor Resultados de Acontecimiento Adverso en Pacientes de Diabetes Mellitus (TCO-FFR) Registro Prospectivo. PI: ESCANED BARBOSA, JAVIER.

ECL19/105. FIRE. Estudio aleatorizado comparativo, en pacientes ancianos (>75 años) con infarto agudo de miocardio, con o sin elevación del segmento ST (IAMEST y IAMSEST), con enfermedad coronaria multivascular, sobre la eficacia de una estrategia de revascularización completa funcional en respecto a la revascularización de la sola lesión culpable del infar-

to. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: CONSORZIO FUTURO IN RICERCA.

ECL20/631. MARVEL PILOT. Status de la microcirculación coronaria después de litotripsia intravascular. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: Cardiac Research Institute.

“CL19/316. FAVOR III (Functional Assessment by Virtual Online Reconstruction). Comparison of quantitative flow ratio (QFR) and conventional pressure-wire based functional evaluation for guiding coronary intervention. A randomized clinical non-inferiority trial. PI: MEJÍA RENTERÍA, HERNÁN DAVID. Funding Organisation: Aarhus University and Aarhus University Hospital.

ECL17/189. Registro multicéntrico de REVascularización SECundaria. REGISTRO REVASEC. PI: SALINAS SANGUINO, PABLO. Funding Organisation: LABORATORIOS FARMACEUTICOS ROVI S.A.

ECL20/517. REGISTRO PROSPECTIVO, DE BRAZO UNICO, MULTICENTRICO, OBSERVACIONAL DE LITOTRIZIA CORONARIA PARA EL TRATAMIENTO DE LESIONES CALCIFICADAS EN ESPAÑA. PI: GONZALO LÓPEZ, MARIA NIEVES.

ECL20/119. The OPTIMAL (Optimization of Left Main PCI with Intravascular Ultrasound) Randomized Controlled Trial. Estudio de investigación clínica, controlado y aleatorizado OPTIMAL: optimización de la ICP en la arteria coronaria principal izquierda con. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: EUROPEAN CARDIOVASCULAR RESEARCH INSTITUTE (ECRI-2)B.V.(SYNTAX II).

ECL15/373. TicaGrEloR and ABSORB Bioresorbable Vascular Scaffold implantation for recovery of vascular function after successful Chronic Total Occlusion recanalization. PI: ESCANED BARBOSA, JAVIER.

BIOMAG. Seguridad y rendimiento clínico del sistema de scaffold coronario de magnesio liberador de sirolimus reabsorbible (DREAMS 3G) para el tratamiento de pacientes con lesiones de novo en arterias coronarias nativas: BIOMAG-I. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: BIOTRONIK.

CRATER. Coronary Rotational Atherectomy Elective Renal.Arterioctomía Rotacional electiva vs de rescate en pacientes con lesiones coronarias calcificadas graves e insuficiencia renal crónica. PI: SALINAS SANGUINO, PABLO. Funding Organisation: Hospital Universitario La Paz.

DCR4 Contrast. Dynamic Coronary Roadmap for Contrast Reduction. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: PHILIPS.

DISCO. Registro de DISECCIÓN Coronaria espontánea. PI: ESCANED BARBOSA, JAVIER y MACAYA TEN, FERNANDO. Funding Organisation: FIC.

i-LITRO. Estudio Observacional de concordancia entre FFR e IFR para la valoración de lesiones intermedias en el tronco común izquierdo. Aplicación prospectiva de un valor de iFR predefinido para la valoración de lesiones intermedias en el tronco común izquierdo. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: PHILIPS.

i-MODERN. Instantaneous wave free ratio guide Multi-vessel revascularization during percutaneous coronary intervention for acute myocardial infarction. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: RADBOUDUMC.

ISCHEMIA CTO. Ensayo aleatorizado en el contexto nórdico y español sobre los efectos del tratamiento médico óptimo o revascularización de las oclusiones coronarias totales crónicas con isquemia miocárdica. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: Aarhus University (Denmark).

LUDICO. Eficacia y seguridad del uso de laser coronario en lesiones incrucesables o indilatables. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: Hospital Universitario La Paz.

REDUCER-I. An Observational Study of the Neovasc Reducer™ System. The Reducer is intended for patients with refractory angina pectoris despite medical therapy, who are either not amenable or are at high risk for revascularization by coronary artery bypass grafting (CABG) or by percutaneous coronary intervention (PCI). The Reducer is designed to create a narrowing in the coronary sinus (CS) after implantation. CS narrowing improves perfusion to ischemic myocardium in the presence of reversible ischemic heart disease to alleviate the symptoms of refractory angina pectoris. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: NEOVASC.



REPLICA. Registro prospectivo, de brazo único. Multicéntrico, observacional de litotricia coronaria para el tratamiento de lesiones calcificadas en España. PI: GONZALO LÓPEZ, MARIA NIEVES. Funding Organisation: Fundacion EPIC.

REVEAL-iFR. Validación y evaluación de las imágenes radiográficas para Angio iFR. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: PHILIPS.

BIOFREEDOM. Evaluación de la eficacia (ACC) y la seguridad de la endoprotésis recubierta con BIOLIMUS A9 Biofreedom de COCR en un ensayo aleatorizado en pacientes con coronariopatía. PI: MACAYA TEN, FERNANDO. Funding Organisation: Biosensor Europe S.A.

BIOSOLVE II. Safety and clinical performance of the drug eluting absorbable metal scaffold (dreams 2nd generation) in the treatment of subjects with the novo lesions in native coronary arteries. PI: GONZALO LÓPEZ, MARIA NIEVES. Funding Organisation: BIOTRONIK.

ILUMIEN IV. Comparación entre la tomografía de coherencia óptica (TCO) y la angiografía como métodos de implante de un stent coronario: ensayo multicéntrico aleatorizado en una ICP. PI: GONZALO LÓPEZ, MARIA NIEVES. Funding Organisation: ABBOTT.

MAGSTEMI. MAGnesium-based bioresorbable scaffold and vasomotor function in patients with acute ST segment Elevation Myocardial Infarction. PI: SALINAS SANGUINO, PABLO. Funding Organisation: SEC.

SUGAR. Estudio prospectivo, multicéntrico y aleatorizado (stent sin polímero liberador de Sirolimus vs stent con polímero liberador de Zotarolimus) en el tratamiento percutáneo de pacientes diabéticos con enfermedad coronaria. PI: SALINAS SANGUINO, PABLO. Funding Organisation: SEC.

VASTAREL. Eficacia y seguridad de trimetazidina en pacientes con angina de pecho después de haber sido sometidos a una intervención coronaria percutánea. PI: MACAYA TEN, FERNANDO. Funding Organisation: I.R.I.S.

OWN FUNDING/OTHERS

TROMPA. Registro de Tromboembolia de Pulmón de moderado-Alto riesgo. PI: SALINAS SANGUINO, PABLO.

ENDOPAT COVID. Assessment of Endothelial Vasodilator Function in COVID-19 Patients. PI: MEJÍA RENTERÍA, HERNÁN DAVID. Funding Organisation: Hospital Clínico San Carlos.

CV.2 Cardiovascular Imaging

NON COMPETITIVE FUNDING

CONV17/106. Convenio de colaboración para la presentación de un proyecto de investigación en una convocatoria de Innolabs. PI: LUACES MÉNDEZ, MARÍA. Funding Organisation: S-THERE TECHNOLOGIES S.L.

ECL.21/351. EMPOWERING AND EQUIPPING EUROPEANS WITH HEALTH INFORMATION FOR ACTIVE PERSONAL HEALTH MANAGEMENT AND ADHERENCE TO TREATMENT. PI: LUACES MÉNDEZ, MARÍA.

ECL.20/544. IMPACTO CLÍNICO Y ECONÓMICO DE LA PANDEMIA COVID-19 EN PERSONAS CON OBESIDAD EN ESPAÑA. PI: LUACES MÉNDEZ, MARÍA.

ECL.21/340. LEVERAGING AI BASED TECHNOLOGY TO TRANSFORM THE FUTURE OF HEALTH CARE DELIVERY IN LEADING HOSPITALS IN EUROPE. PI: LUACES MÉNDEZ, MARÍA.

MLM.M01MIT. M+VISION FELLOWSHIP TRAINING PROGRAM AT HOSPITAL CLINICO SAN CARLOS. PI: LUACES MÉNDEZ, MARÍA. Funding Organisation: MADRID-MIT M+VISION CONSORTIUM.

CV.4 Arrhythmia

COMPETITIVE FUNDING

EUR.ERARE. Exploring new therapeutic strategies in Hutchinson-Gilford progeria syndrome preclinical models. PI: FILGUEIRAS RAMA, DAVID. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

JPD.PAID.17. ITACA-CM. PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PI21/00838. Comunicación huésped- microbiota intestinal a través de vesículas extracelulares en el desarrollo y progresión de la insuficiencia cardíaca. Búsqueda de nuevos biomarcadores. PI: Colaborador: PÉREZ CASTELLANO, NICASIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI21/01435. Efectividad de una herramienta informática para adecuar el tratamiento anticoagulante en fibrilación auricular no valvular (FANTAS-TIC). PI: Colaborador: PÉREZ CASTELLANO, NICASIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

14/273-ERANET. Caracterización Ecocardiográfica de la Actividad Auricular Eléctrica y Mecánica de Pacientes con Fibrilación Auricular Paroxística y Persistente, así como su Valor Predictivo en la Cardioversión Farmacológica. (DTI-AF-Predict). PI: FILGUEIRAS RAMA, DAVID. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.15/398. APXABÁN PARA LA REDUCCIÓN DE TROMBOEMBOLISMO EN PACIENTES CON FIBRILACIÓN AURICULAR SUBCLÍNICA DETECTADA POR UN DISPOSITIVO. PI: PÉREZ CASTELLANO, NICASIO. Funding Organisation: HAMILTON HEALTH SCIENCES CORPORATION - HAMILTON GENERAL HOSPITAL.

ECL.12/118. EARLY TREATMENT OF ATRIAL FIBRILATION FOR STROKE PREVENTION TRIAL (EAST). TRATAMIENTO PRECOZ DE LA FIBRILACIÓN AURICULAR PARA LA PREVENCIÓN DE ACCIDENTES CEREBROVASCULARES. PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN.

JPD.M01FIC. Colaboración para la ejecución del proyecto "Desarrollo de un modelo organizativo para dar soporte a la Red Cardiovascular Cardio-red1". PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN. Funding Organisation: FUNDACION INTERHOSPITALARIA PARA INVESTIGACION CARDIOVASCULAR.

RBF.M01NOV. Patrocinio Jornada de iniciación en técnicas de investigación clínica en Insuficiencia Cardíaca 10 de noviembre de 2015. PI: BOVER FREIRE, RAMÓN. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

CONV18/017. Convenio de colaboración para la distribución presupuestaria de Programas de actividades de I+D Convocatoria Biomedicina 2017. Proyecto B2017/BMD 3738 ITACA-CM "Investigación traslacional en arritmias cardíacas hereditarias". PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN. Funding Organisation: FUNDACION INV. BIOMEDICA HOSP. RAMON Y CAJAL.

JPD.M01SEC. Convenio de formación: programa de formación en investigación en el área de imagen cardíaca en el IdISSC. PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN.

ECL.17/507. Crioablación de venas pulmonares vs fármacos antiarrítmicos vs fibrilación auricular persistente (CRAFT). PI: PÉREZ CASTELLANO, NICASIO. Funding Organisation: FUNDACION INTERHOSPITALARIA PARA INVESTIGACION CARDIOVASCULAR.

CONV19/089. El convenio tiene por objeto el desarrollo de proyectos sobre el estudio de los mecanismos subyacentes y nuevas terapias en arritmias, tanto auriculares como ventriculares, la caracterización detallada de los mecanismos de inicio y mantenimiento de arritmias ventriculares tras el infarto de miocardio, y el estudio de los mecanismos que desencadenan arritmias cardíacas y otros posibles predictores arrítmicos. PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN. Funding Organisation: FUNDACION CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III CNIC.

ECL.20/658. Ensayo clínico aleatorizado, multicéntrico, abierto, controlado, fase III, paralelo, para evaluar la eficacia y seguridad de Ivabradina versus Digoxina en el control crónico de la frecuencia cardíaca en pacientes con fibrilación auricular permanente en tratamiento con betabloqueantes o calcioantagonistas. PI: SALGADO ARANDA, RICARDO.

ECL.15/011. Ensayo controlado aleatorizado de la ablación del nódulo AV y de la estimulación biventricular frente a la terapia farmacológica óptima en pacientes con fibrilación auricular permanente. Ensayo de investigadores de la ablación del nódulo AV y de la estimulación biventricular en fibrilación auricular e insuficiencia cardíaca (APAF-CRT). PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN.

ECL.2018/083. Ensayo fase III, internacional, doble ciego, aleatorizado y controlado con placebo, para evaluar el efecto de dapagliflozina en la reducción de la mortalidad cardiovascular o el empeoramiento de la insuficiencia cardíaca en pacientes con insuficiencia cardíaca con fracción de

eyección preservada. PI: BOVER FREIRE, RAMÓN. Funding Organisation: ARAZENECA FARMACEUTICA SPAIN S.A.

ECL.21/570. ESTUDIO CLÍNICO FUNDAMENTAL DE FASE 3, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL ESTIMULADOR DE LA GCS VERICIGUAT/MK-1242 EN ADULTOS CON INSUFICIENCIA CARDÍACA CRÓNICA CON FRACCIÓN DE EYECCIÓN REDUCIDA. PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

ECL.21/241. ESTUDIO MULTICÉNTRICO ESPAÑOL SOBRE LA PREVALENCIA, INCIDENCIA Y PRONÓSTICO DE HIPERTENSIÓN EN PACIENTES CON INSUFICIENCIA CARDÍACA Y FRACCIÓN DE EYECCIÓN REDUCIDA. HIPERK-IC STUDY: SPANISH MULTICENTRIC STUDY OF HYPERKALAEMIA PREVALENCE, INCIDENCE AND PROGNOSIS IN PATIENTS WITH HEART FAILURE AND REDUCED EJECTION FRACTION. PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

ECL.16/526. Estudio multicéntrico, aleatorizado, doble ciego, controlado con tratamiento activo para evaluar los efectos de LCZ696 comparado con valsartán en la función cognitiva en pacientes con insuficiencia cardíaca crónica y fracción de eyección preservada. PI: BOVER FREIRE, RAMÓN. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.20/490. Estudio multicéntrico, doble ciego, controlado con placebo, de retirada aleatorizada, con grupos paralelos, de patirómero para el manejo de la hipertensión en pacientes que reciben medicamentos inhibidores del sistema renina-angiotensina-aldosterona (ISRAA) para el tratamiento de la insuficiencia cardíaca (DIAMOND). PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

ECL.17/354. Estudio observacional SMART Registry. Estrategia de optimización de la respuesta a la terapia de resincronización cardíaca. PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN. Funding Organisation: GUIDANT EUROPE NV/SA (BOSTON SCIENT.CPNY).

DFR.M01ABB. Financiación por Abbott estudio "Patient-TAILOred ablation of atrial fibrillation drivers in persistent stages based on instantaneous amplitude and frequency modulation criteria (TAILOR-AF)". Promotores FIBHSC/CNIC. PI: FILGUEIRAS RAMA, DAVID. Funding Organisation: ABBOTT MEDICAL ESPAÑA S.A.

ECL.20/470. High radiofrequency POWER for FAster and Safer pulmonary veins ablation Trial (POWER FAST II). Aplicaciones de radiofrecuencia de alta potencia para ablación de venas pulmonares más rápida y segura ensayo POWER FAST II. PI: PÉREZ CASTELLANO, NICASIO.

ECL.2016/015. Non-vitamin K antagonist Oral anticoagulants in patients with Atrial High rate episodes. PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN.

ECL.21/070. PROYECTO DE VIABILIDAD DEL USO EN HOSPITALES ESPAÑOLES DE ESTÁNDARES RECOMENDADOS PARA MEDIR RESULTADOS EN PACIENTES CON INSUFICIENCIA CARDÍACA (HF-OUTCOMES-SPAIN). PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

RBF.M02ADA. Realización jornada formativa Especialistas Cardiología Latinoamericanos Heart Failure Week 20 de junio de 2017. PI: BOVER FREIRE, RAMÓN. Funding Organisation: ADALIA FARMA S.L.

ECL.18/293. Registro Observacional Prospectivo de Pacientes con Insuficiencia cardíaca. Registro ICC-SEC. PI: BOVER FREIRE, RAMÓN.

ECL 15/398. Ensayo clínico para la comparación de Apixaban y aspirina en la reducción de tromboembolismo en pacientes con fibrilación auricular sub-clínica detectada por un dispositivo implantable (ARTESIA). PI: PÉREZ CASTELLANO, NICASIO. Funding Organisation: HAMILTON HEALTH SCIENCES CORPORATION - HAMILTON GENERAL HOSPITAL.

18/312-O.P. Evaluación de una estrategia de ablación de Fibrilación Auricular mediante aislamiento eléctrico de venas pulmonares guiada por los valores de LSI en Fibrilación Auricular Paroxística. PI: PÉREZ CASTELLANO, NICASIO."

20/492-EC.P. Comparación de la anticoagulación con el cierre de la oreja auricular izquierda después de la ablación de FA (OPTION). PI: NOMBELA, LUIS."

20/658. Ensayo clínico aleatorizado, multicéntrico, abierto, controlado, fase III, paralelo, para evaluar la eficacia y seguridad de ivabradina vs digoxina en el control crónico de la frecuencia cardíaca en pacientes con FA permanente en tto con betabloqueantes o calcioantagonistas (BRAKE-AF). PI: SALGADO ARANDA, RICARDO.

14/428R. Ensayo clínico aleatorizado para estudio de cardioversión farmacológica efectiva de Fibrilación Auricular Paroxística mediante bloqueo

de las corrientes iónicas atrioselectivas por tratamiento con Vernakalant vs Flecainida (SELECTI-CARFAP). PI: PÉREZ CASTELLANO, NICASIO.

17/334-R.P. Terminación aguda de la fibrilación auricular persistente mediante ablación de las regiones potencialmente responsables de su mantenimiento guiada por una herramienta computacional basada en electrogramas auriculares: estudio piloto (ABLACIÓN FA ECANICISTA). PI: QUINTANILLA Gª, JORGE y FILGUEIRAS RAMA, DAVID .

ECL.15/444. Valor del Despistaje y Tratamiento del S. Apnea-Hipopnea del Sueño en el Manejo de Candidatos a Ablación de Fibrilación Auricular (SLEEP-AF). PI: PÉREZ CASTELLANO, NICASIO.

16/405-E. Valor pronóstico precoz de un Algoritmo basado en Variables espectrales de la fibrilación Ventricular en el EKG de pacientes con parada cardiorrespiratoria intra/ extrahospitalaria. (AWAKE). PI: FILGUEIRAS RAMA, DAVID.

19/539-E. Registro multicéntrico de Heartlogic en España (RE-HEART). PI: PÉREZ CASTELLANO, NICASIO y GOIRIGOLZARRI, JOSEBE .

21/485-EC.P. Ablación paciente-específica de las regiones con alta jerarquía de activación en recurrencias de fibrilación auricular persistente tras ≥1 ablación de venas pulmonares (Estudio Hierarchy-AF). PI: FILGUEIRAS RAMA, DAVID.

20/144-E.Otro. Carga Sintomática como Base para la Indicación de Estudio Electrofisiológico Invasivo en Taquicardia Supraventricular (Registro BELIEVE SVT). PI: SALGADO ARANDA, RICARDO.

18/288-E. Atrial Fibrillation III (AF III) Registry. PI: PÉREZ CASTELLANO, NICASIO.

ECL.21/353. COMPORTAMIENTO DE EDOXABÁN EN PACIENTES CON FIBRILACIÓN AURICULAR NO VALVULAR E INSUFICIENCIA CARDÍACA EN ESPAÑA – COMPORTAMIENTO DE EDOXABÁN EN FANV E IC. ESTUDIO EMAYIC. PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

ECL.20/096. Estudio observacional para evaluar el manejo clínico y la Adecuación de las estrategias terapéuticas utilizadas en Pacientes con enfermedad Aterosclerótica estable y el Uso de los tratamientoS recomendados de Acuerdo a las guías clínicas (Estudio APALUSA). PI: BOVER FREIRE, RAMÓN. Funding Organisation: FUNDACION CASA DEL CORAZÓN.

CV.6 Group on Predictive Biomedicine and Translational Research of Respiratory, Cardiovascular and Metabolic Diseases

NON COMPETITIVE FUNDING

ECL.20/353. A Multicenter, Randomized, Open-label, Parallel Group Pilot Study to Evaluate the Safety and Efficacy of Alpha1-Proteinase Inhibitor (Prolastin®) plus Standard Medical Treatment (SMT) versus SMT alone in Hospitalized Subjects with COVID-19 V. PI: CALLE RUBIO, MIRIAM. Funding Organisation: GRIFOLS WORLWIDE OPERATIONS LIMITED.

ECL.19/369. A Pan-European Multi-Centre Observational Study To Determine The Natural History Of Patients With Alpha-1 Antitrypsin Deficiency. Estudio pan Europeo multicéntrico observacional para determinar la historia natural de los pacientes con déficit de alfa-1 antitripsina. PI: RODRIGUEZ HERMOSA, JUAN LUIS. Funding Organisation: INSTITUT RECERCA HOSPITAL UNIVERSITARI VALL D'HEBRON.

ECL.20/667. A phase 3, Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy, Safety, and Tolerability of Brensocatib Administered Once Daily for 52 Weeks in Subjects with Non-Cystic Fibrosis Bronchiectasis – The ASPEN Study. Estudio de fase 3, aleatorizado, doble ciego y controlado con placebo para evaluar la eficacia, la seguridad y la tolerabilidad de brensocatib administrado una vez al día durante 52 semanas en sujetos con bronquiectasias sin fibrosis quística: estudio ASPEN. PI: RODRIGUEZ HERMOSA, JUAN LUIS."

ECL.20/182. A Randomized, Double-blind, Placebo-controlled, Parallel-group, 52-week Pivotal Study to Assess the Efficacy, Safety, and Tolerability of Dupilumab in Patients with Moderate-to-severe Chronic Obstructive Pulmonary Disease (COPD) with Type 2 inflammation//. PI: RODRIGUEZ HERMOSA, JUAN LUIS. Funding Organisation: SANOFI AVENTIS, S.A.



AMC.C01TEC. Colaboración para la realización del "ESTUDIO DE LOS EFECTOS DE SULODEXIDA SOBRE BIOGÉNESIS MITOCONDRIAL EN VENAS VARICOSAS, Código 16/410-E ". PI: MARTÍN CONEJERO, ANTONIO IGNACIO. Funding Organisation: MEIJI PHARMA SPAIN S.A.

ECL.14/528. BIOTRONIK - Un registro prospectivo, internacional, multicéntrico, postcomercialización, con inclusión de todos los pacientes, para evaluar el rendimiento clínico del catéter con balón liberador de paclitaxel Paseo-18 Luxen arterias infrainguinales -III. PI: SERRANO HERNANDO, FRANCISCO JAVIER.

ECL.12/327. ENSAYO CLINICO PROSPECTIVO ALEATORIZADO, DOBLE CIEGO, PARALELO CONTROLADO FRENTE A PLACEBO DE UNA VACUNA BACTERIANA POLIVALENTE (BACTEK) ADMINISTRADA POR VIA MUCOSA SUBLINGUAL, EN SUJETOS CON ENFERMEDAD PULMONAR OBSTRUCTIVA CRÓNICA /EPOC PARA LA EVALUACIÓN DE LA SEGURIDAD Y EFICACIA CLINICA Y DE LA RESPUESTA INMUNOMODULADORA. PI: ÁLVAREZ-SALA WALTHER, JOSÉ LUIS.

ECL.13/144. GREAT GLOBAL REGISTRY ENDOVASCULAR AORTA TREATMENT. PI: SERRANO HERNANDO, FRANCISCO JAVIER.

ALF.M01BAY. POSIBLE EFECTOS BENEFICIOSOS DEL RIVAROXABAN COMO POTENCIAL INHIBIDOR DEL CRECIMIENTO DE ANEURISMA DE AORTA ABDOMINAL. PI: LÓPEZ FARRÉ, ANTONIO. Funding Organisation: BAYER HISPANIA, S.L.U.

ALF.M04BAY. Convenio colaboración para la ejecución de un estudio: Rivaroxaban and COVID-19. PI: ZAMORANO LEÓN, JOSÉ JAVIER. Funding Organisation: BAYER HISPANIA, S.L.U.

ECL.20/438. Ensayo multicéntrico, controlado con placebo, de grupos paralelos, doble ciego y aleatorizado para evaluar la seguridad y la tolerabilidad de administraciones subcutáneas mensuales de una cohorte de dosis baja y una de dosis alta de osocimab en pacientes. PI: HERRERO CALVO, JOSÉ ANTONIO.

ECL.2016/101. Estudio de fase 3 aleatorizado, abierto (enmascarado para el promotor), con control activo, de grupos paralelos, multicéntrico, basado en acontecimientos en sujetos que no reciben diálisis con anemia asociada a nefropatía crónica para evaluar la seguridad y la eficacia de daprodustat en comparación con darbepoetina alfa. PI: HERRERO CALVO, JOSÉ ANTONIO. Funding Organisation: PHARMACEUTICAL PRODUCT DEVELOPMENT SPAIN, S.L.

ECL.20/179. Estudio de fase 3b, aleatorizado, doble ciego, controlado con placebo y multicéntrico para evaluar la eficacia y la seguridad de gefapixant en participantes adultos con tos crónica de inicio reciente. PI: RODRIGUEZ HERMOSA, JUAN LUIS. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.18/419. Estudio de fase II preliminar, multicéntrico, con doble enmascaramiento, aleatorizado, con dosis ascendentes, grupos secuenciales y comparado con placebo para evaluar el mecanismo de acción, la seguridad y la tolerabilidad de 12 semanas de administración oral de alvelestat (MPH966) dos veces al día en participantes con déficit de a-1-antitripsina (genotipo/fenotipo PiZZ o nulo). PI: RODRIGUEZ HERMOSA, JUAN LUIS. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.20/467. Estudio de la aparición de cambios fibróticos pulmonares asociados a la infección por SARS-CoV-2. PI: RODRIGUEZ HERMOSA, JUAN LUIS.

ECL.17/419. ESTUDIO MULTICENTRICO Y PROSPECTIVO PARA DETERMINAR EL IMPACTO DE LA INMUNIZACIÓN ANTINEUMOCÓCICA SOBRE LAS EXACERBACIONES AGUDAS DE LA EPOC (ESTUDIO IMPACE). PI: CALLE RUBIO, MIRIAM. Funding Organisation: PFIZER, S.L.U.

ECL.16/534. Estudio multinacional, de un solo grupo, observacional para evaluar la eficacia y el patrón de uso en la vida real de mepolizumab en pacientes con asma eosinofílica grave. PI: RODRIGUEZ HERMOSA, JUAN LUIS. Funding Organisation: PHARMACEUTICAL PRODUCT DEVELOPMENT SPAIN, S.L.

ECL.19/568. Estudio observacional, prospectivo y multinacional para describir el uso de calcimiméticos en pacientes sometidos a hemodiálisis (HD). PI: HERRERO CALVO, JOSÉ ANTONIO. Funding Organisation: AMGEN S.A.

ECL.20/643. ESTUDIO SOBRE LA CARGA QUE SUPONE PARA EL SISTEMA SANITARIO Y LOS PACIENTES LA TOS CRÓNICA REFRACTARIA O INEXPLICADA. PI: RODRIGUEZ HERMOSA, JUAN LUIS.

CIM.M01MSD. Patrocinio Curso ORL 30 de mayo de 2019. PI: IGLESIAS MORENO, M^a CRUZ. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

FSH.M01COOK. Sesiones sobre la endoprótesis aórtica Zenith AAA Fenestrada con marcado CE (ZFEN) 17 y 23 de julio de 2019. PI: SERRANO HERNANDO, FRANCISCO JAVIER. Funding Organisation: COOK ESPAÑA S.A.

JBP.M01CURSO. XIV Curso Teórico-Práctico de Audiología Clínica 26 y 27 de mayo de 2017. PI: POCH BROTO, JOAQUÍN.

FSH.F01BRI. ESTUDIO DE LAS ALTERACIONES GENÉTICAS COMO FACTORES DE RIESGO DE LOS ANEURISMAS AÓRTICOS ABDOMINALES. PI: SERRANO HERNANDO, FRANCISCO JAVIER. Funding Organisation: BRISTOL MYERS SQUIBB, S.A.U.

CV.7 Valvular Pathology and Large Vessels

COMPETITIVE FUNDING

FIS.190518. Terapia antibiótica corta comparada con el tratamiento antibiótico convencional en pacientes con endocarditis infecciosa por cocos gram positivos: ensayo clínico aleatorizado. PI: OLMOS BLANCO, CARMEN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.2018/121. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE QP1-1002 EN LA PREVENCIÓN DE ACONTECIMIENTOS ADVERSOS RENALES GRAVES (MAKE) EN PACIENTES CON ALTO RIESGO DE LESIÓN RENAL AGUDA (AKI) DESPUÉS DE CIRUGÍA CARDÍACA2. PI: MAROTO CASTELLANOS, LUIS CARLOS.

ECL.15/584. Evaluación de los resultados clínicos del sistema valvular EDWARDS INTUITY Elite en la sustitución valvular aórtica [SVA] aislada con cirugía mínimamente invasiva en un registro multicéntrico europeo, activo, post-comercialización. - Registro MISSION. PI: MAROTO CASTELLANOS, LUIS CARLOS. Funding Organisation: EDWARDS LIFESCIENCES S.A.

ECL.21/211. PRIMER ESTUDIO CLÍNICO EN HUMANOS PARA EL TRATAMIENTO DE LA INSUFICIENCIA MITRAL GRAVE CON EL SISTEMA TRANSCATETERIANO DE VÁLVULA MITRAL EPYGON™ - (MINERVA FIIH). PI: MAROTO CASTELLANOS, LUIS CARLOS.

ECL.18/148. Registro universal de implantación de prótesis de válvula aórtica de Sorin- SURE_AVR. PI: MAROTO CASTELLANOS, LUIS CARLOS. Funding Organisation: SORIN GROUP ITALIA SRL.

CV.8 Translational Research in Acute Myocardial Syndromes (INTEGRA)

COMPETITIVE FUNDING

EUR.SECURE. Secondary prEvention of CardiovasculaR disease in the Elderly trial. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: COMISIÓN EUROPEA.

FIS.160191. Efectos de la Administración Intravenosa de Acetilsalicilato de Lisina versus Aspirina Oral sobre la Respuesta Plaquetaria en Pacientes con un Infarto Agudo de Miocardio con Elevación del Segmento ST: un estudio farmacodinámico (estudio ECCLIPSE-STEMI). PI: VIVAS BALCONES, LUIS DAVID. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.160840. ESTUDIO PILOTO ALEATORIZADO SOBRE LA EFICACIA DE LA CORONARIOGRAFÍA URGENTE EN LOS PACIENTES CON ECG NO DIAGNÓSTICO TRAS UNA PARADA CARDIACA EXTRAHOSPITALARIA RECUPERADA (COUPE). PI: VIANA TEJEDOR, ANA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

Athero-Brain The Heart to Head (H2H) - Spain Study . PI: FERNANDEZ ORTIZ ANTONIO. Funding Organisation: Instituto de Investigación del Hospital Universitario 12 de Octubre/Fundación para la Investigación Biomédica Hospital Universitario 12 de Octubre.

ECLIPSE STEMI: Ensayo de Fase II, multicéntrico, abierto, aleatorizado, paralelo, con dos grupos de tratamiento. PI: VIVAS BALCONES, LUIS DAVID. Funding Organisation: FIS-ISCI3.

QUORUM.A Phase 2, Double-blind, Active-controlled, Dose-titrating Efficacy and Safety Study of Firibastat (QGC001) Compared to Ramipril Administered Orally, Twice Daily, Over 12 Weeks to Prevent Left Ventricular Dysfunction after Acute Myocardial Infarction. PI: FERNANDEZ ORTIZ ANTONIO. Funding Organisation: QUANTUM GENO.

Estudio COUPE: Estudio aleatorizado sobre la eficacia de la Coronarografía Urgente en los pacientes con ECG no diagnóstico tras una Parada cardiaca Extrahospitalaria recuperada. Proyectos de Investigación en Salud (modalidad Proyectos de Investigación en Salud) de la convocatoria 2016 de la Acción Estratégica en Salud. . PI: VIANA TEJEDOR, ANA. Funding Organisation: Fundación Investigación Biomédica Hospital Clínico San Carlos.

NON COMPETITIVE FUNDING

ECL.20/692. "ESTUDIO DE FASE III MULTICÉNTRICO, ABIERTO Y DE UN SOLO GRUPO DE PB2452 EN PACIENTES TRATADOS CON TICAGRELOR CON HEMORRAGIA MAYOR O POTENCIALMENTE MORTAL NO CONTROLADA O QUE REQUIERAN UNA INTERVENCIÓN QUIRÚRGICA O UN PROCEDIMIENTO INVASIVO URGENTES". PI: VIVAS BALCONES, LUIS DAVID.

ECL.20/689. "Estudio observacional para evaluar el Beneficio clínico Neto de Edoxaban en pacientes con Fibrilación auricular no valvular, según práctica clínica habitual en España". PI: VIVAS BALCONES, LUIS DAVID.

AFO.M05CNIC. Convenio colaboración en la organización, desarrollo y funcionamiento de proyectos y actividades de investigación dentro del campo de las enfermedades cardiovasculares con las acciones, estudios e investigaciones especificados en el anexo al convenio. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: FUNDACION CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III CNIC.

ECL.14/451. ESTUDIO ALEATORIZADO PARA COMPARAR LA EFICACIA DE LA ESTRATEGIA DE REVASCULARIZACIÓN COMPLETA A LADE SOLAMENTE EL VASO RESPONSABLE EN EL TRATAMIENTO DE LAS CORONARIOPATÍAS QUE AFECTAN A VARIOS VASOS TRAS UNA INTERVENCIÓN CORONARIA PERCUTÁNEA PRIMARIA DEBIDA A UN INFARTO DE MIOCARDIO CON ELEVACIÓN DEL SEGMENTO ST (IMEST). PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: HAMILTON HEALTH SCIENCES CORPORATION - HAMILTON GENERAL HOSPITAL.

CONV17/171. Convenio colaboración para el desarrollo del proyecto SECURE. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: FUNDACION DE INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO LA PRINCESA.

CONV17/172. Convenio colaboración para el desarrollo del proyecto SECURE. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO PUERTA DE HIERRO.

CONV17/173. Convenio colaboración para el desarrollo del proyecto SECURE. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO 12 DE OCTUBRE.

CONV17/174. Convenio colaboración para el desarrollo del proyecto SECURE. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: FUNDACION INVESTIGACION BIOMEDICA HOSPITAL GREGORIO MARAÑÓN.

CONV18/119. Convenio colaboración para el desarrollo del proyecto SECURE. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO PRÍNCIPE DE ASTURIAS FIBHUPA.

ECL.16/001. Prevención Secundaria de la Enfermedad Cardiovascular en Ancianos (SECURE). PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

ECL.16/187. Efectos de la Administración Intravenosa de Acetilsalicilato de Lisina versus Aspirina Oral sobre la Respuesta Plaquetaria en Pacientes con un Infarto Agudo de Miocardio con Elevación del Segmento ST: un estudio farmacodinámico (estudio ECCLIPSE-STEMI). PI: VIVAS BALCONES, LUIS DAVID.

ECL.2019/136. Ensayo de fase 2, multicéntrico, aleatorizado, controlado con placebo, doble ciego, de grupos paralelos, de búsqueda de dosis para evaluar la eficacia y seguridad de BAY 2433334 en pacientes que han sufrido un infarto agudo de miocardio. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: BAYER HISPANIA, S.L.U.

ECL.18/259. Estudio de fase 3, multicéntrico, doble ciego, aleatorizado, controlado con placebo y de grupos paralelos para investigar la eficacia y seguridad de CSL112 en pacientes con síndrome coronario agudo. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: DRUG-DEV LTD.

ECL.2016/013. ESTUDIO DE FASE III, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LOS EFECTOS DE DALCETRAPIB SOBRE EL RIESGO CARDIOVASCULAR (CV) EN UNA POBLACIÓN DEFINIDA GENÉTICAMENTE CON SÍNDROME CORONARIO AGUDO RECIENTE (SCA): EL ENSAYO dal-GenE. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: MEDPACE INC.

ECL.2016/029. Estudio de fase III, aleatorizado, doble ciego y controlado con placebo para evaluar los efectos de dalcetrapib sobre el riesgo cardiovascular (CV) en una población definida genéticamente con síndrome coronario agudo reciente (SCA): el ensayo dal-GenE. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

ECL.20/724. ESTUDIO EN FASE IIB, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, DE GRUPOS PARALELOS PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE MEDI6570 EN PARTICIPANTES CON UN INFARTO DE MIOCARDIO PREVIO, INFLAMACIÓN PERSISTENTE Y NIVELES ELEVADOS DE PROHORMONA N-TERMINAL DEL PÉPTIDO NATRIURÉTICO CEREBRAL. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

ECL.17/213. FACTORES PREDICTIVOS DEL SHOCK CARDIOGÉNICO EN LOS PACIENTES CON INSUFICIENCIA CARDIACA AGUDA (PRE-SHOCK SCORE). PI: VIANA TEJEDOR, ANA.

ECL.20/439. KISS: Keep bifurcation single Stenting Simple (sencillez en la colocación de stents únicos en bifurcaciones). PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: CENTRE EUROPÉEN DE RECHERCHE CARDIOVASCULAIRE (CERC).

ECL.19/093. Registro Global SYMPPLICITY. PI: NÚÑEZ GIL, IVÁN JAVIER. Funding Organisation: MEDTRONIC BAKKEN RESEARCH CENTER B.V.

ECL.11/349. Registro Nacional Multicéntrico sobre síndrome de Tako Tsu-bo (Discinesia apical transitoria). PI: NÚÑEZ GIL, IVÁN JAVIER.

AFO.M04CNIC. TERCER CONVENIO DE COLABORACION CIENTIFICA PARA LA REALIZACION DE PROYECTOS DE INVESTIGACION EN EL AMBITO CLINICO DENTRO DEL CAMPO DE LAS ENFERMEDADES CARDIOVASCULARES. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: FUNDACION CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III CNIC.

ECL.2019/017. Un estudio de fase II, doble ciego, controlado con principio activo sobre la seguridad y la eficacia del ajuste de dosis de Firibastat (QGC001) comparado con Ramipril administrados por vía oral dos veces al día durante 12 semanas para prevenir la disfunción ventricular izquierda tras un infarto agudo de miocardio. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: PREMIER RESEARCH GROUP, S.L.

Distal Evaluation of Functional performance with Intravascular sensors to assess the Narrowing Effect – Combined pressure and Doppler FLOW velocity measurements . PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding Organisation: Academic Medical Center, Amsterdam University.

Estudio Observacional. Registro de producto sanitario. GRS DEFINE. PI: NÚÑEZ GIL, IVÁN JAVIER. Funding Organisation: Medtronic Bakken Research Center.

Denervación renal en disautonomía. REGISTRO RANSOM (Renal Arterial deNervation in Sympathetic dysautonomía). PI: NÚÑEZ GIL, IVÁN JAVIER. Funding Organisation: FIC.

REALITY:Cost-effectiveness and cost-utility of liberal vs restrictive red blood cell transfusion strategies in patients with acute myocardial infarction and anaemia. The REALITY (Restrictive And Liberal Transfusion strategies in patients with acute myocardial infarction) randomized trial . PI: . Funding Organisation: Sociedad Española de Farmacología Clínica y Sociedad Española de Cardiología.

REHABILITACION CARDIACA VIRTUAL: estudio piloto de un programa de rehabilitación cardiaca domiciliaria con nuevas tecnologías. Financiación con Ayudas de la Fundación Interhospitalaria para la Investigación Cardiovascular. Estado: fase de pre-inicio. PI: VIVAS BALCONES, LUIS DAVID. Funding Organisation: Fundación Interhospitalaria para la Investigación Cardiovascular.

HOPE-COVID19:Anticoagulation Therapy in Patients With Coronavirus Disease 2019: Results From a Multicenter International Prospective Re-



gistry (Health Outcome Predictive Evaluation for Corona Virus Disease 2019 [HOPE-COVID19]). PI: NUÑEZ GIL, IVÁN JAVIER.

REBOOT.TREatment with Beta-blockers after myOcardial infarction withOut reduced ejection fracTion (tratamiento con betabloqueantes tras infarto de miocardio sin fracción de eyección reducida) CNIC. PI: FERNANDEZ ORTIZ ANTONIO. Funding Organisation: CNIC.

SCAPA: Registro de pacientes con Síndrome Coronario Agudo en Pacientes Anticoagulados. PI: VIANA TEJEDOR, ANA.

REGISTRO INSUFICIENCIA CARDIACA HOSPITALARIA: adherencia de las nuevas guías de práctica clínica de Insuficiencia cardiaca en una población hospitalaria. PI: VIVAS BALCONES, LUIS DAVID.

Registro de pacientes que acuden a alta resolución. PI: VIVAS BALCONES, LUIS DAVID. Funding Organisation: Hospital Clínico San Carlos.

Registro de pacientes con insuficiencia tricuspide que ingresan en planta de hospitalización. PI: VIVAS BALCONES, LUIS DAVID. Funding Organisation: Hospital Clínico San Carlos.

Registro de pacientes con cardiotoxicidad derivados a consulta monográfica. PI: VIVAS BALCONES, LUIS DAVID. Funding Organisation: Hospital Clínico San Carlos.

Registro de pacientes anticoagulados que ingresan en planta de hospitalización. PI: VIVAS BALCONES, LUIS DAVID. Funding Organisation: Hospital Clínico San Carlos.

Registro de pacientes con derrame pericárdico y PET-CT que ingresan en planta de hospitalización. PI: VIVAS BALCONES, LUIS DAVID. Funding Organisation: Hospital Clínico San Carlos.

Registro Nacional Multicéntrico sobre Síndrome de Takotsubo (RETAKO). Sociedad Española de Cardiología. PI: NUÑEZ GIL, IVÁN JAVIER. Funding Organisation: SEC.

TAKO BRIAN:Tako-Tsubo-Brain Project. Estudio para identificar los mecanismos psicológicos, neuropsicológicos del SD de Tako-Subo (FIS). PI: NUÑEZ GIL, IVÁN JAVIER. Funding Organisation: FIS.

REFORM TRIAL: A prospective, Randomized, non-Inferiority Trial to Determine the Safety and Efficacy of the Biolimus A9TM Drug Coated Balloon for the Treatment of in-Stent Restenosis. First-in-Man Trial. PI: FERNANDEZ ORTIZ ANTONIO. Funding Organisation: BIOSENSOR.

PACIFIC AMI TRIAL: Randomized, placebo controlled, double-blind, parallel group, dose-finding Phase 2 study to evaluate the efficacy and safety of BAY 2433334 in participants following an acute myocardial infarction. PI: FERNANDEZ ORTIZ ANTONIO. Funding Organisation: BAYER HISPANIA, S.L.U.

CV.10 Myocardial Regeneration Therapy

COMPETITIVE FUNDING

FIS.171685. Evaluación de los factores biológicos asociados a la trombosis valvular como causa de disfunción protésica precoz en pacientes con estenosis aórtica severa sometidos a TAVI. PI: JIMÉNEZ QUEVEDO, PILAR. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.181297. Utilidad de la amiodarona en la prevención de la fibrilación auricular de nueva aparición después del implante de una válvula aórtica transcatheter: ensayo clínico aleatorizado. PI: NOMBELA FRANCO, LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

CM21/00091. RRRH Río Hortega: Gabriela Tirado. PI: NOMBELA FRANCO, LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.14/191. IMPLANTE PERCUTANEO DE PROTESIS AÓRTICA (IPPVA) EN PACIENTES CON ESTENOSIS AÓRTICA DE BAJO FLUJO Y BAJO GRADIENTE. REGISTRO PROSPECTIVO MULTICENTRICO, TOPAS TAVI. PI: NOMBELA FRANCO, LUIS.

ECL.20/492. Comparison of Anticoagulation with Left Atrial Appendage Closure after AF Ablation (OPTION). PI: NOMBELA FRANCO, LUIS.

ECL.21/032. DAPAGLIFLOZINA DESPUÉS DEL IMPLANTE DE PRÓTESIS VALVULAR AÓRTICA PERCUTÁNEA (DAPATAVI). PI: NOMBELA FRANCO, LUIS.

ECL.20/576. Discontinuation of Antithrombotic Treatment Following Patent Foramen Ovale Closure in Young Patients with Cryptogenic Stroke. The HALTI trial. PI: NOMBELA FRANCO, LUIS.

ECL.16/567. DISPOSITIVOS IMPLANTABLES ENDOVASCULARES PARA EL CIERRE DE LA OREJUELA AURICULAR IZQUIERDA. PI: NOMBELA FRANCO, LUIS.

ECL.17/157. Edoxaban vs. el tratamiento estándar y sus efectos en los resultados clínicos de pacientes que se han sometido a una cirugía de implante de válvula aórtica transcatheter - en fibrilación auricular (Edoxaban Versus Standard of Care and Their Effects on Clinical Outcomes in Patients Having Undergone Transcatheter Aortic Valve Implantation ? In Atrial Fibrillation). PI: JIMÉNEZ QUEVEDO, PILAR.

ECL.18/502. El registro CONFIDENCE CONTROLLED delivery For Improved outcomEs with clíNical Evidence (Administración controlada para la mejora de resultados con evidencias clínicas). PI: NOMBELA FRANCO, LUIS. Funding Organisation: SJM COORDINATION CENTER BVBA.

ECL.14/362. EL SHUNT V-WAVE PARA LA DESCOMPRESIÓN AURICULAR IZQUIERDA EN PACIENTES CON INSUFICIENCIA CARDIACA CRONICA AVANZADA: ESTUDIO FIRST-IN-MAN DE VIABILIDAD Y SEGURIDAD

THE V-WAVE SHUNT FOR 'LEFT ATRIAL DECOMPRESSION' IN PATIENTS WITH ADVANCED CHRONIC HEART FAILURE: FIM SAFETY AND FEASIBILITY STUDY. PI: NOMBELA FRANCO, LUIS.

ECL.21/273. INVESTIGACIÓN CLÍNICA VANTAGE: EVALUACIÓN DE TAVR UTILIZANDO LA VÁLVULA NAVITOR EN UNA INVESTIGACIÓN GLOBAL. Evaluation of TAVR using the NAVITOR valve in a Global Investigation. PI: NOMBELA FRANCO, LUIS.

ECL.14/024. MONITORIZACIÓN ELECTROCARDIOGRÁFICA AMBULATORIA PARA LA DETECCIÓN DE BLOQUEO AURÍCULO-VENTRICULAR DE ALTO GRADO EN PACIENTES QUE DESARROLLAN UN BLOQUEO DE RAMA IZQUIERDA PERSISTENTE TRAS EL REPLAZO DE LA VÁLVULA AÓRTICA POR VÍA PERCUTÁNEA. ESTUDIO MARE. PI: NOMBELA FRANCO, LUIS.

ECL.18/217. Reducción de los síntomas de congestión pulmonar utilizando la derivación V-wave en la insuficiencia cardiaca avanzada. PI: NOMBELA FRANCO, LUIS. Funding Organisation: V-WAVE LTD.

CV.11 Cardiovascular Risk

COMPETITIVE FUNDING

DGG.PAID.18. AIRTEC-CM: EVALUACIÓN INTEGRAL DE LA CALIDAD DEL AIRE URBANO Y CAMBIO CLIMÁTICO. PI: GÓMEZ GARRE, DULCENOMBRE. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

DGG.F0ISEA. Identificación de un perfil de microbiota intestinal asociado al riesgo de desarrollo de aterosclerosis coronaria en sujetos sin enfermedad cardiovascular previa. PI: GÓMEZ GARRE, DULCENOMBRE. Funding Organisation: SOCIEDAD ESPAÑOLA DE ARTERIOSCLEROSIS.

MMB.C01FEMII9. Estratificación pronóstica y terapéutica mediante la escala PROFUND en pacientes pluripatológicos con Insuficiencia Cardíaca. Registro PROFUND-IC. PI: MENDEZ BAILON, MANUEL. Funding Organisation: SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA (SEMI).

AEF.SEC.17. Estudio de la relación entre inflamación y microbiota intestinal en el desarrollo y progresión de la insuficiencia cardiaca. PI: GÓMEZ GARRE, DULCENOMBRE. Funding Organisation: SOCIEDAD ESPAÑOLA DE CARDIOLOGÍA.

ACA.C01FEMII9. ESTUDIO PILOTO EN TRES CENTROS DE LA PROVINCIA DE SEGOVIA DE UNA COHORTE EN SEGUIMIENTO. ESTUDIO DE SINDROME METABOLICO, DIETA Y CARACTERIZACIÓN DE LA MICROBIOTA INTESTINAL. PI: CORBATÓN ANCHUELO, ARTURO. Funding Organisation: SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA (SEMI).

DGG.P04.PAIE.20. PROGRAMA DE APOYO A PROYECTOS DE INVESTIGADORES ESTABILIZADOS: Identificación de nuevas dianas para el diagnóstico no invasivo de la disfunción de la microcirculación coronaria en pacientes con cardiopatía isquémica estable. PI: GÓMEZ GARRE, DULCENOMBRE. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL CLINICO SAN CARLOS.

DGG.C01GIL.17. UNDERSTANDING THE MOLECULAR MECHANISMS OF HIV-ASSOCIATED ATHEROSCLEROSIS. PI: GÓMEZ GARRE, DULCENOMBRE. Funding Organisation: GILEAD SCIENCES, S.L.

PI21/00838. Comunicación huésped-microbiota intestinal a través de vesículas extracelulares en el desarrollo y progresión de la insuficiencia cardíaca. Búsqueda de nuevos biomarcadores. PI: GÓMEZ GARRE, DULCENOMBRE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

20/512-E_COVID. Alteración de la respuesta inmune mediada por el zinc en pacientes con infección aguda por SARS-CoV-2. PI: CORBATÓN ANCHUELO, ARTURO. Funding Organisation: CORBATÓN ANCHUELO, ARTURO.

NON COMPETITIVE FUNDING

ECL.15/344. Estudio a largo plazo, aleatorizado, doble ciego, controlado con placebo para determinar el efecto de Albiglutida, cuando se añade al tratamiento hipoglucemiante estándar, sobre eventos cardiovasculares mayores en pacientes con Diabetes Mellitus Tipo2. PI: MARTELL CLAROS, NIEVES.

MCN.F01LDES. INVESTIGACION UNIDAD HIPERTENSIÓN ARTERIAL. PI: MARTELL CLAROS, NIEVES. Funding Organisation: LABORATORIOS ESTEVE S.A.

NMC.C01SER. Colaboración programa formación Curso de Interpretación y manejo del MAPA y del ITB,. PI: MARTELL CLAROS, NIEVES. Funding Organisation: LABORATORIOS SERVIER, S.L.

ECL.20/332. EFECTO DE LOS PROBIÓTICOS EN EL RIESGO DE INFECCIÓN POR SARS-CoV-2 Y SUS COMPLICACIONES EN POBLACIONES ALTAMENTE EXPUESTAS. PI: GÓMEZ GARRE, DULCENOMBRE. Funding Organisation: GÓMEZ GARRE, DULCENOMBRE.

ECL.20/718. Ensayo Clínico que evalúa la tromboprofilaxis óptima y las estrategias anticoagulantes en pacientes con neumonía COVID 19. PI: PEDRAJAS NAVAS, JOSE MARÍA.

ECL.2019/059. Estudio multicéntrico, aleatorizado, doble ciego y controlado con placebo para evaluar el impacto de evolocumab sobre los acontecimientos cardiovasculares mayores en los pacientes con enfermedad vascular sin infarto de miocardio o ictus previo. PI: REINARES GARCÍA, LEONARDO FÉLIX. Funding Organisation: AMGEN S.A.

ECL.16/557. Estudio no intervencionista sobre el tratamiento con edoxabán en la práctica clínica habitual para pacientes con fibrilación auricular no valvular. PI: MENDEZ BAILON, MANUEL. Funding Organisation: DAIICHI SANKYO ESPAÑA.

ECL.19/409. ESTUDIO PILOTO EN TRES CENTROS DE LA PROVINCIA DE SEGOVIA DE UNA COHORTE EN SEGUIMIENTO. Estudio de SINDROME METABOLICO, DIETA Y CARACTERIZACIÓN DE LA MICROBIOTA INTESTINAL. PI: CORBATÓN ANCHUELO, ARTURO. Funding Organisation: CORBATÓN ANCHUELO, ARTURO.

ECL.18/032. IDENTIFICACIÓN DE LOS MECANISMOS MOLECULARES DE LA ATROSCLEROSIS ASOCIADA A VIH. PI: GÓMEZ GARRE, DULCENOMBRE.

ECL.2019/129. Multi-center, blinded, randomized, PaRallel-group, Phase 3 study with aproClintentan inSubjects with Reslstant Hypertension (RHT). PI: MARTELL CLAROS, NIEVES.

ECL.21/146. An Observational, Non-interventional Study in Hyperlipidaemic Patients on Lipid Lowering Therapy (OSTRO) Estudio observacional y no intervencionista en pacientes hiperlipidémicos que reciben tratamiento hipolipemiante (OSTRO). PI: REINARES GARCÍA, LEONARDO FÉLIX. Funding Organisation: ASTRAZENCA FARMACEUTICA SPAIN S.A.

ECL.20/519(B). Tratamiento de pacientes dislipémicos con alto riesgo y muy alto riesgo para la prevención de eventos cardiovasculares en Europa - Estudio Multinacional Observacional (SANTORINI). PI: MENDEZ BAILON, MANUEL. Funding Organisation: ALPHA BIORESEARCH S.L.

INFLAMMATION, INFECTION, IMMUNITY AND ALLERGY

IIIA.1 Allergy

COMPETITIVE FUNDING

PI20/00219. Ensayo clínico multicéntrico, abierto, controlado, aleatorizado, para evaluar la eficacia de la aplicación OITcontrol en la monitorización de los pacientes en ITO con alimentos. PI: María José Goikoetxea Lapresa. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191095. Gravedad de las reacciones alérgicas: del fenotipo al endotipo. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

RED.16/0006/0009. Asma, Reacciones Adversas y Alérgicas (ARADYAL). PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI19/01273. Estudio de la alteración de la barrera mucosa en las enfermedades alérgicas. PI: Miguel Angel Diaz Palacios. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI19/00497. Aproximación genómica, transcriptómica y epigenómica al estudio de Biomarcadores diagnósticos y pronósticos en el Síndrome de la Enterocolitis Inducida por Proteínas Alimentarias (Proyecto BIO-FPIES). PI: Alberto Gomez Carballa. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI19/00044. Patología alérgica grave: validación de biomarcadores y nuevas estrategias de intervención (VABMAN). PI: Domingo Barber Hernandez. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.15/334. ESTUDIO OBSERVACIONAL SOBRE EL CONTROL DE LA RINITIS ALÉRGICA MODERADA/GRAVE EN ESPAÑA. PI: GONZÁLEZ GUTIÉRREZ, MARIA LUISA.

ECL.16/202. Efecto de la intervención 'escalera de la leche' en el desarrollo de tolerancia y en el reconocimiento de epítomos de células B en niños alérgicos a proteínas de leche de vaca. PI: CERECEDO CARBALLO, INMACULADA.

ECL.17/491. ESTUDIO MULTICÉNTRICO, ABIERTO, DE SEGURIDAD A LARGO PLAZO DE LA INMUNOTERAPIA CARACTERIZADA POR LA DESENSIBILIZACIÓN ORAL DE ARI01 EN LOS SUJETOS QUE PARTICIPARON EN UN ESTUDIO ANTERIOR SOBRE ARI01. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Funding Organisation: AIMMUNE THERAPEUTICS UK LIMITED.

ECL.21/607. ESTUDIO OBSERVACIONAL RETROSPECTIVO MULTICÉNTRICO PARA EVALUAR LA TOLERABILIDAD DE LA INMUNOTERAPIA SUBCUTÁNEA CON ALÉRGENO MAYOR CUPRESSUS ARIZONICA, CUP A 1, EN PACIENTES CON RINOCONJUNTIVITIS ALERGICA CON O SIN ASMA CONTROLADA SENSIBILIZADOS AL POLEN DE CUPRESÁCEA. PI: CIMARRA ÁLVAREZ-LOWELL, MARÍA MERCEDES.

IIIA.2 Genetics and molecular bases of complex diseases

COMPETITIVE FUNDING

CNP.YEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio cofinanciadas por el Fondo Social Europeo a través del Programa Operativo de Empleo Juvenil y la Iniciativa de Empleo Juvenil (YEI). PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

CNP.FACE.17. Búsqueda de marcadores diagnósticos en enfermedad celíaca: estudio molecular tras provocación con gluten. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding Organisation: FEDERACIÓN DE ASOCIACIONES DE CELÍACOS DE ESPAÑA (FACE).

CNP.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.



EUG.CPP19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: URCELAY GARCÍA, ELENA. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

G04.AidISSC15. Ayudas para proyectos IdISSC 2015. Cofinanciación de contratos posdoctoral de RRHH para apoyo a la investigación del Grupo de Inmunología/Microbiología. PI: URCELAY GARCÍA, ELENA. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL CLINICO SAN CARLOS.

FIS.180989. Enfermedad celíaca seronegativa: caracterización y búsqueda de biomarcadores. Aplicación al estudio de enfermedad inflamatoria intestinal. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.161259. ESCLEROSIS MULTIPLE DE LOS POLIMORFISMOS DE RIESGO A LAS RUTAS IMPLICADAS A TRAVES DEL TRANSCRIPTOMA. PI: URCELAY GARCÍA, ELENA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI20/01634. Explorando los orígenes del daño en Esclerosis Múltiple. PI: URCELAY GARCÍA, ELENA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FPU20/03387. FPU Adela González Jiménez. PI: URCELAY GARCÍA, ELENA. Funding Organisation: MINISTERIO DE CIENCIA E INNOVACION.

PEJ18/003125. Nuevas estrategias en cultivo celular. PI: URCELAY GARCÍA, ELENA. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

EUG.P04.PAIE.20. PROGRAMA DE APOYO A PROYECTOS DE INVESTIGADORES ESTABILIZADOS: Daño mitocondrial en pacientes con esclerosis múltiple primaria progresiva. PI: URCELAY GARCÍA, ELENA. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL CLINICO SAN CARLOS.

RED.16/0015/0013. Red Española de Esclerosis Múltiple. PI: URCELAY GARCÍA, ELENA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.20/668. A 2-year extension study to evaluate long-term effectiveness of Mavenclad® in participants who have completed Trial MS700568_0022 (MAGNIFY MS). Estudio de extensión de 2 años para evaluar la eficacia a largo plazo de Mavenclad® en participantes del ensayo MS700568_0022 (MAGNIFY MS). PI: OREJA GUEVARA, CELIA.

ECL.20/329. A Phase III, Multicenter, Randomized, Parallel Group, Double Blind, Double Dummy, Active Controlled Study of Evobrutinib Compared with Teriflunomide, in Participants with Relapsing Multiple Sclerosis to Evaluate Efficacy and Safety.II. PI: OREJA GUEVARA, CELIA.

COG.F01MERCK. APOYO PSICOLOGICO A PACIENTES CON ESCLEROSIS MULTIPLE REMITENTE RECURRENT EN FASES INICIALES. PI: OREJA GUEVARA, CELIA. Funding Organisation: MERCK, S.L.U.

CONV20/189. Colaboración PARA EL ESTUDIO* DE LOS DETERMINANTES GENÉTICOS Y BIOMARCADORES GENÓMICOS DE RIESGO ASOCIADOS A LA INFECCIÓN POR CORONAVIRUS SARS-COV-2. Estudio procedente del proyecto: Determinantes Genéticos y Biomarcadores Genómicos de Riesgo en Pacientes con Infección por Coronavirus SARS-COV-2 financiado por el FONDO – COVID19 del Instituto de Salud Carlos III. PI: URCELAY GARCÍA, ELENA. Funding Organisation: CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED CIBER."

EUG.COIEME. Convenio de colaboración para la realización del proyecto "Daño mitocondrial en pacientes con esclerosis múltiple primaria progresiva: correlación con la serología antiviral y niveles de CH3LI". PI: URCELAY GARCÍA, ELENA. Funding Organisation: ASOCIACIÓN ESCLEROSIS MÚLTIPLE ESPAÑA.

ECL.13/282. ENSAYO DE EXTENSIÓN ABIERTO DE FASE III SOBRE ECU-NMO-301 PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE EXULIZUMAB EN PACIENTES CON NEUROMIELITIS ÓPTICA (NMO) RECIDIVANTE. PI: OREJA GUEVARA, CELIA. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.13/283. ENSAYO MULTICENTRICO ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE ECLIZUMAB EN PACIENTES CON NEUROMIELITIS ÓPTICA (NMO) RECIDIVANTE. PI: OREJA GUEVARA, CELIA. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.15/091. ESTUDIO DE FASE 3, MULTICENTRICO, ALEATORIZADO, EN DOBLE CIEGO Y CONTROLADO CON PLACEBO, DE LA EFICACIA Y SE-

GUIDAD DE SA237, AÑADIDO AL TRATAMIENTO BASAL, EN PACIENTES CON NEUROMIELITIS ÓPTICA (NMO) O EL ESPECTRO DE TRASTORNOS DE LA NEUROMIELITIS ÓPTICA (ETNMO). PI: OREJA GUEVARA, CELIA.

ECL.14/390. ESTUDIO DE SEGUIMIENTO A LARGO PLAZO PARA PACIENTES CON ESCLEROSIS MULTIPLE QUE HAN COMPLETADO EL ESTUDIO DE EXTENSION DE ALEMTUZUMAB (CAMMS03409). PI: OREJA GUEVARA, CELIA.

ECL.12/344. ESTUDIO MULTICENTRICO, ALEATORIZADO, DOBLE CIEGO DE GRUPOS PARALELOS, CONTROLADO CON PLACEBO, CON DURACIÓN VARIABLE DEL TRATAMIENTO, QUE EVALUA LA EFICACIA Y SEGURIDAD DE SIPONIMOD (BAF312) EN PACIENTES CON ESCLEROSIS MULTIPLE SECUNDARIA PROGRESIVA SEGUIDO POR UNA EXTENSIÓN DEL TRATAMIENTO EN ABIERTO DE BAF312. PI: OREJA GUEVARA, CELIA.

ECL.16/274. ESTUDIO MULTICENTRICO, INTERNACIONAL, RETROSPECTIVO Y OBSERVACIONAL PARA CARACTERIZAR LOS RESULTADOS CLINICOS EN EL MUNDO REAL DE LOS PACIENTES CON ESCLEROSIS MULTIPLE RECURRENT REMITENTE TRATADOS CON TRATAMIENTOS MODIFICADORES DE LA ENFERMEDAD. PI: OREJA GUEVARA, CELIA.

ECL.19/269. DAÑO MITOCONDRIAL EN PACIENTES CON ESCLEROSIS MULTIPLE PRIMARIA PROGRESIVA: CORRELACIÓN CON LA SEROLOGÍA ANTIVIRAL Y NIVELES DE CH3LI. PI: URCELAY GARCÍA, ELENA.

ECL.16/127. ESTUDIO ABIERTO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE OCRELIZUMAB EN PACIENTES CON ESCLEROSIS MULTIPLE REMITENTE RECIDIVANTE QUE TIENEN UNA RESPUESTA SUBOPTIMA A UN CICLO ADECUADO DE TRATAMIENTO MODIFICADOR DE LA ENFERMEDAD. PI: OREJA GUEVARA, CELIA. Funding Organisation: ROCHE FARMA S.A.U.

ECL.21/033. ESTUDIO ABIERTO, ALEATORIZADO, CON EVALUADOR CIEGO, MULTICENTRICO, DE BRAZOS PARALELOS, CON COMPARADOR ACTIVO PARA EVALUAR LA EFICACIA Y TOLERABILIDAD DE OFATUMUMAB 20 MG S.C. ADMINISTRADO MENSUALMENTE VS. TME DE PRIMERA LÍNEA A ELECCIÓN DEL MÉDICO EN EL TRATAMIENTO DE PACIENTES CON ESCLEROSIS MÚLTIPLE RECURRENT (EMR) DE RECIENTE DIAGNÓSTICO (STHENOS). PI: OREJA GUEVARA, CELIA.

ECL.20/627. ESTUDIO ABIERTO, MULTICÉNTRICO Y DE UN SOLO GRUPO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA A LARGO PLAZO DE SATRALIZUMAB (SA237) EN PACIENTES CON UN TRASTORNO DEL ESPECTRO DE LA NEUROMIELITIS ÓPTICA (TENMO) A MULTICENTER, SINGLE ARM, OPEN-LABEL STUDY TO EVALUATE THE LONG-TERM SAFETY AND EFFICACY OF SATRALIZUMAB IN PATIENTS WITH NEUROMYELITIS OPTICA SPECTRUM DISORDER (NMOSD). PI: OREJA GUEVARA, CELIA.

ECL.2018/125. Estudio aleatorizado, doble ciego, controlado con placebo, de 3 brazos con grupos paralelos, y de 36 semanas de duración para evaluar la seguridad y tolerabilidad de ORY-2001 en pacientes con Esclerosis Múltiple Remitente- Recurrente (EMRR) y Esclerosis Múltiple Secundaria Progresiva. Estudio SATEEN. PI: OREJA GUEVARA, CELIA. Funding Organisation: ORYZON GENOMICS S.A.

ECL.2016/028. Estudio aleatorizado, doble ciego, doble enmascarado, de grupos paralelos para comparar la eficacia y seguridad de ofatumumab frente a teriflunomida en pacientes con esclerosis múltiple que cursa con brotes. PI: OREJA GUEVARA, CELIA. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.2018/114. Estudio de extensión abierto, de brazo único y multicéntrico, para evaluar la seguridad, tolerabilidad y eficacia a largo plazo de ofatumumab, en pacientes con esclerosis múltiple que cursa con brotes. PI: OREJA GUEVARA, CELIA. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.21/388. ESTUDIO DE FASE IV, MULTICÉNTRICO Y ABIERTO PARA EVALUAR LA CONCENTRACIÓN DE LINFOCITOS B EN LACTANTES DE MUJERES EN PERÍODO DE LACTANCIA AFECTADAS DE SCA O EM QUE RECIBEN OCRELIZUMAB (ESTUDIO SOPRANINO). PI: OREJA GUEVARA, CELIA.

ECL.20/430. Estudio en fase 3, aleatorizado, doble ciego para evaluar la eficacia y seguridad del tratamiento con SAR442168 frente a teriflunomida (Aubagio®) en pacientes con esclerosis múltiple recidivante (GEMINI 2). PI: OREJA GUEVARA, CELIA. Funding Organisation: SANOFI AVENTIS, S.A.

ECL.20/018. Estudio multicéntrico, abierto, controlado con placebo externo y de fase III para evaluar la eficacia y la seguridad de ravulizumab en pacientes adultos con trastorno del espectro de neuromielitis óptica (NMOSD). PI: OREJA GUEVARA, CELIA. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.20/210. ESTUDIO MULTICÉNTRICO, ABIERTO, PROSPECTIVO Y DE BRAZO ÚNICO PARA EVALUAR LA EFECTIVIDAD DEL TRATAMIENTO CON OFATUMUMAB Y LOS RESULTADOS COMUNICADOS POR EL PACIENTE, EN PACIENTES CON ESCLEROSIS MÚLTIPLE RECURRENTE (EMR) QUE PASAN DE TERAPIAS APROBADAS PARA LA EMR BASADAS EN FUMARATO O FINGOLIMOD A OFATUMUMAB. PI: OREJA GUEVARA, CELIA. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.19/131. Estudio observacional transversal con recogida de datos retrospectivos para valorar la carga de la Esclerosis Múltiple Secundaria Progresiva. PI: OREJA GUEVARA, CELIA. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.20/224. Estudio observacional, transversal, no-intervencionista y multicéntrico para la caracterización de la marcha en pacientes con Esclerosis Múltiple Remitente-Recurrente y Esclerosis Múltiple Secundaria Progresiva medida por el sistema de sensores integrados en plantillas FeetMe®. PI: OREJA GUEVARA, CELIA. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.15/291. ESTUDIO POSTAUTORIZACIÓN DE SEGURIDAD, ROSPECTIVO, MULTICÉNTRICO Y OBSERVACIONAL PARA EVALUAR EL PERFIL DE SEGURIDAD A LARGO PLAZO DEL TRATAMIENTO CON LEMTRADA® (ALEMTUZUMAB) EN PACIENTES CON FORMAS RECIDIVANTES DE ESCLEROSIS MÚLTIPLE. PI: OREJA GUEVARA, CELIA.

ECL.18/061. Estudio prospectivo, de dos años de duración, para evaluar el inicio de acción de Mavenclad® en sujetos con esclerosis múltiple recidivante de elevada actividad. PI: OREJA GUEVARA, CELIA. Funding Organisation: PAREXEL INTERNATIONAL (IRL) LIMITED.

ECL.20/807. EVALUACIÓN Y SELECCIÓN DE MÉTODOS PARA DIAGNOSTICAR LA ENFERMEDAD CELÍACA EN INDIVIDUOS EN DIETA SIN GLUTEN. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN.

ECL.20/740. EXPLORANDO LA DISFUNCIÓN MITOCONDRIAL: ¿EL ORIGEN DE LA ESCLEROSIS MÚLTIPLE?. PI: URCELAY GARCÍA, ELENA.

CNP.C01ROC. Financiación por Roche de la Convocatoria de RRHH Stop Fuga cerebros. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding Organisation: ROCHE FARMA S.A.U.

ECL.16/066. Registro español de pacientes tratados con acetato de glatiramer (Copaxone®) 40 mg/ml. PI: OREJA GUEVARA, CELIA. Funding Organisation: DYNAMIC SCIENCE S.L.

COG.F01BIO. APOYO A LOS PACIENTES CON ESCLEROSIS MÚLTIPLE PARA MEJORAR LA CALIDAD DE VIDA DESDE EL HOSPITAL. PI: OREJA GUEVARA, CELIA. Funding Organisation: FUNDACION BIOGEN IDEC.

COG.M01NOV. Evaluación de la utilidad de la resonancia magnética (RM) la y tomografía de coherencia óptica (OCT) en la identificación precoz de daño axonal y neurodegeneración en pacientes con esclerosis múltiple remitente recurrente (EMRR). PI: OREJA GUEVARA, CELIA. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

COG.F03BIO. Proyecto de desarrollo de registro de esclerosis múltiple secundaria progresiva y neuromielitis óptica, en el Servicio de Neurología del Hospital Clínico San Carlos. PI: OREJA GUEVARA, CELIA. Funding Organisation: FUNDACION BIOGEN IDEC.

CONV21/118. Convenio para la adscripción por la UNIVERSIDAD del personal investigador con la finalidad de que el mismo pueda acceder a las instalaciones del HCSC para colaborar con la IP en la ejecución del HCSC de un proyecto de investigación Coordinado por la Univ Coruña. PI: OREJA GUEVARA, CELIA. Funding Organisation: CENTRO INVESTIGACIÓN TIC DE LA UNIVERSIDAD DE LA CORUÑA.

ECL.21/395. ESTUDIO CLÍNICO EN FASE IV, MULTICÉNTRICO Y ABIERTO, PARA EVALUAR LA CONCENTRACIÓN DE LINFOCITOS B EN NIÑOS POTENCIALMENTE EXPUESTOS AL OCRELIZUMAB DURANTE EL EMBARAZO; ESTUDIO MINORE. PI: OREJA GUEVARA, CELIA.

IIIA.3 Musculoskeletal Pathology

COMPETITIVE FUNDING

INT19/00035. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: BENJAMIN FERNANDEZ GUTIERREZ. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EUR.COVIDX. COVID eXponential Programme. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: COMISIÓN EUROPEA.

LRR.SORCOM.20. Desarrollo de un sistema de autoevaluación de actividad inflamatoria en polo posterior ocular para pacientes con uveítis no infecciosa. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: SOCIEDAD DE REUMATOLOGÍA DE LA COMUNIDAD DE MADRID SORCOM.

ICI19/00020. Eficacia, seguridad y coste-efectividad del metotrexato, adalimumab, o su combinación en uveítis no anterior no infecciosa: un estudio multicéntrico, aleatorizado, paralelo de 3 brazos, con control activo, de fase 3, abierto, con evaluador cegado: Co-THEIA (CombinationTherapy with mEthotrexate and adallmumAb for uveitis) -- Efficacy, safety and cost-effectiveness of methotrexate, adalimumab, or their combination in non infectious non anterior uveitis: a multicenter, randomized, parallel 3 arm, active-controlled, phase 3 open label with blinded outcome assessment study. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI20/01221. Estudio de la evolución y factores asociados a la Calidad de Vida relacionada con la visión y con la salud en sujetos con uveítis no infecciosa: un análisis longitudinal. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.180026. Exploración y validación de nuevas dianas terapéuticas de la vía Wnt/β-catenina para modular el potencial regenerativo de Células Madre Mesenquimales en la artrosis. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.181188. Predicción en la evolución de la Artritis Reumatoide mediante técnicas de "machine learning. PI: ABÁSULO ALCAZAR, LYDIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EUR.PREDIRA. PRediction mEdical Devlce for Rheumatoid Arthritis. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY (EIT).

RED.16/0012/0004. Red de Investigación en Inflamación y Enfermedades Reumáticas (RIER). PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

CPII17/00014. RRHH "Miguel Servet II" Luis Rodriguez Rodríguez. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.160549. Tratamiento artroscópico de las lesiones del manguito rotador mediante el trasplante alogénico de células madre mesenquimales de lipoaspirado. PI: LOPIZ MORALES, YAIZA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EUR.VALUE. Value based healthcare supported by process mining tools. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY (EIT).

NON COMPETITIVE FUNDING

ECL.18/118. A Post-Market Domestic (US) and International Data Collection to Assess the Optetrak® Knee System" (Recogida de datos global post comercialización para valorar el sistema de rodilla Optetrak" de fecha 10 de Octubre de 2012. PI: MARCO MARTÍNEZ, FERNANDO.

ECL.20/137. CARACTERIZACIÓN Y CUSO CLÍNICO DE PACIENTES CON ENFERMEDAD PULMONAR INTERSTICIAL DIFUSA (EPID) DE ORIGEN AUTOINMUNE EN LA PRÁCTICA CLÍNICA DIARIA. DATOS DEL REGISTRO MULTICÉNTRICO NEREA. PI: ABÁSULO ALCAZAR, LYDIA.

CONV20/025. Convenio colaboración proyecto de evaluación del procedimiento de gestión de solicitud de pruebas para medir la mejora de las peticiones y de gestión de tiempos de demora. PI: NIETO BARBERO, MARÍA ASUNCIÓN. Funding Organisation: BOEHRINGER INGELHEIM ESPAÑA S.A.

BFG.C04ROC. Convenio de Colaboración para la financiación del "Plan de publicaciones 2019-2020 de la Unidad de Gestión Clínica de Reumatología del Hospital Clínico San Carlos de Madrid". PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: ROCHE FARMA S.A.U.

ECL.14/054. ESTUDIO DE EXTENSIÓN FASE 2, MULTICENTRICO Y ABIERTO (EEA) EN PACIENTES CON ARTRITIS REUMATOIDE QUE HAN COMPLETADO EL ESTUDIO CONTROLADO Y ALEATORIZADO (ECA) EN FASE 2 CON ABT-494 PRECEDENTE. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.



ECL.16/129. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO COMPARANDO ABT-494 15MG UNA VEZ AL DIA EN MONOTERAPIA Y ABT-494 30 MG UNA VEZ AL DIA EN MONOTERAPIA FRENTE A METOTREXATO (MTX) EN MONOTERAPIA EN SUJETOS NO TRATADOS PREVIAMENTE CON MTX CON ARTRITIS REUMATOIDE ACTIVA MODERADA A GRAVE. PI: JOVER JOVER, JUAN ÁNGEL. Funding Organisation: ABBVIE SPAIN, S.L.U.

ECL.15/558. Estudio de fase 3, aleatorizado, doble ciego comparando ABT-494 con placebo en sujetos con artritis reumatoide activa moderada a grave que reciben una dosis estable de fármacos antirreumáticos modificadores de la enfermedad sintéticos convencionales (FARMEsc) y que no han respondido de forma adecuada a FARMEsc. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: ABBVIE SPAIN, S.L.U.

CEEA.13/1-II. ESTUDIO DE LA REPARACIÓN DE LAS LESIONES DEL MANGUITO ROTADOR MEDIANTE COMPUESTOS TRANSPORTADOR-RH-BMP-CELULAS. PI: MARCO MARTÍNEZ, FERNANDO.

ANB.C01BOE. Proyecto de colaboración para la mejora de la gestión del diagnóstico en paciente con FPI. PI: NIETO BARBERO, MARÍA ASUNCIÓN. Funding Organisation: BOEHRINGER INGELHEIM ESPAÑA S.A.

ECL.20/733. COVID-X: COVID eXponential Programme. PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

ECL.2018/123. Ensayo multicéntrico de fase III aleatorizado, doble ciego, de grupos paralelos y controlado por placebo para evaluar la eficacia y la seguridad de 2 dosis de GLPG1690 en adición al tratamiento habitual durante al menos 52 semanas en sujetos con fibrosis pulmonar idiopática. PI: NIETO BARBERO, MARÍA ASUNCIÓN. Funding Organisation: PPD INVESTIGATOR SERVICES LLC.

ECL.19/111. ESTUDIO DE ADAPTACIÓN DEL CUESTIONARIO QUALISEX PARA PACIENTES CON ARTRITIS REUMATOIDE EN ESPAÑA. PROYECTO ADAPTACIÓN-QUALISEX. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: FUNDACION ESPAÑOLA DE REUMATOLOGIA.

ECL.21/472. ESTUDIO DE FASE IV, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO QUE EVALÚA LA EFICACIA Y LA SEGURIDAD DE GUSELKUMAB ADMINISTRADO POR VÍA SUBCUTÁNEA EN PACIENTES QUE NO HAN RECIBIDO TRATAMIENTO BIOLÓGICO PREVIO CON ARTRITIS PSORIÁSICA AXIAL ACTIVA. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

ECL.20/739. ESTUDIO DE LA EVOLUCIÓN Y FACTORES ASOCIADOS A LA CALIDAD DE VIDA RELACIONADA CON LA VISIÓN Y CON LA SALUD EN SUJETOS CON UVEÍTIS NO INFECCIOSA: UN ANÁLISIS LONGITUDINAL. PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

ECL.21/192. ESTUDIO FASE 2 MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO DE LA EFICACIA, SEGURIDAD Y TOLERABILIDAD DE BMS-986278 EN PACIENTES CON FIBROSIS PULMONAR. PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.21/370. ESTUDIO MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, TOLERABILIDAD, FARMACOCINÉTICA, FARMACODINAMIA Y EFICACIA DE MÚLTIPLES DOSIS DE JNJ-67484703 EN SUJETOS CON ARTRITIS REUMATOIDE ACTIVA CON RESPUESTA INADECUADA A METOTREXATO. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

ECL.20/448. Estudio observacional de la persistencia del tratamiento en la artritis psoriásica (Psoriatic Arthritis Observational Study of Persistence of Treatment) (Estudio PRO-SPIRIT). PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.19/120. GALACTIC-1 - Estudio de fase IIb, aleatorizado, doble ciego, multicéntrico, con grupos paralelos, controlado con placebo en pacientes con fibrosis pulmonar idiopática (FPI) para investigar la eficacia y la seguridad de TD139, un inhibidor de la galectina-3 inhalado administrado mediante un inhalador de polvo seco durante 52 semanas. PI: NIETO BARBERO, MARÍA ASUNCIÓN. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.19/191. PREDIRA. Dispositivo Médico para predicción en Artritis Reumatoide (PRediction mEdical Device for Rheumatoid Arthritis): Scale-up de una plataforma predictiva on-line que mejora la calidad de vida del paciente con Artritis Reumatoide mediante la prescripción personalizada y eficiente de Medicamentos Biológicos. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

ECL.20/441. Value based healthcare supported by process mining tools (Atención sanitaria basada en el valor respaldada por herramientas de minería de procesos) SUBTÍTULO: Identificación mediante herramientas

de minería de procesos de las vías asistenciales seguidas por pacientes con enfermedades musculoesqueléticas en una zona de referencia sanitaria del Sistema Madrileño de Salud: Un Piloto del Proyecto VALUE. PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

ECL.21/008. VERSIÓN ESPAÑOLA DE LA ESCALA DE CONSTANT: VALIDACIÓN Y ADAPTACIÓN TRANSCULTURAL. ESTABLECIMIENTO DE LOS VALORES DE REFERENCIA PARA LA POBLACIÓN ESPAÑOLA. PI: LOPIZ MORALES, YAIZA.

ECL.20/254. Zephyrus II: Estudio de fase III/3, aleatorizado, doble ciego, controlado con placebo, de eficacia y seguridad de pamrevlumab en sujetos con fibrosis pulmonar idiopática (FPI)II. PI: NIETO BARBERO, MARÍA ASUNCIÓN. Funding Organisation: INTERNATIONAL GRANTS ADMINISTRATION INC.

ECL.20/673. Desarrollo de un sistema de autoevaluación de actividad inflamatoria en polo posterior ocular para pacientes con uveítis no infecciosa. PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

ECL.20/533. Estudio preliminar de eficacia en fase II, multicéntrico, aleatorizado, doble ciego y controlado con placebo para evaluar guselkumab para el tratamiento de pacientes con arteritis de células gigantes de nueva aparición o recidivante. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

IIIA.7 Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest

NON COMPETITIVE FUNDING

ECL.2019/055. A Phase 3, Multicenter, Randomized, Double-blind Study of the Efficacy and Safety of Rezafungin for Injection versus Intravenous Caspofungin Followed by Optional Oral Fluconazole Step-down in the Treatment of Subjects with Candidemia and/or Invasive Candidiasis (The ReSTORE Study). PI: MERINO AMADOR, PALOMA. Funding Organisation: PSI CRO AG.

ECL.19/280. BEZLOTOXUMAB -EN "VIDA REAL"- DURANTE EL PRIMER EPISODIO DE INFECCIÓN POR CLOSTRIDIUM DIFFICILE EN PACIENTES CON ALTO RIESGO DE RECURRENCIA. ESTUDIO BEFORE. PI: MERINO AMADOR, PALOMA.

ECL.21/079. MAPEO NACIONAL DE CARBAPENEMASAS EN ESPAÑA. ESTUDIO CARBA-MAP. PI: LOPEZ GONZALEZ, LAURA.

ECL.21/193. RESPUESTA INMUNOLÓGICA A LA VACUNA DE AstraZeneca. ESTUDIO COMPARATIVO CON LA VACUNA DE Pfizer. PI: CULEBRAS LÓPEZ, ESTHER.

ECL.21/071. RESPUESTA INMUNOLÓGICA A LA VACUNA DE Pfizer DEL PERSONAL SANITARIO: DIFERENCIAS ENTRE INDIVIDUOS QUE HAN PASADO COVID Y AQUELLOS QUE NUNCA HAN SUFRIDO LA INFECCIÓN. PI: DELGADO-IRIBARREN GARCIA-CAMPERO, ALBERTO.

ECL.21/104. RESPUESTA INMUNOLÓGICA A LA VACUNA DE Pfizer EN POBLACIÓN GERIÁTRICA INSTITUCIONALIZADA: DIFERENCIAS ENTRE INDIVIDUOS QUE HAN PASADO COVID Y AQUELLOS QUE NUNCA HAN SUFRIDO LA INFECCIÓN. PI: CULEBRAS LÓPEZ, ESTHER.

IIIA.8 Kidney transplant

COMPETITIVE FUNDING

ASF.FMM.21. EFICACIA DE LA VACUNACION FRENTE A SARS-COV-2 EN UNA COHORTE DE TRASPLANTADOS RENALES. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL. Funding Organisation: FUNDACION DE INVESTIGACIÓN MEDICA MUTUA MADRILEÑA.

IPF.SMT.21. Impacto de los Inhibidores del Cotransportador Sodio-Glucosa 2 en la función mitocondrial en receptores de trasplante renal con Diabetes Mellitus tipo 2. PI: PÉREZ FLORES, ISABEL. Funding Organisation: SOCIEDAD MADRILEÑA DE TRASPLANTES.

NON COMPETITIVE FUNDING

ECL.21/144. DESARROLLO Y VALIDACIÓN DE LA ESCALA NEURO-SCORE FOR TRANSPLANTED PATIENTS PARA LA DETECCIÓN DEL DETERIORO COGNITIVO EN PACIENTES CON TRASPLANTE RENAL O HEPÁTICO TRATADOS CON INMUNOSUPRESORES. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL.

ECL.14/057. Ensayo Multicéntrico, Aleatorizado, Controlado y Abierto para Evaluar la Eficacia del Tratamiento Secuencial con Tacrolimus-Rituximab versus Esteroides más Ciclofosfamida en Pacientes con Nefropatía Membranosa Primaria. PI: RODRÍGUEZ MORENO, ANTOLINA.

ECL.16/019. ESTUDIO OBSERVACIONAL, NO INTERVENCIÓNISTA, MULTICÉNTRICO Y MULTINACIONAL DE PACIENTES CON SÍNDROME HEMOLÍTICO URÉMICO ATÍPICO (REGISTRO DE SHUa). PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL.

JSA.F01DIA. Investigación en el ámbito del trasplante renal para la mejora del perfil de seguridad en la supervivencia del injerto y la vida del paciente. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL. Funding Organisation: DIAGNOSTICA LONGWOOD S.L.

ECL.20/821. ESTUDIO DE FASE II, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE RAVULIZUMAB EN PARTICIPANTES ADULTOS CON NEFRITIS LÚPICA (NL) PROLIFERATIVA O NEFROPATÍA POR INMUNOGLOBULINA A (NIGA). PI: RODRÍGUEZ MORENO, ANTOLINA.

ECL.21/095. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE RAVULIZUMAB EN PARTICIPANTES ADULTOS CON MICROANGIOPATÍA TROMBÓTICA ASOCIADA A UN DESENCADENANTE"

A PHASE 3, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER STUDY TO EVALUATE THE EFFICACY AND SAFETY OF RAVULIZUMAB IN ADULT PARTICIPANTS WHO HAVE THROMBOTIC MICROANGIOPATHY ASSOCIATED WITH A TRIGGER. PI: SANCHEZ DE LA NIETA GARCIA, MARIA DOLORES.

ECL.2019/092. Estudio de fase IIIB, abierto, de seguimiento a largo plazo para evaluar la persistencia de las respuestas inmunes a la vacuna HZ/su de GSK a los 4-7 años tras la vacunación primaria; y evaluación de la inmunogenicidad y la seguridad de la revacunación con 2 dosis adicionales de la vacuna HZ/su, administradas con un intervalo de 1-2 meses entre dosis, a los 6-8 años tras la vacunación primaria de adultos con trasplante renal del estudio ZOSTER-041. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL. Funding Organisation: GLAXOSMITHKLINE S.A.

ECL.18/319. Impacto de los niveles de tacrólimus en la prevención del rechazo en pacientes de edad avanzada receptores de trasplante renal de novo: estudio observacional prospectivo en las condiciones de la práctica clínica habitual. Estudio BITÁCORA. PI: CALVO ROMERO, NATIVIDAD. Funding Organisation: CHIESI ESPAÑA SA.

ECL.21/269. RESPUESTA INMUNE Y SEGURIDAD DE LA VACUNACIÓN COVID-19 EN PACIENTES CON ERC AVANZADA, EN DIÁLISIS Y TRASPLANTADOS RENALES." CÓDIGO DEL ESTUDIO: SENCOVAC. PI: LÓPEZ DE LA MANZANARA PÉREZ, VIRGINIA.

ECL.20/560. Caracterización de las curvas dosis-respuesta y del funcionamiento clínico del Inmunobiograma, un nuevo método de diagnóstico in vitro para evaluar el perfil de resistencia a inmunosupresores en una muestra representativa de pacientes con Trasplante Renal. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL.

IIIA.9 Infectious Diseases/HIV

COMPETITIVE FUNDING

CRM.C01GIL18. CURSOS DE FORMACIÓN SOBRE INFECCIONES DE TRANSMISIÓN SEXUAL Y HEPATITIS VÍRICAS Y SU CORRELACIÓN CON EL VIH, DIRIGIDOS A PROFESIONALES DE LA SALUD. PI: RODRÍGUEZ MARTÍN, CARMEN. Funding Organisation: GILEAD SCIENCES, S.L.

JRG.C01GIL18. Diagnóstico precoz de la infección por el VIH y derivación inmediata al Servicio Nacional de Salud, para iniciar tratamiento antirretroviral. PI: DEL ROMERO GUERRERO, JORGE. Funding Organisation: GILEAD SCIENCES, S.L.

NON COMPETITIVE FUNDING

ECL.21/253. A descriptive, prospective, multi-country, multicentre study to assess performance of genital Herpes Simplex Virus-2 (HSV-2) related disease endpoints based on patient-reported health outcomes, self-swabbing collected via decentralised approach in patients ≥ 18 years of age in the United States and Europe. Estudio descriptivo, prospectivo, multinacional y multicéntrico para evaluar las variables relacionadas con la enfermedad genital causada por el virus herpes simple tipo 2 (VHS-2) según los resultados obtenidos a partir de cuestionarios de salud y muestras anogenitales realizados por pacientes ≥ 18 años de edad en Estados

Unidos y Europa mediante un proceso descentralizado. PI: AYERDI AGUIRREBENGOA, OSKAR.

ECL.20/371. A Multicenter, Randomized, Open-label Parallel Group Pilot Study to Evaluate Safety and Efficacy of High Dose Intravenous Immune Globulin (IVIg) plus Standard Medical Treatment (SMT) versus SMT alone in Hospitalized Subjects with COVID-19. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: GRIFOLS WORLDWIDE OPERATIONS LIMITED.

ECL.20/357. A Phase 2 Randomized Single-Blind Study to Evaluate the Activity and Safety of Low Dose Oral Selinexor (KPT-330) in Patients with Severe COVID-19 Infection (XPORT-CoV-1001). PI: ESTRADA PÉREZ, VICENTE.

ECL.16/403. A PHASE 3, RANDOMIZED, DOUBLE-BLIND STUDY TO EVALUATE THE SAFETY AND EFFICACY OF EMTRICITABINE AND TENOFOVIR ALAFENAMIDE (F/TAF) FIXED-DOSE COMBINATION ONCE DAILY FOR PRE-EXPOSURE PROPHYLAXIS IN MEN AND TRANSFENDER WOMEN WHO MAKE SEX WITH MEN AND ARE AT RISK OF HIV-1 INFECTION. PI: DEL ROMERO GUERRERO, JORGE. Funding Organisation: PPD INVESTIGATOR SERVICES LLC.

ECL.20/457. A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Phase 3 Study of Baricitinib in Patients with COVID-19 Infection. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: LILLY S.A.

ECL.21/508. ADMINISTRACIÓN PRECOZ DE DEXAMETASONA EN PACIENTES HOSPITALIZADOS POR NEUMONÍA COVID-19 Y ALTO RIESGO DE EVOLUCIÓN A SÍNDROME DE DISTRES RESPIRATORIO AGUDO. PI: CABELLO CLOTET, NOEMI.

ECL.21/236. BICTEGRVIR/FTC/TAF PARA EL TRATAMIENTO DE LA INFECCIÓN PRIMARIA POR HIV (BIC-PHI TRIAL). PI: DEL ROMERO GUERRERO, JORGE.

ECL.18/018. COHORTE ESPAÑOLA DE PACIENTES CON INFECCIÓN POR VIH MAYORES DE 50 AÑOS PARA EL ESTUDIO DE LA FRAGILIDAD Y LA FUNCIÓN FÍSICA. ESTUDIO VIH-FUNCFRAIL. PI: VERGAS GARCÍA, JORGE.

ECL.20/351. Efficacy and safety assessments of BDB-001 for infusion in treating patients with progressive severe COVID-19; an open-label, randomized, parallelly controlled, international multicenter phase II clinical study. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: PIVOTAL S.L.

ECL.20/676. Eficacia y seguridad de BI 764198 en la prevención/progresión del ARDS y complicaciones relacionadas con el ARDS secundarios a la COVID-19 (ACTION ON COVID-19). PI: ESTRADA PÉREZ, VICENTE.

ECL.14/016. EFECTOS DE UNA INTERVENCIÓN NUTRICIONAL INMUNOMODULADORA SOBRE LA RECUPERACIÓN INMUNOLÓGICA DE PACIENTES CON VIH DIAGNOSTICADOS TARDIAMENTE. PI: ESTRADA PÉREZ, VICENTE.

ECL.12/096. ESTUDIO DE ENFERMEDADES INDICADORAS DE VIH EN EUROPA. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/250. Ensayo clínico aleatorizado para evaluar la eficacia de diferentes tratamientos en pacientes con COVID19 que requieren hospitalización. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA DEL HOSPITAL UNIVERSITARIO LA PAZ.

ECL.2016/011. ESTUDIO DE FASE 3, ALEATORIZADO Y DOBLE CIEGO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE GS-9883/EMTRICITABINA/TENOFOVIR ALAFENAMIDA EN COMPARACIÓN CON ABACAVIR/DOLUTEGRAVIR/LAMIVUDINA EN ADULTOS INFECTADOS POR EL VIH-1 SIN TRATAMIENTO ANTIRRETROVIRAL PREVIO. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: PPD INVESTIGATOR SERVICES LLC.

ECL.15/302. ESTUDIO FASE III, MULTICÉNTRICO, ABIERTO, RANDOMIZADO, PARA EVALUAR EL CAMBIO A MK1439A EN PACIENTES CON SUPRESIÓN VIROLÓGICA INFECTADOS POR EL VIH-1 EN UN REGIMEN DE UN INHIBIDOR DE PROTEASA POTENCIADO CON RITONAVIR Y DOS INHIBIDORES DE LA TRANSCRIPTASA INVERSA ANÁLOGOS DE NUCLEÓSIDO (NRTIs). PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.20/669. Ensayo clínico internacional, multicéntrico, adaptativo, doble ciego, aleatorizado, controlado con placebo para evaluar la seguridad, tolerabilidad y eficacia de la Inmunoglobulina Hiperinmune Intravenosa Anti-Coronavirus para el tratamiento de pacientes adultos hospitalizados al inicio de la progresión clínica de COVID-19. PI: ESTRADA PÉREZ, VICENTE.



ECL.20/554. Ensayo clínico piloto para evaluar la eficacia, seguridad y tolerabilidad del cambio a un tratamiento con Bictegravir/FTC/TAF (Bictarvy®) más darunavir/cobicistat en pacientes infectados por VIH-1 altamente tratados. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/184. ENSAYO DE FASE III MULTICÉNTRICO, ALEATORIZADO Y CONTROLADO PARA DETERMINAR LA EFICACIA Y LA SEGURIDAD DE DOS NIVELES DE DOSIS DE PLITIDEPSINA EN COMPARACIÓN CON EL CONTROL EN PACIENTES ADULTOS QUE PRECISAN DE HOSPITALIZACIÓN PARA EL TRATAMIENTO MÉDICO DE LA INFECCIÓN MODERADA POR COVID-19. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/034. ENSAYO DE FASE III, ALEATORIZADO, EN DOBLE CIEGO Y CONTROLADO CON PLACEBO, PARA DETERMINAR LA EFICACIA Y LA SEGURIDAD DE SNG001 ADMINISTRADO POR VÍA INHALATORIA EN EL TRATAMIENTO DE PACIENTES HOSPITALIZADOS CON COVID-19 DE GRADO MODERADO. A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PHASE III TRIAL TO DETERMINE THE EFFICACY AND SAFETY OF INHALED SNG001 FOR THE TREATMENT OF PATIENTS HOSPITALISED DUE TO MODERATE COVID-19. PI: ESTRADA PÉREZ, VICENTE."

ECL.20/564. Ensayo multicéntrico, adaptativo, randomizado, controlado y ciego de seguridad y eficacia de terapias en investigación para pacientes hospitalizados con COVID-19. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/688. Ensayo multicéntrico, de fase III, doble ciego, aleatorizado, paralelo, controlado con placebo para evaluar la eficacia y seguridad de una administración temprana de Ivermectina durante tres días consecutivos para prevenir la hospitalización relacionada con SARS-Cov2 (COVID-19) en adultos mayores de 50 años. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/069. ESTUDIO DE COHORTE RETROSPECTIVO MULTICÉNTRICO Y MULTINACIONAL PARA EVALUAR LOS RESULTADOS CLÍNICOS EN ADULTOS CON COVID-19 QUE HAN SIDO TRATADOS CON REMDESIVIR. A MULTI-CENTRE, MULTI-COUNTRY RETROSPECTIVE COHORT STUDY TO EVALUATE THE CLINICAL OUTCOMES IN ADULTS WITH COVID-19 WHO HAVE BEEN TREATED WITH REMDESIVIR. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/652. ESTUDIO DE EXTENSIÓN EN UNA COHORTE DE PACIENTES ADULTOS CON INFECCIÓN POR SARS-COV-2 QUE PRECISABAN INGRESO HOSPITALARIO Y RECIBIERON TRATAMIENTO CON PLITIDEPSINA EN EL ESTUDIO APLICOV-PC. PI: ESTRADA PÉREZ, VICENTE.

ECL.18/017. Estudio de fase III, aleatorizado, multicéntrico, con grupos paralelos y de ausencia de inferioridad para evaluar la eficacia, la seguridad y la tolerabilidad del cambio a dolutegravir más lamivudina en adultos infectados por el VIH 1 con supresión virológica. PI: VERGAS GARCÍA, JORGE.

ECL.20/683. Estudio de Fase III, Multicéntrico, Aleatorizado, Doble Ciego, Controlado con Placebo en Adultos para Determinar la Seguridad y Eficacia de AZD7442, un Producto Combinado de Dos Anticuerpos Monoclonales (AZD8895 y AZD1061), para la Profilaxis Previa a la Exposición de COVID-19. PI: ESTRADA PÉREZ, VICENTE.

ECL.2018/108. Estudio en fase III para evaluar el efecto de la pitavastatina para prevenir los acontecimientos cardiovasculares en personas con infección por VIH-1. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: RESEARCH ORGANISATION (KC) LTD.

ECL.2019/112. Estudio en fase III, aleatorizado, multicéntrico y abierto de adolescentes y adultos para comparar la eficacia y la seguridad de Gepotidacina con la ceftriaxona más azitromicina en el tratamiento de la gonorrea urogenital no complicada causada por Neisseria gonorrhoeae. PI: PUERTA LÓPEZ, TERESA. Funding Organisation: PPD INVESTIGATOR SERVICES LLC.

ECL.20/522. Estudio Fase IIb, aleatorizado, con grupo control activo, parcialmente cegado, de búsqueda de dosis de GSK3640254 en comparación con un brazo control de dolutegravir, cada uno en combinación con inhibidores de la transcriptasa inversa análogos de nucleósidos, en adultos infectados con VIH-1 que no han recibido tratamiento antirretroviral previo. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/534. Estudio Fase IIIb, aleatorizado, multicéntrico, con grupo control activo, de grupo paralelo, no inferioridad, abierto, que evalúa la eficacia, seguridad y tolerabilidad del cambio a Cabotegravir de acción prolongada junto con Rilpivirina de acción prolongada administrado cada dos meses desde un régimen de comprimido único de bictegravir / emtricitabina / tenofovir alafenamida en adultos infectados por VIH-1 virológicamente suprimidos. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/798. ESTUDIO OBSERVACIONAL INTERNACIONAL EN PACIENTES AMBULATORIOS CON INFECCIÓN POR SARS-COV-2. ESTUDIO

AN INTERNATIONAL OBSERVATIONAL STUDY OF OUTPATIENTS WITH SARS-COV-2. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/360. Estudio prueba de concepto multicéntrico, aleatorizado, paralelo, abierto, para evaluar el perfil de seguridad de tres dosis de plitidepsina en pacientes con COVID-19 que precisen ingreso hospitalario. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: APICES SOLUCIONES S.L.

ECL.21/487. REAL LIFE STUDY OF BICTEGRAVIR, EMTRICITABINE, AND TENOFOVIR ALAFENAMIDE IN HIV-1 INFECTED TREATMENT-NAIVE PATIENTS USING TEST AND TREAT STRATEGY. (BIC-NOW). PI: CABELLO CLOTET, NOEMI.

ECL.21/224. RESPIRE - ENSAYO CLÍNICO MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE ATR-002 EN PACIENTES ADULTOS HOSPITALIZADOS CON COVID-19. RESPIRE - A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTI-CENTRE CLINICAL TRIAL TO EVALUATE THE SAFETY AND EFFICACY OF ATR-002 IN ADULT HOSPITALIZED PATIENTS WITH COVID-19. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/237. Un ensayo aleatorizado internacional para evaluar tratamientos no licenciados para COVID-19 en pacientes hospitalizados que reciben el tratamiento convencional para COVID que se ofrece en cada hospital." - "An international randomised trial of additional treatments for COVID-19 in hospitalised patients who are all receiving the local standard of care. PI: ESTRADA PÉREZ, VICENTE.

VEP.CO2JAN. Convenio de colaboración para la realización por el Dr. Estrada del proyecto "Polifarmacia en pacientes con infección VIH". PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: JANSSEN-CILAG S.A.

ECL.20/717. ESTUDIO DE FASE 2 ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD Y EFICACIA DE AT-527 EN SUJETOS CON COVID-19 MODERADO. PI: ESTRADA PÉREZ, VICENTE.

21/538-EC. M. ESTUDIO DE FASE II/III, ALEATORIZADO, DOBLE CIEGO, CON DOBLE SIMULACIÓN Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, EFICACIA Y TOLERABILIDAD DE 2 PAUTAS DE PF-07321332/RITONAVIR ADMINISTRADOS ORALMENTE PARA PREVENIR LOS SÍNTOMAS DE LA INFECCIÓN POR SARS-COV-2 EN ADULTOS QUE HAYAN TENIDO CONTACTO DOMÉSTICO CON PERSONAS INFECTADAS POR SARS-COV-2. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/209. Estudio de fase IIa, aleatorizado, doble ciego y controlado con placebo de las vacunas contra el VIH-1 MVA.HTI y ChAdOx1.HTI con el agonista del receptor TLR7 vesatolimod (GS-9620) en la infección por el VIH-1 tratada de forma precoz. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: PPD INVESTIGATOR SERVICES LLC.

ECL.21/537. ESTUDIO INTERVENCIÓNAL DE FASE II/III, DOBLE CIEGO, DE DOS GRUPOS PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE PF-07321332/RITONAVIR ADMINISTRADOS ORALMENTE Y COMPARADO CON PLACEBO EN PACIENTES ADULTOS SINTOMÁTICOS NO HOSPITALIZADOS CON COVID-19 QUE TENGAN RIESGO BAJO DE PROGRESAR A ENFERMEDAD SEVERA. PI: ESTRADA PÉREZ, VICENTE.

VEP.M01VIH. ESTUDIO MICRO VIH. PI: ESTRADA PÉREZ, VICENTE.

IIIA.10 Research on INA Infectious Disease

COMPETITIVE FUNDING

JRA.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

EUR.REACH. REACH: Russian European Alliance for research among women, Children and adolescents impacted by HIV, TB and HCV. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: COMISIÓN EUROPEA.

NON COMPETITIVE FUNDING

CONV18/176. Convenio colaboración para el desarrollo del proyecto REACH: Russian European Alliance for research among women, Children and adolescents impacted by HIV, TB and HCV. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO 12 DE OCTUBRE.

CONV16/139. Establecimiento de las bases y definición del marco adecuado para la creación de la "Red Española de Ensayos Clínicos Pediátricos (RECLIP)" con la misión de promover la investigación pediátrica traslacional en España y facilitar y fomentar el desarrollo de consorcios y proyectos nacionales y/europeos que persigan los mismos objetivos. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: INSTITUT RE-CERCA HOSPITAL UNIVERSITARI VALL D'HEBRON.

ECL.15/435. Estrategia para el Mantenimiento de la Supresión VIH con un inhibidor de integrasa una vez al día + darunavir/ritonavir en niños (PEN-TA17: SMILE). PI: RAMOS AMADOR, JOSE TOMAS.

ECL.2016/045. Estudio de fase Ib aleatorizado, parcialmente doble ciego, controlado con placebo para determinar la farmacocinética, seguridad y tolerabilidad de múltiples dosis de JNJ-53718678 administrado por vía oral en niños hospitalizados con infección por VRS. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: JANSSEN-CILAG S.A.

ECL.14/540. ESTUDIO DE FASE III DE FOSFATO DE TEDIZOLID DURANTE SEIS DÍAS DE I. V. A ORAL EN COMPARACIÓN CON EL COMPARADOR DURANTE 10 DÍAS EN SUJETOS DE 12 A < 18 AÑOS CON IPPbc. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.15/563. Estudio multicéntrico de fase IV, abierto, no aleatorizado para evaluar la inmunogenicidad y seguridad de Infanrix hexa® administrada como vacunación primaria en niños sanos, nacidos de madres que recibieron Boostrix® durante el embarazo o en el postparto inmediato en el estudio 116945 [DTPA (BOOSTRIX)-047]. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.2016/023. Estudio multicéntrico de fase IV, abierto, no aleatorizado para evaluar la inmunogenicidad y seguridad de una dosis de recuerdo de Infanrix hexa® en niños sanos, nacidos de madres vacunadas con Boostrix® durante el embarazo o en el postparto inmediato. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: GLAXOSMITHKLINE S.A.

CONV16/155. RED ESPAÑOLA DE ENSAYOS CLÍNICOS PEDIÁTRICOS (RECLIP). PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: FUNDACION INVESTIGACION BIOMEDICA HOSPITAL GREGORIO MARAÑON.

EAL.M02CURSO. Curso Simulación en Emergencias y Cuidados Intensivos Pediátricos del 26 y 27 octubre 2018. PI: ALEO LUJAN, ESTHER.

ECL.20/556. Ensayo clínico de fase IIb, abierto, para evaluar la seguridad, la tolerabilidad, y la inmunogenia de MenABCWY en lactantes sanos de 2 y 6 meses. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.2019/025. Estudio aleatorizado, doble ciego, de grupos paralelos, controlado con placebo, para evaluar la eficacia y seguridad de IBP-9414 en bebés prematuros de 500 - 1500 g de peso al nacer en la prevención de la enterocolitis necrosante - El estudio Connection. PI: CRIADO VEGA, ENRIQUE. Funding Organisation: PREMIER RESEARCH GROUP, S.L.

ECL.21/117. ESTUDIO DE FASE II, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE 2 PARTES, PARA EVALUAR PAUTAS DE TRATAMIENTO DE EDP-938 EN PACIENTES DE 28 DÍAS A 36 MESES DE EDAD CON INFECCIÓN POR EL VIRUS RESPIRATORIO SINICIAL (VRS). PI: RAMOS AMADOR, JOSE TOMAS.

ECL.19/302. Estudio en fase II/III aleatorizado, doble ciego, controlado con palivizumab para evaluar la seguridad de MEDI8897, un anticuerpo monoclonal con una semivida prolongada frente al virus respiratorio sincicial, en niños de alto riesgo (MEDLEY)". PI: GONZALEZ MENCHEN, CRISTINA.

ECL.18/382. Estudio fase 3 aleatorizado, abierto, para evaluar la Eficacia, Seguridad y Farmacocinética del tratamiento de Golimumab, un anticuerpo humano monoclonal anti-TNFI, administrado por vía subcutánea en pacientes pediátricos con Colitis Ulcerosa activa de moderada a severa. A Phase 3 Randomized, Open-Label Study to Assess the Efficacy, Safety, and Pharmacokinetics of Golimumab Treatment, a Human anti-TNF# onoclonal Antibody, Administered Subcutaneously in Pediatric Participants with Moderately to Severely Active Ulcerative Colitis. PI: BODAS PINEDO, ANDRÉS. Funding Organisation: JANSSEN-CILAG S.A.

ECL.21/439. ESTUDIO MULTICÉNTRICO, SIN ENMASCARAMIENTO, EN EL QUE SE EVALÚA LA FARMACOCINÉTICA Y LA SEGURIDAD DE BARICITINIB EN PACIENTES PEDIÁTRICOS (DESDE 1 AÑO HASTA MENOS DE 18 AÑOS DE EDAD) HOSPITALIZADOS CON COVID-19. A MULTICENTER OPEN-LABEL PHARMACOKINETIC AND SAFETY STUDY OF BARICITINIB IN PEDIATRIC PATIENTS FROM 1 YEAR TO LESS THAN 18 YEARS OLD HOSPITALIZED WITH COVID-19. PI: RAMOS AMADOR, JOSE TOMAS."

ECL.19/353(A). Estudio observacional multicéntrico de pacientes con parálisis cerebral infantil: aspectos neurológicos y nutricionales. PI: BODAS PINEDO, ANDRÉS. Funding Organisation: NUTRICIA S.R.L.

ECL.2017/034. Estudio para evaluar la seguridad, la reactogenicidad y la inmunogenicidad de la vacuna experimental frente al virus respiratorio sincicial (VRS) de GSK Biologicals basada en proteínas virales codificadas por un adenovector derivado del chimpancé (ChAd155 RSV) (GS-K3389245A) en niños seropositivos frente al VRS. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: GLAXOSMITHKLINE S.A.

ECL.2018/109. Estudio para evaluar la seguridad, la reactogenicidad y la inmunogenicidad de la vacuna experimental frente al virus respiratorio sincicial (VRS) de GSK Biologicals basada en proteínas virales codificadas por un adenovector derivado del chimpancé (ChAd155 RSV) (GS-K3389245A) en lactantes. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: GLAXOSMITHKLINE S.A. EAL.M01CURSO. II CURSO DE INICIACIÓN A CUIDADOS INTENSIVOS PEDIÁTRICOS DEL 23 AL 25 DE MAYO DE 2018. PI: ALEO LUJAN, ESTHER.

EAL.M03CURSO. II Curso Simulación en Emergencias y Cuidados Intensivos Pediátricos 18 y 19 de octubre de 2019. PI: ALEO LUJAN, ESTHER.

ECL.20/005. REACH: Russian European Alliance for research among women, Children and adolescents impacted by HIV, TB and HCV. PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: RAMOS AMADOR, JOSE TOMAS.

TRA.M01PENTA. ESTUDIO DEL VIRUS VIH. OBSERVACIÓN, SEGUIMIENTO DE COHORTES Y ESTUDIO DE CASOS. COLABORACIÓN COHORTES EUROPEAS DE INVESTIGACIÓN VIH EN PEDIATRÍA (EPPIC). PI: RAMOS AMADOR, JOSE TOMAS.

ECL.20/743. "Estudio de fase IV, con enmascaramiento único, aleatorizado, controlado y de varios países para evaluar la inmunogenicidad y seguridad de Infanrix hexa (DTPa-HBV-IPV/Hib) de GSK frente a Vaxelis (DTaP5-HBV-IPV-Hib) de BCM Vaccine BV, cuando se administra por vía intramuscular según un calendario de 2, 4 y 12 meses en bebés y niños pequeños sanos". PI: RAMOS AMADOR, JOSE TOMAS.

IIIA.11 Cell-biomaterial Interactions (BIO UCM)

COMPETITIVE FUNDING

Proyectos de I+D+i, Retos de la Sociedad . Nanomateriales regenerativos en escenarios de patología ósea: osteoporosis e infección. PI: Daniel Arcos y María Teresa Portolés. Funding Organisation: Ministerio de Economía y Competitividad.

H2020-FETOPEN-2018-2019-2020-01 . A step forward to spinal cord injury repair using innovative stimulated nanoengineered scaffolds. PI: María Teresa Portolés. Funding Organisation: European Union 's Horizon 2020 research and innovation programme.

IIIA.12 Immunology

COMPETITIVE FUNDING

FI20/00246. CONTRATO PFIS: SUBHI-ISSA MARIN, NABIL ALBERTO. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191450. Desarrollo de medicina de precisión en el fallo gestacional recurrente de causa inflamatoria. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

CM20/00098. RRHH RIO HORTEGA: Kissy Guevara- Hoyer. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

SSR.C01BIL. Colaboración para el Grupo de Investigación de Inmunología. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: THE BINDING SITE SPAIN SPECIALIST PROTEIN COMPANY S.L.

SSR.F01GSK. Contrato de donación de GSK a la FIBHCSC para la compra de cartuchos de análisis y reactivos del grupo de Inmunología. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: GLAXOSMITHKLINE S.A.

MFA.M01SIS. Convenio de Colaboración entre Sistemas Genómicos y la FIBHCSC para el desarrollo y comercialización de un Kit para secuenciación.



ción masiva destinado al diagnóstico genético molecular de inmunodeficiencias. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: SISTEMAS GENOMICOS SL.

ECL.21/392. ESTUDIO MULTICÉNTRICO NACIONAL DE INMUNODEFICIENCIA SECUNDARIA SOBRE LA PRODUCCIÓN DE ANTICUERPOS FRENTE A LA VACUNA DE SALMONELLA TYPHI (SIMPATY-2). PI: SÁNCHEZ RAMÓN, SILVIA.

ECL.20/243. FACTORES INMUNOLÓGICOS PREDICTIVOS EN PACIENTES CON INFECCIÓN ACTIVA FRENTE A SARS-COV-2 E INMUNODEFICIENCIA EN CÁNCER. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: SÁNCHEZ RAMÓN, SILVIA.

SSR.C01CRIS. Financiación del Proyecto "FACTORES INMUNOLÓGICOS PREDICTIVOS EN PACIENTES CON INFECCIÓN ACTIVA FRENTE A SARS-COV-2 E INMUNODEFICIENCIA EN CÁNCER". PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: FUNDACION CRIS DE INVESTIGACION PARA VENCER EL CANCER.

SSR.F01ABB. investigación en abordaje multidisciplinar de Hidrosadenitis. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: ABBVIE SPAIN, S.L.U.

IIIA.13 Organ and tissue on chip group and In-Vitro detection

COMPETITIVE FUNDING

Detección de presencia del SARS-COV-2 en aguas residuales por técnicas de inmunoensayo en kit multiplexados. PI: Miguel Holgado. Funding Organisation: CANAL DE ISABEL II.

VIMPACTO20MHB. PILOTO DE INVESTIGACIÓN, VOLUNTARIO, EXPERIMENTAL Y NO VINCULANTE PARA DETECCIÓN PRECOZ, VIGILANCIA Y CONTROL DE COVID-19. PI: Miguel Holgado. Funding Organisation: UNIVERSIDAD POLITÉCNICA DE MADRID.

IND2018/BIO-9650. Nuevo método de detección temprana de VIH mediante el reconocimiento de la proteína P-24. PI: Miguel Holgado. Funding Organisation: COMUNIDAD DE MADRID.

IND2019/IND-17207. Funcionalización de Biosensores para el desarrollo de una tecnología de diagnóstico capaz de detectar múltiples patologías. PI: María Fé Laguna. Funding Organisation: COMUNIDAD DE MADRID.

H2020-EU.2.1.2-768641. ALLERSCREENING: Point-of-Care devices based on KETs for diagnosis of food allergies. PI: Miguel Holgado. Funding Organisation: COMISIÓN EUROPEA.

H2020-EU.1.3-844464. BITOFORM: multiplex biosensing and tissue on a chip integrated platform for breast cancer biomarkers monitoring. PI: Miguel Holgado. Funding Organisation: COMISIÓN EUROPEA.

IREACT2100601865. COVIDTECH-CM: Plataforma científico-tecnológica para el pronóstico, diagnóstico y seguimiento de la enfermedad COVID-19. PI: Miguel Holgado. Funding Organisation: COMUNIDAD DE MADRID.

S2018-BAA-4480. BIOPIEL-TEC-CM: Nuevas tecnologías de fabricación y optimización de tegidos. La piel como sistema modelo. PI: Miguel Holgado. Funding Organisation: COMUNIDAD DE MADRID.

SOL-00116599. ADMARKERS: marcadores tempranos de alzheimer mediante la combinación de técnicas avanzadas de imagen y diagnóstico in-vitro. PI: Miguel Holgado. Funding Organisation: CEDETI.

TEC2017-84846-R. HERON: Transductores avanzados, biochips y plataformas de lectura para biosensores de alto rendimiento, detección de líquidos y monitorización de células. PI: Miguel Holgado. Funding Organisation: PLAN ESTATAL I+D.

NEUROSCIENCE

NEC.1 Clinical and Neurobiological Research in Psychiatry and Mental Health

COMPETITIVE FUNDING

PI20/00216. Estudio longitudinal de una cohorte representativa: superando la heterogeneidad clínica y biológica en primeros episodios psicóticos. PI: FRAGUAS HERRAEZ, DAVID. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.17/209. PSYCASTAGE Cómo se ajusta el tratamiento de la Psicosis en la práctica de rutina a una Guía de Práctica clínica basada en un modelo de estadije. PI: RENESES PRIETO, BLANCA. Funding Organisation: JANSSEN-CILAG S.A.

NEC.2 Advanced Research in Personality Disorders, Aggression and Impulse Control

COMPETITIVE FUNDING

MDM.PAID.17. AMBIENTE Y GENES EN ESQUIZOFRENIA (AGES-CM 2). PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

MDM.F01FAK21. Eficacia de un programa de intervención para reducir la conducta suicida en adolescentes con trastornos psiquiátricos: Un estudio controlado aleatorizado (SAM-PSYC). PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding Organisation: FUNDACION ALICIA KOPLOWITZ.

PI20/01471. Investigación de la asociación fenotípica y endofenotípica del trastorno límite de la personalidad y los trastornos del espectro autista. PI: CARRASCO PERERA, JOSÉ LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191256. Prevención e Intervención en Suicidio (SURVIVE): estudio cohorte y ensayos clínicos-controlados anidados de programas de prevención secundaria para intentos de suicidio. PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.171023. SUBTIPIFICACIÓN MEDIANTE FENOTIPADO EN LOS TRASTORNOS AGRESIVOS-IMPULSIVOS. PI: CARRASCO PERERA, JOSÉ LUIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.17/152. Aripiprazol una vez al mes frente al tratamiento antipsicótico atípico oral una vez al día en pacientes con esquizofrenia de aparición reciente: estudio observacional, no intervencionista. PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding Organisation: TRIAL FORM SUPPORT SPAIN, S.L.

CONV18/061. Convenio colaboración para la distribución presupuestaria de programas de actividades dei+d. Convocatoria Biomedicina 2017. Proyecto AMBIENTE Y GENES EN ESQUIZOFRENIA (AGES-CM 2). PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding Organisation: FUNDACION INV. BIOMEDICA HOSP. RAMON Y CAJAL.

ECL.12/373. ESTUDIO TRANSVERSAL DE LA COMORBILIDAD MEDICA Y DE UTILIZACIÓN DE FARMACOS SUSTRATOS O INHIBIDORES DEL CYP2D6 EN PACIENTES CON UN EPISODIO DE DEPRESIÓN MAYOR EN LAS CONSULTAS DE PSIQUIATRIA. ESTUDIO ESCODE (B2061142). PI: CARRASCO PERERA, JOSÉ LUIS.

ECL.20/095. ESTUDIO DE LA ASOCIACIÓN FENOTIPICA Y ENDOFENOTIPICA DEL TRASTORNO LIMITE DE LA PERSONALIDAD CON LOS TRASTORNOS DEL ESPECTRO AUTISTA. PI: CARRASCO PERERA, JOSÉ LUIS.

ECL.20/579. Estudio en fase IIb, doble ciego, aleatorizado, controlado con placebo, adaptativo, de 14 semanas de duración, para evaluar la eficacia y seguridad de vafidemstat en una población adulta con trastorno límite de la personalidad (TLP) (Estudio PORTICO). PI: CARRASCO PERERA, JOSÉ LUIS.

NEC.3 Psychoneuroendocrinology, Molecular Neuroimaging and Genetics in Neuropsychiatric Diseases

COMPETITIVE FUNDING

PCI2021-122069-2A. Interpreting MEG Biomarkers of Alzheimer's Progression with Human Neocortical Neurosolver. PI: Fernando Maestú & Stephanie Jones. Funding Organisation: National Institute of Health (USA) and European Union.

MSCA-RISE-2020 101007521. tEchnology for Multimodal inter-BRain dynAmiCs invEstigation (EMBRACE). PI: Silvia Comani / Lucia Vaquero. Funding Organisation: European Union - MSCA.

H2020-SCI-DTH-07-2018- 826421. Virtual Brain Cloud. PI: Petra Ritter. Funding Organisation: European Union.

H2020- SCI-BHC-06-2020-964220. AI-MIND. PI: Ira Hareldsén (Fernando Maestú España) Unión Europea H2020. Funding Organisation: European Union.

H2020- HORIZON-INFRA-2021-TECH-01-01- 101058516. eBrains-Health. PI: Petra Ritter. Funding Organisation: European Union.

PAR-19-070 Research on Current Topics in Alzheimer's Disease and Its Related Dementias. Digital Technology for Early Detection of Alzheimer's Disease and Related Dementias . PI: Jhon Mosher (Fernando Maestú - Spain). Funding Organisation: National Institute of Health-USA.

2021I075. Seguimiento y caracterización de factores psicosociales, neuropsicológicos, neurológicos y neurobiológicos de predisposición al inicio en el consumo de alcohol cannabis de adolescentes. PI: Fernando Maestú. Funding Organisation: Plan Nacional de Drogas - Ministerio de Sanidad.

RTI2018-098762-B-C31. Study of the anatomo-functional connectome of AD-relatives: an early intervention on cognition and lifestyles (CONNECT-AD). . PI: Fernando Maestú. Funding Organisation: Ministerio de Ciencia.

PID2020-114006GA-I00. Inhibitory control over memory and depressive ruminations. Neurocognitive underpinnings of a vulnerability factor for the onset and maintenance of depression (RumTNT). PI: Javier Pacios. Funding Organisation: Ministerio de Ciencia.

Evaluación Neurofisiológica de los síntomas asociados al SARS-COV2. PI: Ventura Anciones / Fernando Maestú. Funding Organisation: Mutua Madrileña.

NEC.5 Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)

COMPETITIVE FUNDING

JBA.YEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

JBA.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

JBA.PAID.17. NEUROCENTRO-CM. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

CM20/00246. RRHH RIO HORTEGA: JOSUE AVECILLAS CHASIN. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.21/050. A PHASE IIB, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER STUDY TO EVALUATE THE EFFICACY AND SAFETY OF INTRAVENOUS PRASINEZUMAB IN PARTICIPANTS WITH EARLY PARKINSON'S DISEASE. ESTUDIO EN FASE IIB, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO, COMPARATIVO CON PLACEBO Y MULTICÉNTRICO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD

DE PRASINEZUMAB INTRAVENOSO EN PARTICIPANTES CON ENFERMEDAD DE PARKINSON INCIPIENTE. PI: ALONSO FRECH, FERNANDO."

JBA.M01BOS. Convenio investigación clínica con Producto sanitario realización proyecto Ventral tegmental area (VTA) deep brain stimulation (DBS) with segmented electrodes in refractory schizophrenia. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: BOSTON SCIENTIFIC GROUP PLC.

ECL.20/372. Ensayo clínico multicéntrico, aleatorizado, controlado con principio activo, doble ciego, con doble simulación, de grupos paralelos para evaluar la eficacia, seguridad y tolerabilidad de una infusión subcutánea continua de ND0612 en comparación con el tra. PI: ALONSO FRECH, FERNANDO. Funding Organisation: SYNEOS HEALTH UK LIMITED.

CONV16/065. Convenio cotitularidad invención "Biohíbrido para su uso en la regeneración de tractos neurales" (UPV 62,5% - FIBHSC 37,5%). PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: UNIVERSIDAD POLITÉCNICA DE VALENCIA.

ECL.11/279. ENSAYO CLINICO EN FASE IIa PARA CONOCER LA FACTIBILIDAD Y SEGURIDAD DEL USO ALOGÉNICO DE CÉLULAS MADRE EXPANDIDAS DERIVADAS DE LA GRASA EN EL TRATAMIENTO LOCAL DEL ICUS POR INFARTO DEL TERRITORIO DE LA ARTERIA CEREBAL MEDIA. ESTUDIO CELICTUS. PI: BARCIA ALBACAR, JUAN ANTONIO.

ECL.20/475. ESTUDIO INTERNACIONAL SOBRE LA ENFERMEDAD DE PARKINSON DE ROSTOCK. PI: ALONSO FRECH, FERNANDO. Funding Organisation: CENTOGENE GMBH.

JBA.M02BAX. Patrocinio Sesiones Clínicas del Servicio Neurocirugía del Hospital Clínico San Carlos de Madrid en la que se tratarán aspectos de actualización científica e investigación correspondientes al periodo Marzo 2021 - Junio 2021. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: BAXTER S.L.

ECL.16/006. Registro de ECP Vercise (A4010): Registro de estimulación cerebral profunda con el sistema VERCISE. PI: ALONSO FRECH, FERNANDO. Funding Organisation: SCIENTIFIC INTERNACIONAL S.A.

CONV11/057. Convenio Colaboración proyectos conjuntos de investigación entre la Universidad Politécnica de Madrid y la Fundación para la Inv. Biomédica del HCSC. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: UNIVERSIDAD POLITÉCNICA DE MADRID OFICINA DE TRANSFERENCIA TECNOLÓGICA.

NEC.6 Neurological Diseases

COMPETITIVE FUNDING

ICI20/00074. AMANTADINA Y ESTIMULACIÓN MAGNÉTICA TRANSCRANEAL PARA FATIGA EN LA ESCLEROSIS MULTIPLE: ENSAYO FASE III, CONTROLADO, RANDOMIZADO, CRUZADO Y DOBLE CIEGO. PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PTA.17/13618. AYUDAS PERSONAL TECNICO DE APOYO - GUILLERMO MEJIAS MARTINEZ. PI: MATÍAS-GUIU ANTEM, JORDI. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

SCS.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

INT20/00079. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: Jordi Matías-guiu. PI: MATÍAS-GUIU ANTEM, JORDI. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

F120/00145. CONTRATOS PFIS: MARIA VALLES SALGADO. PI: MATÍAS-GUIU ANTEM, JORDI. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

AGS.MIS.21. Estudio de las alteraciones del metabolismo lipídico en Esclerosis Lateral Amiotrófica (ELA) y la Demencia Fronto-Temporal (DFT): trabajando en prevención. PI: GUERRERO SOLA, ANTONIO. Funding Organisation: CONSEJERIA DE SANIDAD.

FIS.191260. EVALUACIÓN NEUROPSICOLÓGICA TRANSCULTURAL. PI: MATÍAS-GUIU ANTEM, JORDI. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

SCS.TALENTO.18. IDENTIFYING BMI-ASSOCIATED PATHWAYS THAT CONFER PROTECTION IN ALS. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.



SCS.TALENTO.18RRHH. RRHH Comunidad de Madrid "Atracción talento" Modalidad Iº. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

JMA.MIS.21. Sintomatología cognitiva post-COVID: detección precoz de enfermedades neurodegenerativas. PI: MATÍAS-GUIU ANTEM, JORDI. Funding Organisation: CONSEJERIA DE SANIDAD.

SCS.MICINN.20. Descifrando el papel causal del metabolismo lipídico en la aparición de las alteraciones clínicas en el espectro de enfermedades ELA y DFT. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding Organisation: MINISTERIO DE CIENCIA E INNOVACION.

NON COMPETITIVE FUNDING

ECL.20/333. "A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Assess the Efficacy and Safety of JNJ-63733657, an Anti-tau Monoclonal Antibody, in Participants with Early Alzheimer's Disease / Estudio aleatorizado, multicéntrico, doble ciego, controlado con placebo y con grupos paralelos para evaluar la eficacia y la seguridad de JNJ-63733657, un anticuerpo monoclonal anti-tau, en participantes con enfermedad de Alzheimer de inicio temprano." PI: MATÍAS-GUIU GUIA, JORGE.

ECL.2019/150. A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL GROUP, MULTICENTER TRIAL OF CVL-865 AS ADJUNCTIVE THERAPY IN ADULTS WITH DRUG-RESISTANT FOCAL ONSET SEIZURES (REALIZE TRIAL). PI: GARCÍA MORALES, IRENE. Funding Organisation: SYNEOS HEALTH UK LIMITED.

JMG.C10SAN. Colaboración para el proyecto Formativo sobre Bases Moleculares de la Activación Inmune en la Esclerosis Múltiple. PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: SANOFI AVENTIS, S.A.

LGD.M01ALN. Convenio colaboración económica para la realización del estudio DETECCIÓN PRECOZ DE LAS ALTERACIONES NEUROLÓGICAS EN HATTR. PI: GALÁN DÁVILA, LUCÍA. Funding Organisation: ALNYLAM PHARMACEUTICALS, INC.

JMG.C16SAN. Convenio colaboración económica para la realización del Programa de formación "Proyecto Formativo sobre Cognición en Esclerosis Múltiple (2020)". PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C20SAN. Convenio de colaboración del art 25 para llevar a cabo el PROGRAMA FORMATIVO INTRAMUROS SOBRE METODOLOGIA EXPERIMENTAL DE INVESTIGACION EN ESCLEROSIS MÚLTIPLE 2021-2022. PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: SANOFI AVENTIS, S.A.

JPE.M01LILLY. Convenio de Colaboración entre LILLY-FIBHCSC RN relación con el Evento organizado de sesiones de formación en cefaleas a lo largo del 2020. PI: PORTA ETESSAM, JESÚS. Funding Organisation: LILLY S.A.

JMG.C21SAN. Convenio para llevar a cabo un programa de formación: PROGRAMA FORMATIVO INTRAMUROS SOBRE COGNICION Y ESCLEROSIS MULTIPLE- CURSO 2021-2022. PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C01ERN. Convenio suministro medicación proyecto ICI20/00074 "AMANTADINA Y ESTIMULACIÓN MAGNÉTICA TRANSCRANEAL PARA FATIGA EN LA ESCLEROSIS MULTIPLE: ENSAYO FASE III, CONTROLADO, RANDOMIZADO, CRUZADO Y DOBLE CIEGO". PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: LABORATORIOS ERN S.A.

ECL.19/524. Deciphering the causal role of lipid metabolic alterations in Frontotemporal Dementia and Amyotrophic Lateral Sclerosis spectrum disorders. "ESTUDIO DE LAS ALTERACIONES DEL METABOLISMO DE LAS GRASAS EN LAS ENFERMEDADES ESCLEROSIS LATERAL AMIOTROFICA (ELA) Y LA DEMENCIA FRONTO-TEMPORAL (DFT)". PI: CORROCHANO SÁNCHEZ, SILVIA. Funding Organisation: CORROCHANO SÁNCHEZ, SILVIA.

ECL.20/566. DEep Learning for Identification of Candidates for a Second-Line Therapy in Parkinson's Disease (DELIST-PD Study) Estudio para Mejorar la Identificación de Pacientes Candidatos a Terapias de Segunda Línea (TSL) en la Enfermedad de Parkinson. Estudio DELIST-PD. PI: GARCÍA-RAMOS GARCÍA, MARÍA ROCÍO.

JMG.M01LAP. Desarrollar el "Preceptorship en Esclerosis múltiple secundaria progresiva con énfasis en deterioro cognitivo" los días 27, 28, 29 de noviembre de 2019. PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: LAPHARCON LLC.

ECL.20/192. Ensayo de fase 2 para investigar la eficacia, la seguridad y la tolerabilidad de efgartigimod PH20 SC en pacientes adultos con polineuropatía desmielinizante inflamatoria crónica (PDIC)/ A Phase 2 Trial to Investigate the Efficacy, Safety, and Tolerability of Efgartigimod PH20 SC in Adult Patients with Chronic Inflammatory Demyelinating Polyneuropathy (CIDP). PI: GUERRERO SOLA, ANTONIO. Funding Organisation: PHARMACEUTICAL PRODUCT DEVELOPMENT SPAIN, S.L.

ECL.13/284. ENSAYO DE DOSIS-RESPUESTA, MULTICENTRICO, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO DE YKP3089 COMO TRATAMIENTO COMPLEMENTARIO EN SUJETOS CON CRISIS DE INICIO PARCIAL, CON UNA EXTENSIÓN ABIERTA OPCIONAL. PI: GARCÍA MORALES, IRENE.

ECL.13/439. ENSAYO SOBRE LA INHIBICIÓN PLAQUETARIA EN ELAIT Y EL ACCIDENTE CEREBROVASCULAR ISQUEMICO MENOR DE RECIN APARICIÓN. PI: EGIDO HERRERO, JOSÉ ANTONIO.

ECL.2016/047. Estudio abierto y multicéntrico de la seguridad y la farmacocinética de YKP3089 como tratamiento complementario en pacientes con crisis de inicio parcial. PI: GARCÍA MORALES, IRENE. Funding Organisation: PHARMACEUTICAL PRODUCT DEVELOPMENT SPAIN, S.L.

ECL.14/393. Estudio aleatorizado y doble ciego para evaluar la eficacia y la seguridad del inhibidor de la trombina oral dabigatrán etexilato (110 mg o 150 mg dos veces al día por vía oral) frente al ácido acetilsalicílico (100 mg una vez al día por vía oral) en la prevención secundaria del ictus en pacientes con ictus embólico de origen desconocido (RESPECT ESUS). PI: EGIDO HERRERO, JOSÉ ANTONIO.

ECL.15/225. Estudio multicéntrico, con tratamiento ciego y de fase IIIb para evaluar si el ajuste de la dosis al alza de Tecfidera® durante 6 semanas es eficaz para reducir la incidencia de acontecimientos adversos gastrointestinales en pacientes con esclerosis múltiple. PI: MATÍAS-GUIU GUIA, JORGE.

ECL.20/217. Estudio aleatorizado, doble ciego, controlado con placebo, multicéntrico, para evaluar la seguridad, la tolerabilidad y la eficacia del XEN1101 como tratamiento adyuvante en la epilepsia de inicio focal, con una extensión abierta. PI: GARCÍA MORALES, IRENE. Funding Organisation: PIVOTAL S.L.

ECL.19/039. Estudio de desenlaces de amiloidosis asociadas a trastretina THAOS: Estudio global, multicéntrico, longitudinal, observacional de pacientes con amiloidosis con mutaciones documentadas de transtretina (TTR) o TTR de tipo natural. PI: GALÁN DÁVILA, LUCÍA. Funding Organisation: ICON CLINICAL RESEARCH LTD_SOUTH COUNTY.

ECL.2018/152. Estudio de extensión abierto de MOM-M281-004 para evaluar la seguridad, la tolerabilidad y la eficacia de M281 administrado a pacientes con miastenia gravis generalizada. - "An Open-label Extension Study of MOM-M281-004 to Evaluate the Safety, Tolerability, and Efficacy of M281 Administered to Patients with Generalized Myasthenia Gravis. PI: GUERRERO SOLA, ANTONIO. Funding Organisation: PPD INVESTIGATOR SERVICES LLC.

ECL.20/625. Estudio de extensión abierto, multicéntrico y con tratamiento activo de 57 semanas de CVL-865 como tratamiento complementario en adultos con crisis convulsivas de inicio focal resistentes a los fármacos. PI: GARCÍA MORALES, IRENE.

ECL.2016/046. ESTUDIO DE EXTENSIÓN, MULTICENTRICO Y ABIERTO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD A LARGO PLAZO DE PATISIRÁN EN PACIENTES CON POLINEUROPATIA AMILOIDOTICA FAMILIAR QUE HAN COMPLETADO UN ESTUDIO CLINICO ANTERIOR CON PATISIRÁN. PI: GALÁN DÁVILA, LUCÍA. Funding Organisation: MEDPACE INC.

ECL.2019/148. Estudio de fase 2, aleatorizado y controlado con placebo para evaluar la seguridad, la tolerabilidad y la eficacia de TAK-079 en pacientes con miastenia grave generalizada. PI: GUERRERO SOLA, ANTONIO. Funding Organisation: PHARMACEUTICAL PRODUCT DEVELOPMENT SPAIN, S.L.

ECL.18/199. ESTUDIO DE FASE II, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, LA TOLERABILIDAD Y LA EFICACIA DE ANAVEZ2-73 EN RELACIÓN CON EL DETERIORO COGNITIVO EN PACIENTES CON ENFERMEDAD DE PARKINSON Y DEMENCIA. PI: GARCÍA-RAMOS GARCÍA, MARÍA ROCÍO. Funding Organisation: ANAVEX GERMANY GMBH.

ECL.20/347. Estudio de fase III multicéntrico, aleatorizado, doble ciego, controlado con placebo y de grupos paralelos para evaluar la eficacia, seguridad y tolerabilidad de atogepant por vía oral para la profilaxis de la migraña en participantes con migraña ocasional que no han respondido

anteriormente a entre 2 y 4 clases de tratamientos profilácticos por vía oral (ELEVATE). PI: PORTA ETESSAM, JESÚS.

ECL.21/067. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA, LA SEGURIDAD Y LA TOLERABILIDAD DEL PXT3003 EN LA ENFERMEDAD DE CHARCOT-MARIE-TOOTH DE TIPO 1A (CMT1A). PI: HORGA HERNÁNDEZ, ALEJANDRO.

ECL.2019/080. ESTUDIO EN FASE III, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE ROZANOLIXIZUMAB EN PACIENTES ADULTOS CON MIASTENIA GRAVIS GENERALIZADA / A PHASE 3, RANDOMIZED, DOUBLE-BLIND, PLACEBOCONTROLLED. PI: GUERRERO SOLA, ANTONIO. Funding Organisation: PAREXEL INTERNATIONAL (IRL) LIMITED.

ECL.2019/155. Estudio en fase III, global, abierto y aleatorizado para evaluar la eficacia y la seguridad de ION-682884 en pacientes con polineuropatía amiloidótica familiar por transtretina. PI: GALÁN DÁVILA, LUCÍA. Funding Organisation: PHARMACEUTICAL RESEARCH ASSOCIATES UK LTD.

ECL.21/210. ESTUDIO EN FASE III, MULTICÉNTRICO, ALEATORIZADO, CON ENMASCARAMIENTO DOBLE Y COMPARADO CON PLACEBO DE EFICACIA, SEGURIDAD Y EFECTOS EN BIOMARCADORES DE ALZ-801 EN PACIENTES CON ENFERMEDAD DE ALZHEIMER PREMATURA Y GENOTIPO APOE4/4. A PHASE 3, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBOCONTROLLED STUDY OF THE EFFICACY, SAFETY AND BIOMARKER EFFECTS OF ALZ-801 IN SUBJECTS WITH EARLY ALZHEIMER'S DISEASE AND APOE4/4 GENOTYPE. PI: MATÍAS-GUIU GUIA, JORGE.

ECL.21/447. ESTUDIO OBSERVACIONAL EN PACIENTES CON MIGRAÑA TRATADOS CON GALCANEZUMAB EN LA PRACTICA CLÍNICA HABITUAL EN ESPAÑA. OBSERVATIONAL STUDY IN PATIENTS WITH MIGRAINE TREATED WITH GALCANEZUMAB IN USUAL CLINICAL PRACTICE IN SPAIN. PI: PORTA ETESSAM, JESÚS.

ECL.20/773. ESTUDIO OBSERVACIONAL, MULTICÉNTRICO, TRANSVERSAL PARA DESCRIBIR EL MANEJO TERAPEUTICO Y DIAGNÓSTICO DEL PACIENTE CON NARCOLEPSIA EN ESPAÑA EN LA PRÁCTICA CLÍNICA HABITUAL. PI: MARTÍNEZ OROZCO, FRANCISCO JAVIER.

ECL.18/105. Estudio sobre el Manejo de los Portadores de Amiloidosis hereditaria por Transtretina - EMPATia. PI: GALÁN DÁVILA, LUCÍA. Funding Organisation: PFIZER, S.L.U.

UGP.M01HIS. Evaluación del efecto de células troncales mesenquimales de tejido adiposo expandidas (e-ASCs) aplicadas intraparenquima a nivel cervical tras laminectomía. PI: GÓMEZ PINEDO, ULISES ALFONSO. Funding Organisation: HISTOCELL S.L.

IGM.F01NC06.04. Línea de investigación de Epilepsia. PI: GARCÍA MORALES, IRENE. Funding Organisation: AGUIRRE MCMORROW, OLIVIA ELSA.

ECL.2019/125. Multicenter, randomized, placebo-controlled, double-blind, parallel group, dose-finding Phase 2 study to evaluate efficacy and safety of BAY 2433334 in patients following an acute non-cardioembolic ischemic stroke. PI: EGIDO HERRERO, JOSÉ ANTONIO. Funding Organisation: BAYER HISPANIA, S.L.U.

ECL.20/022. Normalización de la batería Vienna Test System" para evaluación neuropsicológica computerizada". PI: MATÍAS-GUIU ANTEM, JORDI. Funding Organisation: SCHUHFRIED GMBH.

ECL.20/212. Open-label Extension of the ARGX-113-1802 Trial to Investigate the Long-term Safety, Tolerability, and Efficacy of Efgartigimod PH20 SC in Patients with Chronic Inflammatory Demyelinating Polyneuropathy (CIDP) // Extensión abierta del ensayo ARGX-113-1802 para investigar la seguridad, la tolerabilidad y la eficacia a largo plazo de efgartigimod PH20 SC en pacientes con polineuropatía desmielinizante inflamatoria crónica (PIDC). PI: GUERRERO SOLA, ANTONIO. Funding Organisation: PHARMACEUTICAL PRODUCT DEVELOPMENT SPAIN, S.L.

JMG.M01LIL. PATROCINIO PROGRAMA FORMATIVO INTRAMUROS SOBRE GENÉTICA DE LA MIGRAÑA I PARTE. PI: MATÍAS-GUIU GUIA, JORGE. Funding Organisation: LILLY S.A.

ECL.18/304. Plan de investigación del registro ASSIST. PI: LOPEZ-IBOR ALIÑO, LUIS JOSÉ. Funding Organisation: STRYKER EUROPEAN OPERATIONS LIMITED.

ECL.20/649. Programa de vigilancia de embarazos con patisirán-NPL PSP. PI: GALÁN DÁVILA, LUCÍA.

JMG.C17SAN. Proyecto sobre SARS-Cov2 y SNC: Esclerosis Múltiple y Enfermedades neurodegenerativas. PI: MATÍAS-GUIU GUIA, JORGE.

ECL.18/524. Un estudio multicéntrico, doble ciego, controlado con placebo, aleatorizado, de la eficacia y seguridad de JZP-258 en el tratamiento de la hipersomnia idiopática (IH) con una extensión de seguridad abierta. PI: MARTÍNEZ OROZCO, FRANCISCO JAVIER. Funding Organisation: IQVIA RDS SPAIN S.L.

MCA.F02ABB. INVESTIGACION EN ENFERMEDAD DE PARKINSON EN LA UNIDAD DE TRASTORNOS DEL MOVIMIENTO DE NEUROLOGÍA. PI: CATALÁN ALONSO, MARÍA JOSÉ. Funding Organisation: ABBVIE SPAIN, S.L.U.

NEC.7 Research group on environmental factors in degenerative diseases

COMPETITIVE FUNDING

FIS.180204. Ácidos grasos de cadena corta y esclerosis múltiple: correlación de los niveles de acetato, propionato y butirato procedentes de la microbiota con la progresión y actividad de la enfermedad y estudio de su posible efecto sobre el sistema inmune de los pacientes. PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

RAL.CO2EME. Convenio para la realización del proyecto "Lactic acid and metabolites from gut microbiota in primary progressive multiple sclerosis patients". PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding Organisation: ESCLEROSIS MÚLTIPLE ESPAÑA.

FPU20/00132. FPU María Celeste García-Frontini Nieto. PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding Organisation: MINISTERIO DE CIENCIA E INNOVACION.

FPU16/SPP. RRHH "FPU" Silvia Pérez Pérez. PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding Organisation: MINISTERIO DE CIENCIA E INNOVACION.

EUR.3TR. Taxonomy, Treatment, Targets and Remission. Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions. PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding Organisation: European Commission. H2020-EU.3.1.7.

NON COMPETITIVE FUNDING

RAL.CO1SAN. Colaboración proyecto para mejorar el cuidado de la salud de los pacientes con EM mediante la detección del efecto de los tratamientos modificadores de la enfermedad en la disminución de la carga viral de EBV y HHV-6. IP Roberto Alvarez Lafuente. PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding Organisation: SANOFI AVENTIS, S.A.

RAG.F02LAIR. MARCADORES PRONÓSTICOS EN PACIENTES CON SÍNDROME CLÍNICAMENTE AISLADO. CONVERSIÓN EN ESCLEROSIS MÚLTIPLE DEFINIDA Y EVOLUCIÓN DE LA ENFERMEDAD. PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding Organisation: FUNDACION LAIR.

ECL.21/232. PROYECTO PARA MEJORAR EL CUIDADO DE LA SALUD DE LOS PACIENTES CON EM MEDIANTE LA DETECCIÓN DEL EFECTO DE LOS TRATAMIENTOS MODIFICADORES DE LA ENFERMEDAD EN LA DISMINUCIÓN DE LA CARGA VIRAL DE EBV Y HHV-6. PI: ÁLVAREZ LAFUENTE, ROBERTO.

ECL.21/503. LACTIC ACID AND METABOLITES FROM GUT MICROBIOTA IN PRIMARY PROGRESSIVE MULTIPLE SCLEROSIS PATIENTS. PI: ÁLVAREZ LAFUENTE, ROBERTO.

NEC.13 Neurotransmission and Purinergic Signaling

PÉREZ SEN, RÁQUEL, GARCÍA DELICADO, ESMERILDA. Dissecting the Purinergic Signaling Puzzle. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2021; 22(16): -. DOI: 10.3390/ijms22168925. FI: 5,923. (Q1).

Engel, Tobias , Nicke, Annette , Deussing, Jan M. , Sperlagh, Beata , DÍAZ HERNÁNDEZ, MIGUEL. Editorial: P2X7 as Common Therapeutic Target in Brain Diseases. FRONTIERS IN MOLECULAR NEUROSCIENCE. 2021; 14(): -. DOI: 10.3389/fnmol.2021.656011. FI: 5,639. (Q1).



NEC.18 Research in Glaucoma, Retina and Visual Pathways

COMPETITIVE FUNDING

FIS.191431. ANALISIS DE LAS BASES GENETICAS Y MOLECULARES DEL GLAUCOMA CONGENITO Y JUVENIL: IMPLICACIONES DIAGNÓSTICAS Y TERAPEÚTICAS. PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

CONVI3/014. Convenio marco entre la FIBHCSC Y el Instituto Aragonés de ciencias de la salud. PI: GARCÍA FEIJOÓ, JULIÁN. Funding Organisation: INSTITUTO ARAGONES DE CIENCIAS DE LA SALUD.

FIS.170466. Innovación en formulaciones antiglaucomatosas de administración tópica ocular. Nanosistemas que incrementan la biodisponibilidad asociados a protectores de la superficie ocular. PI: BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

RED.16/0008/0004. RED OFTARED. PI: GARCÍA FEIJOÓ, JULIÁN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

RTC-2015-4066-1. Desarrollo y validación clínica de la proteína TRPM8 como nueva diana terapéutica para el tratamiento del síndrome de ojo seco mediante un ensayo clínico de prueba de concepto en pacientes con AVX-012. PI: Jose Manuel Benítez del Castillo. Funding Organisation: Proyecto RE-TOS. Ministerio de Economía y Competitividad. Fondos FEDER.

PI 20/01221. Estudio de la evolución y factores asociada a la Calidad de Vida relacionada con la Visión y la Salud en sujetos con uveítis no infecciosa: un análisis longitudinal. PI: Luis Rodríguez. Funding Organisation: Proyecto FIS.

(IC19/00020) N° EudraCT 2020-000130-18. Eficacia, seguridad y coste-efectividad de metotrexato, adalimumab o su combinación en uveítis no anterior no infecciosa: un estudio multicéntrico, aleatorizado, paralelo de brazos, con control activo, de fase 3, abierto con evaluador cegado: Co-THEIA (Combination Therapy with mEthorexate and adalimumab for uveitis). PI: Luis Rodríguez Rodríguez. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

Beca SORCOM-MSD 2020. Desarrollo de un sistema de autoevaluación de actividad inflamatoria en polo posterior ocular para pacientes con uveítis no infecciosa. PI: Luis Rodríguez Rodríguez. Funding Organisation: Sociedad de Reumatología de la Comunidad de Madrid (SORCOM).

PI18/00314. Caracterización de los puntos hiper reflectivos como biomarcador en OCT en patologías retinianas. Estudio clínico y experimental (Con-OCT). PI: Patricia Robredo. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

JZV-BEV-2018-01. Proyecto Fight Retinal Blindness! Registro de pacientes con enfermedades de la retina en tratamiento con terapias intravitreas. Estudio posautorización observacional nacional multicéntrico. PI: Juan Donate Lopez. Funding Organisation: Fundacio clinic per a la recerca biomedica.

PIC18/00018. Phase III clinical trial of intravitreal MSV (PEI 15-007) in non-arteritic ischemic optic neuropathy (NAION). PI: GARCÍA ARUMI, JOSÉ. Funding Organisation: MINECO.

PI17/00466. Innovación en formulaciones de antiglaucomatosos de administración tópica ocular. Nanosistemas que incrementan la biodisponibilidad asociados a protectores de la superficie ocular. PI: JOSÉ MANUEL BENÍTEZ DEL CASTILLO (IP1), IRENE MOLINA MARTÍNEZ (IP2, COORDINADORA). Funding Organisation: Instituto de Salud Carlos III.

GlauMono 2021. Estudio para la evaluación de resultados visuales en pacientes con glaucoma de ángulo abierto tras el implante de lente intraocular monofocal y lente monofocal avanzada. PI: Jose María Martínez de la Casa. Funding Organisation: Hospital Clínico San Carlos.

NON COMPETITIVE FUNDING

ECL.20/788. "Evaluación de la eficacia y seguridad de las gotas oftálmicas T4030 frente a Ganfort® UD en pacientes con hipertensión ocular o glaucomatosos. Estudio de Fase III, internacional, multicéntrico, aleatorizado, 2 grupos paralelos, investigador enmascarado, y duración del tratamiento de 12 semanas.". PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA.

ECL.2019/139. A Randomized, Double-masked, Phase 3 Study of ABP 938 Efficacy and Safety Compared to Aflibercept (Eylea®) in Subjects with

Neovascular Age-related Macular Degeneration. PI: LOPEZ GUAJARDO, LORENZO.

ECL.18/553. Comparación retrospectiva de la tasa de persistencia de los pacientes diagnosticados con glaucoma o hipertensión ocular al tratamiento con Monoprost, Lumigan o Lumigan UD. PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA.

ECL.14/514. Análisis retrospectivo de pacientes tratados con ozurdex® por oclusión de la vena retiniana (OVR). PI: JIMENEZ SANTOS, MARIA AURELIA.

ECL.14/039. ESTUDIO DE VIGILANCIA A LARGO PLAZO DE LATANOPROST PARA CONTROLAR LOS CAMBIOS DE HIPERPIGMENTACIÓN OCULAR EN POBLACIONES PEDIÁTRICAS. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.18/277. ENSAYO CLÍNICO PROSPECTIVO, ABIERTO, MULTICÉNTRICO CON UNA COHORTE PARA ANALIZAR LA EFICACIA Y LA SEGURIDAD DEL MINIJET EN PACIENTES EUROPEOS CON GLAUCOMA DE ÁNGULO ABIERTO NO CONTROLADO CON MEDICAMENTOS HIPOTENSORES TÓPICOS. PI: GARCÍA FEIJOÓ, JULIÁN. Funding Organisation: ISTAR MEDICAL SA.

ECL.2019/002. Ensayo de fase III, multinacional, multicéntrico, con enmascaramiento para el investigador, aleatorizado y controlado con tratamiento activo, que compara la eficacia y la seguridad de DE-130A con Xalatan® en pacientes con glaucoma de ángulo abierto o hipertensión ocular durante un periodo de 3 meses, seguido de un periodo de seguimiento de 12 meses con tratamiento con DE-130A en abierto. PI: GARCÍA FEIJOÓ, JULIÁN. Funding Organisation: COVANCE CAPS LTD.

ECL.20/493. Estudio básico de investigación en humanos de nuevas variables relacionadas con el glaucoma e identificación de poblaciones óptimas de pacientes para ensayos de neuroprotección. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.20/691. Estudio de 52 semanas multicéntrico, aleatorizado, doble ciego, de 2 grupos paralelos para comparar la eficacia, seguridad e inmunogenicidad de SOK583A1 con respecto a Eylea® administrado de forma intravítrea en pacientes con degeneración macular neovascular asociada a la edad. PI: DONATE LÓPEZ, JUAN.

ECL.2019/064. Estudio de fase III, aleatorizado, doble ciego, con grupos paralelos, multicéntrico para comparar la eficacia y la seguridad de QL1205 frente a Lucentis® en pacientes con degeneración macular neovascular asociada a la edad. PI: LOPEZ GUAJARDO, LORENZO. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.2019/033. Estudio de fase III, multicéntrico, aleatorizado, con doble enmascaramiento, de dos grupos y 18 meses de duración que evalúa la eficacia y seguridad de brolicizumab frente a aflibercept en pacientes adultos con alteración visual debida a edema macular secundario a oclusión de rama de la vena de la retina (RAPTOR). PI: LOPEZ GUAJARDO, LORENZO. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.19/102. Estudio de la progresión de la enfermedad en sujetos definidos genéticamente con atrofia geográfica secundaria a degeneración macular relacionada con la edad. PI: CALVO GONZÁLEZ, CRISTINA. Funding Organisation: MEDPACE CLINICAL RESEARCH LLC.

ECL.19/411. Estudio de los niveles de citoquinas y resultado quirúrgico del implante PRESERFLO Microshunt en la cirugía de glaucoma. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.21/247. ESTUDIO RETROSPECTIVO DE LA EFICACIA Y SEGURIDAD DE PRESERFLO COMBINADO CON CATARATA. PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA.

ECL.20/621. REGISTRO DE INFECCIONES CORNEALES ASOCIADAS AL USO DE LENTES DE CONTACTO. PI: ARRIOLA VILLALOBOS, PEDRO.

ECL.20/745. UN ENSAYO CLÍNICO PROSPECTIVO, ABIERTO, MULTICÉNTRICO QUE ANALIZA LA EFICACIA Y LA SEGURIDAD DEL MINIJET (MINI SO627) EN PACIENTES CON GLAUCOMA DE ÁNGULO ABIERTO NO CONTROLADO POR FÁRMACOS HIPOTENSORES TÓPICOS UTILIZANDO UN SISTEMA DE INSERCIÓN MODIFICADO DE UN SOLO OPERADOR. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.16/507. Una comparación de Bimatoprost LP con trabeculoplastia selectiva con láser en pacientes con glaucoma de ángulo abierto o hipertensión ocular. PI: GARCÍA FEIJOÓ, JULIÁN. Funding Organisation: ALLERGAN LIMITED.

ECL.2019/018. Xplere: Estudio multicéntrico de fase III con doble enmascaramiento y grupos paralelos para comparar la eficacia y la seguridad

de Xlucane frente a Lucentis® en pacientes con degeneración macular neovascular asociada a la edad. PI: DONATE LÓPEZ, JUAN. Funding Organisation: SYNEOS HEALTH UK LIMITED.

DS8201-A - U301/302/303. A phase 2, Multicenter, Open-Label Study of DS 8201-a and Anti-HER2-AntibodyDrug Conjugate ADC for Her2-Positive, Unresectable and/or Metastatic Breast Cancer Subjects Previously Treated with T-DM1. PI: Jose Angel Garcia Saez. Funding Organisation: Daiichi Sankyo.

YO 40482. ESTUDIO EN FASE Ib DE COBIMETINIB ADMINISTRADO EN COMBINACIÓN CON NIRAPARIB, CON O SIN ATEZOLIZUMAB, A PACIENTES CON CÁNCER OVÁRICO EN ESTADIO AVANZADO SENSIBLE AL PLATINO. PI: Dr Antonio Casado. Funding Organisation: F. HOFFMANN - LA ROCHE LTD.

INCB 59872-103. An open-label phase I study of the safety, tolerability and preliminary antitumor activity of INCB 59872 in participants with relapsed or refractory ewing sarcoma. PI: Dr Antonio Casado. Funding Organisation: Incyte corporations.

REC 0559-B-001. Efficacy, Safety and Pharmacokinetics of 3 Doses of REC 0/0559 Eye Drops for the Treatment of Stage 2 (Moderate) and 3 (Severe) Neurotrophic Keratitis in Adult Patients. PI: Jose Manuel Benitez del Castillo. Funding Organisation: Recordati Rare Diseases.

QBGJ 398-302 (PROOF). Ensayo en fase 3, multicéntrico, aleatorizado, con doble enmascaramiento y controlado con placebo de Infigratinib para el tratamiento adyuvante de sujetos con carcinoma urotelial invasivo con alteraciones genéticas susceptibles de FGFR3 (Proof 302). PI: Javier Puen- te Vázquez. Funding Organisation: QED Therapeutics Inc.

BUL-2/EER. Double-blind, randomized, placebo-controlled, phase III study on the efficacy and tolerability of a 48-week treatment with two different doses of budesonide effervescent tablets vs. placebo for maintenance of clinico-pathological remission in adult patients with eosinophilic esophagitis. PI: Constanza Ciriza de los Rios. Funding Organisation: Dr Falk Pharma GMBH.

VF-OS-004/2019. Investigación clínica para valorar la eficacia y la seguridad del gel oftálmico VisuXL® administrado a pacientes afectados por el síndrome del ojo seco (SOS) moderado: un estudio aleatorizado, doble ciego cruzado. PI: Jose Manuel Benitez del Castillo. Funding Organisation: VISUFARMA SpA.

SORAYA IMG853. SORAYA: A Phase 3, Single Arm Study of Mirvetuximab Soravtansine in Advanced High-Grade Epithelial Ovarian, Primary Peritoneal, or Fallopian Tube Cancers with High Folate Receptor-Alpha Expression. PI: Antonio Casado. Funding Organisation: ImmunoGen, Inc.

ACT 1625. Ensayo abierto de un solo brazo para evaluar la actividad antitumoral, la seguridad y la farmacocinética de SAR408701 utilizado en combinación con Ramucirab en pacientes con carcinoma pulmonar no microcítico no escamoso metastásico (CPNM NEM) con tumores CEACAM5 positivos, tratados previamente con quimioterapia a base de platino y con un inhibidor de punto de control inmunitario. PI: Carlos Aguado de la Rosa. Funding Organisation: Sanofi.

SYM 021-02. An Exploratory, Open-label, Multicenter Phase 1b Trial to Evaluate Safety and Efficacy of Sym021 (Anti-PD-1) in Combination with Either Sym022 (Anti-LAG-3) or Sym023 (Anti-TIM-3) in Patients with Advanced Solid Tumor Malignancies. PI: Arancha Manzano. Funding Organisation: Symphogen.

DEBBRAH (MED OPP243). A Multicenter, Open-Label, Single-Arm, Multicohort Phase II Clinical Trial of Trastuzumab Deruxtecan (DS-8201a) in Human Epidermal Growth Factor Receptor 2 (HER2)-Positive Advanced Breast Cancer with Brain Metastases and/or Leptomeningeal Carcinomatosis. PI: Jose ángel García Sáenz. Funding Organisation: MedSIR.

MK 3475 B15 (KeyNote). A Phase 3, Randomized, Open-label Study to Evaluate Perioperative Enfortumab Vedotin Plus Pembrolizumab (MK-3475) Versus Neoadjuvant Gemcitabine and Cisplatin in Cisplatin-eligible Participants with Muscle-invasive Bladder Cancer (KEYNOTE-B15 / EV-304). PI: Javier Puente Vázquez. Funding Organisation: Merck Sharp & Dohme Corp.

DESTINY PANTUMOR. A Phase II, Multicenter, Open-label Study to Evaluate the Efficacy and Safety of Trastuzumab Deruxtecan (T-DXd, DS-8201a) for the Treatment of Selected HER2-expressing Tumors. PI: Arancha Manzano. Funding Organisation: AstraZeneca.

ACT 16146. Estudio de Fase 2, abierto, aleatorizado, para evaluar SAR408701 combinado con pembrolizumab y para evaluar pembrolizumab solo en pacientes con carcinoma pulmonar no microcítico no escamo-

so (CPNM NE) avanzado/ metastásico CEACAM5 y PD-L1 positivo. PI: José Luis González Larrriba. Funding Organisation: Sanofi.

SGN22E-003. An open-label, randomized, controlled phase 3 study of enfortumab vedotin in combination with pembrolizumab versus chemotherapy alone in previously untreated locally advanced or metastatic urothelial cancer. PI: Julián García Feijoo. Funding Organisation: Seagen Inc.

0130A01SA. A phase III multinational, multicenter, investigator -masked, randomised, active-controlled trial, comparing the efficacy and safety of DE-130A with Xalatan in patients with Open-Angle Glaucoma or Ocular Hypertension over a 3 month period, followed by 12 month follow-up with open label DE-130A treatment CATIOPROST. PI: Julian Garcia Feijoo. Funding Organisation: Santen.

INN-005-EXT. A prospective, concurrent controlled, open label, multicenter clinical study to assess the long-term safety of the Preserflo MicroShunt in subjects with primary Open angle glaucoma who have completed participation in the INN-005 randomized controlled study. INNFOCUS EXT . PI: Julian Garcia Feijoo. Funding Organisation: Santen.

CBASICHR0031. Basic human research study of novel glaucoma endpoints and identification of optimal patient populations for neuroprotection trials BASICH. PI: Julian Garcia Feijoo. Funding Organisation: Novartis.

ISM10. Un ensayo clínico prospectivo, abierto, multicéntrico que analiza la eficacia y la seguridad del miniject (MINI SO627) en pacientes con glaucoma de ángulo abierto no controlado por farmacos hipotensores tópicos utilizando un sistema de inserción modificado de un solo operador ISM10. PI: Julian Garcia Feijoo. Funding Organisation: iStar.

1698-302-007. Una extensión del ensayo para evaluar la seguridad y la eficacia a largo plazo del Bimatoprost SR en pacientes con glaucoma de ángulo abierto o hipertensión ocular MAIA. PI: Julian Garcia Feijoo. Funding Organisation: Allergan Limited.

LT4030-301. Efficacy and safety assesment of T4030 eye drops versus Ganfort UD in ocular Hypertensive or Glaucomatous patients IOPTic. PI: Jose Maria Martinez de la Casa. Funding Organisation: Thea.

CRTH258C2301. Estudio de fase III, multicéntrico, aleatorizado, con doble enmascaramiento, de dos grupos y 18 meses de duración que evalúa la eficacia y seguridad del Brolucizumab frente a Aflibercept en pacientes adultos con alteración visual debida a edema macular secundario a oclusión de rama de la vena de la retina (RAPTOR). PI: Lorenzo Lopez Guajardo. Funding Organisation: Novartis.

GTSCOPE. Estudio de la progresion de la enfermedad en sujetos definidos genéticamente con atrofia geografica secundaria a degeneracion macular asociada a la edad. PI: Cristina Calvo Gonzalez. Funding Organisation: Gyroscope Therapeutics.

20170542. Estudio de fase 3, aleatorizado y en doble ciego, sobre la eficacia y seguridad del ABP 938 en comparación con aflibercept (Eylea) en sujetos con degeneración macular neovascular relacionada con la edad. PI: Lorenzo Lopez Guajardo. Funding Organisation: Amgen INC.

ISM04EU. Ensayo clínico prospectivo, abierto, multicéntrico con una cohorte para analizar la eficacia y seguridad del miniject en pacientes europeos con glaucoma de ángulo abierto no controlado con medicamentos hipotensores tópicos ISM04. PI: Julian Garcia Feijoo. Funding Organisation: iSTAR Medical S.A.

XBRI001. Estudio Multicéntrico de fase III con doble enmascaramiento y grupos paralelos para comparar la eficacia y la seguridad de Xlucane frente a Lucentis en pacientes con degeneración macular asociada a la edad (XBRANE). PI: Donate Lopez, Juan. Funding Organisation: Xbrane Biopharma.

QLI205-002. Estudio fase III, randomizado, doble enmascarado, grupo paralelo, multicéntrico para comparar eficacia y seguridad de QLI205 versus Lucentis en sujetos con degeneración macular asociada a la edad neovascular. PI: Lopez Guajardo, Lorenzo. Funding Organisation: Quilu Pharmaceutical Co.

CMO-MA-EYE-0603. Estudio de fase 4, prospectivo, abierto, de 12 meses de duración para evaluar la eficacia y la seguridad de OZURDEX (implante intravítreo de dexametasona) en el tratamiento de pacientes con edema macular diabético que no han recibido tratamiento previo (según la práctica clínica habitual). PI: Jimenez Santos, Maria. Funding Organisation: Allergan Pharmaceuticals International Limited.

LIQ_EMV21. Estudio para la evaluación de resultados visuales y satisfacción del paciente tras implante de lente intraocular monofocal avanzada. PI: Javier Garcia Bella. Funding Organisation: Rayner.



AC-058B302/POINT. Multicenter, randomizer, double-blind, parallel-group, add-on, superiority study to compare the efficacy and safety of ponesimod to placebo in subjects with active relapsing multiple sclerosis who are treated with dimethyl fumarate (Tecfidera). PI: Dra. Oreja-Guevara. Funding Organisation: Actelion Pharmaceuticals.

WO41554. Estudio en fase III, aleatorizado, doble ciego y controlado con placebo para evaluar la eficacia y la seguridad de GDC-0077 más palbociclib y fulvestrant en comparación con placebo más palbociclib y fulvestrant en pacientes con cáncer de mama localmente avanzado o metastásico HER2-Negativo con receptores hormonales positivos y mutación de PIK3CA. PI: Jose Ángel García Sáenz. Funding Organisation: Roche Farma S.A.

INCB 54828-205. A Phase 2, Open-Label, Randomized, Multicenter Study to Evaluate the Efficacy and Safety of Pemigatinib Plus Pembrolizumab Versus Pemigatinib Alone Versus Standard of Care as First-Line Treatment for Metastatic or Unresectable Urothelial Carcinoma in Cisplatin-Ineligible Participants Whose Tumors Express FGFR3 Mutation or Rearrangement (FIGHT-205). PI: Javier Puente Vázquez. Funding Organisation: Incyte Corporations.

D8532C00001. A Randomised, Multicentre, Double-Blind, Phase III Study of AZD9833 (an Oral SERD) plus Palbociclib versus Anastrozole plus Palbociclib for the Treatment of Patients with Estrogen Receptor-Positive, HER2-Negative Advanced Breast Cancer Who Have Not Received Any Systemic Treatment for Advanced Disease. PI: Jose Angel Garcia Saenz. Funding Organisation: AstraZeneca.

MK3475-905. Estudio de fase 3 aleatorizado de cistectomía mas pembrolizumab perioperatorio frente a cistectomía sola en pacientes con cancer de vejiga con invasión muscular que no son aptor para recibir cisplatino. PI: javier Puente Vázquez. Funding Organisation: MSD.

XPF-008-201. Estudio aleatorizado, doble ciego, controlado con placebo, multicentrico para evaluar la seguridad, la tolerabilidad y la eficacia del XEN1101 como tratamiento adyuvante en la epilepsia de inicio focal, con una extensión abierta. PI: Irene Garcia Morales. Funding Organisation: Xenon Pharmaceuticals INC.

42756493BLC2002. Estudio fase 1b-2 para evaluar la seguridad, eficacia, farmacocinética y farmacodinamia de erdafitinib mas JNJ-63723283, un anticuerpo monoclonal anti-PD-1, en sujetos con cancer urotelial metastasico o no resecable con determinadas alteraciones del gen FGFR. PI: Javier Puente Vázquez. Funding Organisation: Janssen research and development.

ECL21/305. ESTUDIO EN FASE III, ALEATORIZADO, CON DOBLE CIEGO Y MULTICÉNTRICO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE OPT-302 INTRAVÍTREO EN COMBINACIÓN CON RANIBIZUMAB, COMPARADO CON RANIBIZUMAB EN MONOTERAPIA, EN PARTICIPANTES CON DEGENERACIÓN MACULAR ASOCIADA . PI: Juan Donate Lopez.

NEC.20 Neurotransmission and Neuromodulation in the Central and Peripheral Nervous System

COMPETITIVE FUNDING

S2017/BMD-3688. Imagen multimodal de la respuesta terapéutica a estrategias multidiana en enfermedades neurológicas. (MULTI-TARGET&VIEW-CM). PI: José Sánchez-Prieto, Magdalena Torres. Funding Organisation: Comunidad de Madrid.

UCJC 2020-33. Optimization of contilisant: design, synthesis, and biological evaluation" (Proyecto OPTICONT). PI: M. Jesús Oset. Funding Organisation: Universidad Camilo José Cela.

UCJC 2020-03. "Nuevas nitronas para la terapia de enfermedades de la edad (Proyecto NNTEE). PI: M. Jesús Oset. Funding Organisation: Universidad Camilo José Cela.

BFU2017-83292-R. Potenciación de la transmisión sináptica por el receptor mGlu7. Ausencia de esta respuesta en un ratón modelo del síndrome de X frágil. PI: José Sánchez-Prieto, Magdalena Torres. Funding Organisation: MINECO.

PID2020-114030RB-I00. Estrategias de rescate de la plasticidad sináptica y función cerebral en un ratón modelo del síndrome del X frágil (RescSynapticFXS). PI: Magdalena Torres, José Sánchez-Prieto. Funding Organisation: MINECO.

NEC.21 Pharmaceutical Innovation in Ophthalmology

COMPETITIVE FUNDING

RED.16/0008/0009. RED OFTARED. PI: ROCÍO HERRERO VANRELL. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

3DNEONET/GA734907. RISE 3D-NEONET- "Drug Discovery & Delivery Network for Oncology and Eye Therapeutics". PI: ROCÍO HERRERO VANRELL. Funding Organisation: UNIÓN EUROPEA.

ORBITAL-ITN. Marie Skłodowska-Curie actions. H2020: Excellent Science Innovative Training Network (ORBITAL) (EU813440) . PI: ROCÍO HERRERO VANRELL. Funding Organisation: UNIÓN EUROPEA.

MAT2017-83858-C2-1-R. MICROTECNOLOGIAS DE APLICACION BIOMEDICA EN EL TRATAMIENTO DE LA NEURODEGENERACION EN EL GLAUCOMA: SISTEMAS HÍBRIDOS BIODEGRADABLES DE AGENTES NEUROPROTECTORES DE APLICACIÓN EN LA POLITERAPIA PERSONALIZADA EN EL GLAUCOMA. PI: ROCÍO HERRERO VANRELL / IRENE BRAVO OSUNA. Funding Organisation: MINISTERIO DE ECONOMÍA, INDUSTRIA Y COMPETITIVIDAD.

PI17/00466. Innovación en formulaciones antiglaucomatosas de administración tópica ocular. Nanosistemas que incrementan la biodisponibilidad asociados a protectores de la superficie ocular. PI: IRENE TERESA MOLINA MARTÍNEZ / JOSÉ MANUEL BENÍTEZ DEL CASTILLO. Funding Organisation: MINISTERIO DE ECONOMÍA, INDUSTRIA Y COMPETITIVIDAD.

PID2020-113281RB-C21. DISEÑO Y EVALUACIÓN DE MICROESFERAS BIODEGRADABLES MULTIDIANA PARA LA TERAPIA DEL GLAUCOMA. PI: ROCÍO HERRERO VANRELL / IRENE BRAVO OSUNA. Funding Organisation: MINISTERIO DE CIENCIA E INNOVACIÓN.

NEC.22 Pathophysiology and INA Neurological Therapeutics (NEURO-INA-IN)

COMPETITIVE FUNDING

JMO.YEI.18. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

JMO.YEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio cofinanciadas por el Fondo Social Europeo a través del Programa Operativo de Empleo Juvenil y la Iniciativa de Empleo Juvenil (YEI). PI: MARTINEZ ORGADO, JOSE. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

CSB.ADQ.16. CIRUGÍA EN LA UNIDAD DE CUIDADOS INTENSIVOS NEONATALES. CÓMO HACER MÁS SEGURO LO DIFÍCIL. PI: SOTO BEAUREGARD, CARMEN. Funding Organisation: FUNDACIÓN AD QUALITATEM.

INT20/00047. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: Jose Martínez Orgado. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

JMO.F01FECYT. DALES UN FUTURO: PREVENIR LAS SECUELAS POR DAÑO CEREBRAL EN EL RECIÉN NACIDO. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: FUNDACIÓN ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGÍA FECYT.

LAG.F01INO. Treatment with Cannabidiol in a piglet model of meconium aspiration syndrome. PI: ARRUZA GÓMEZ, LUIS. Funding Organisation: INO THERAPEUTICS A.B.

FIS.190927. LA UNIDAD NEUROVASCULAR COMO DIANA TERAPEUTICA PARA PREVENIR LAS SECUELAS DEL INFARTO ARTERIAL CEREBRAL ISQUEMICO NEONATAL EN UN MODELO EN RATA. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EUR.TREOCAPA. Prophylactic treatment of the ductus arteriosus in preterm infants by acetaminophen. PI: CORREDERA SANCHEZ, ARACELI. Funding Organisation: COMISIÓN EUROPEA.

CM20/00134. RRHH RIO HORTEGA: Niki Oikonomopoulou. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.20/558. "Estudio multicéntrico, abierto, para evaluar la seguridad, la tolerabilidad y la eficacia a largo plazo de la administración subcutánea mensual de fremanezumab, como tratamiento preventivo de las migrañas crónicas y episódicas en niños de entre 6 y 17 años". PI: DE SANTOS MORENO, TERESA.

ECL.18/315. A multi-center, randomised, parallel-group, single-blind Phase II trial to evaluate the pharmacokinetics and PKPD relationship of trazodone after single and repeated oral doses in children from 2 to ≤17, years of age, suffering from insomnia, with autism, intellectual disability or attention deficit hyperactivity disorder (ADHD). PI: DE SANTOS MORENO, TERESA. Funding Organisation: SYNTERACT GMBH.

AGR.M01EISAI. Colaboración para la realización del estudio de seguimiento prospectivo denominado: "Seguridad neurocognitiva de perampanel como terapia añadida en epilepsia refractaria en la infancia y su relación con el sueño" código "CSC-PER-2019-01". PI: GARCIA RON, ADRIAN. Funding Organisation: EISAI FARMACEUTICA, S.A.

AGR.C01EIS. Colaboración para la realización del Proyecto "Seguridad neurocognitiva del perampanel como terapia añadida en epilepsia refractaria en la infancia y su relación con el sueño". PI: GARCIA RON, ADRIAN. Funding Organisation: EISAI FARMACEUTICA, S.A.

CSB.C01FER. Colaboración reunión científica virtual bajo el título "Disfunción miccional en el niño" el día 21 de octubre de 2021. PI: SOTO BEAUREGARD, CARMEN. Funding Organisation: FERRING SAU.

ECL.20/422. CROSS-SECTIONAL OBSERVATIONAL STUDY TO DESCRIBE THE CLINICAL AND DEMOGRAPHIC PROFILE OF DRAVET SYNDROME PATIENTS IN SPAIN. Estudio observacional transversal para describir el perfil clínico y demográfico del paciente con Síndrome de Dravet en España. Estudio SINDRA. PI: GARCIA RON, ADRIAN.

ECL.21/136. DISFAGIA OROFARÍNGEA EN EL NIÑO PEQUEÑO. GRAVEDAD DE LA DISFAGIA Y ESTADO NUTRICIONAL AL DIAGNÓSTICO Y TRAS MANEJO POR UN EQUIPO MULTIDISCIPLINAR QUE INCLUYA UN LOGOPEDA PEDIÁTRICO. PI: VECINO LOPEZ, RAQUEL."

ECL.19/304. Ensayo aleatorizado de dosis única en pauta ascendente, controlado con placebo y con doble enmascaramiento para evaluar la seguridad, la tolerabilidad y la farmacocinética del GWP42003-P junto con la hipotermia terapéutica en recién nacidos con encefalopatía hipóxico-isquémica moderada o grave. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: PAIDION RESEARCH, INC.

ECL.14/542. EVALUACIÓN ABIERTA DEL PERFIL FARMACOCINETICO POBLACIONAL, DE LA SEGURIDAD, DE LA TOLERABILIDAD Y DE LA EFICACIA DE TAPENTADOL EN SOLUCIÓN INYECTABLE INTRAVENOSA PARA EL TRATAMIENTO DEL DOLOR POSTQUIRURGICO EN NIÑOS DESDE EL NACIMIENTO HASTA MENOS DE 2 AÑOS, INCLUIDOS LOS RECIEN NACIDOS PREMATUROS. PI: SOTO BEAUREGARD, CARMEN. Funding Organisation: GRÜNENTHAL GMBH.

ECL.11/384. Recién nacidos con edad gestacional extremadamente baja asignados al azar, a ciegas, para ser resucitados resucitado con un 30% frente al 60% de oxígeno: influencia sobre la mortalidad y las enfermedades crónicas en el periodo neonatal. PI: ARRUZA CÓMEZ, LUIS. Funding Organisation: INSTITUTO DE INVESTIGACIÓN SANITARIA LA FE.

ECL.2019/067. Estudio abierto con fase de extensión para evaluar la eficacia y la seguridad de perampanel administrado como tratamiento complementario en sujetos pediátricos (de 1 mes a menos de 18 años de edad) con epilepsia infantil. PI: DE SANTOS MORENO, TERESA. Funding Organisation: PHARMACEUTICAL PRODUCT DEVELOPMENT SPAIN, S.L.

ECL.2017/036. Estudio de fase IIb aleatorizado, doble ciego, controlado con placebo para evaluar la seguridad y la eficacia de MEDI8897, un anticuerpo monoclonal con una semivida prolongada frente al virus respiratorio sincitial, en prematuros sanos. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.19/301. Estudio en fase III aleatorizado, doble ciego, controlado con placebo para evaluar la seguridad y la eficacia de MEDI8897, un anticuerpo monoclonal con una semivida prolongada frente al virus respiratorio sincitial, en bebés sanos nacidos prematuros tardíos y a término (MELODY)". PI: MARTINEZ ORGADO, JOSE. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.20/557. Estudio multicéntrico, aleatorizado, con enmascaramiento doble, controlado con placebo, de grupos paralelos para comparar la eficacia, la seguridad y la tolerabilidad de la administración subcutánea de

fremanezumab, comparado con placebo como tratamiento preventivo de las migrañas episódicas en niños de entre 6 y 17 años. PI: DE SANTOS MORENO, TERESA.

ECL.20/550. Estudio multicéntrico, aleatorizado, con enmascaramiento doble, controlado con placebo, de grupos paralelos para comparar la eficacia, la seguridad y la tolerabilidad de la administración subcutánea de fremanezumab, comparado con placebo, como tratamiento preventivo de las migrañas crónicas en niños de entre 6 y 17 años. PI: DE SANTOS MORENO, TERESA.

ECL.19/353(B). Estudio observacional multicéntrico de pacientes con parálisis cerebral infantil: aspectos neurológicos y nutricionales. PI: GARCIA RON, ADRIAN. Funding Organisation: NUTRICIA S.R.L.

JMO.M02CHI. Patrocinio Contrato Taller Lisa en unidad de Neonatología 21 de mayo de 2019. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: CHIESI ESPAÑA SA.

JMO.M01CHI. Patrocinio del Taller práctico Lisa Madrid el 4 de abril de 2018. PI: MARTINEZ ORGADO, JOSE. Funding Organisation: CHIESI ESPAÑA SA.

JMO.F01NAN. Proyecto "New experimental treatments for the prevention of acquired brain damage in newborns". PI: MARTINEZ ORGADO, JOSE. Funding Organisation: THE NANDO AND ELSA PERETTI FOUNDATION.

NEC.23 Biomaterials and Regenerative Medicinerative Medicine

COMPETITIVE FUNDING

MODBIOMAT. Modulación de la respuesta a biomateriales de titanio funcionalizados. PI: José Pérez Rigüero. Funding Organisation: Ministerio de Economía y Competitividad.

NEUROCENTRO-CM B2017/BMD-3760. Centro Tecnológico para el Estudio y Tratamiento Integrado de los Desórdenes Neurológicos. PI: Gustavo Guinea Tortuero. Funding Organisation: Comunidad de Madrid.

COVIDTECH -CM. PLATAFORMA CIENTÍFICO-TECNOLÓGICA PARA EL PRONÓSTICO, DIAGNÓSTICO Y SEGUIMIENTO DE LA ENFERMEDAD COVID19. PI: Gustavo Guinea Tortuero. Funding Organisation: Comunidad de Madrid.

TEC4BIO. NUEVAS TECNOLOGÍAS APLICADAS AL ESTUDIO DE NANOMÁQUINAS BIOLÓGICAS. PI: Gustavo Plaza Baonza. Funding Organisation: Comunidad de Madrid.

NEC.24 Clinical Neuroscience Laboratory

COMPETITIVE FUNDING

819814. RememberEx- Human Subcortical-Cortical Circuit Dynamics for Remembering the Exceptional . PI: Bryan Strange. Funding Organisation: EUROPEAN RESEARCH COUNCIL.

BES-2016-079470. Formación de Peronal Investigador. PI: Bryan Strange. Funding Organisation: Ministerio de Ciencia e Innovación.

EQC2021-006960-P. Magnetómetro por bombeo óptico para uso en neurociencia humana. PI: Bryan Strange. Funding Organisation: MCIN / AEI / 10.13039/501100011033 y la Unión Europea NextGenerationEU/PRTR.

LCF/BQ/DR20/11790034. "Towards in vivo MRI-based diagnostics and tracking of dementia". PI: Bryan Strange. Funding Organisation: InPhINIT Retaining PhD Fellowship.



ONCOLOGY

ONC.1 Clinical and Translational Research in Oncology

COMPETITIVE FUNDING

AOF.YE1.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio cofinanciadas por el Fondo Social Europeo a través del Programa Operativo de Empleo Juvenil y la Iniciativa de Empleo Juvenil (YEI). PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

MHM.YE1.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio cofinanciadas por el Fondo Social Europeo a través del Programa Operativo de Empleo Juvenil y la Iniciativa de Empleo Juvenil (YEI). PI: DE LA HOYA MANTECÓN, MIGUEL. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

INT20/00075. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: Alberto Ocaña. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FI20/00186. CONTRATOS PFIS: ADRIÁN SANVICENTE GARCIA. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191366. Diagnóstico molecular avanzado de la poliposis adenomatosa tipo X: análisis de mosaïcismo genético. PI: GARRE RUBIO, PILAR. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

JMS.C01FIU. Estilos de vida y nutrición asociados a la Hiperplasia Benigna de Próstata. Estudio caso control de base poblacional. PI: MORENO SIERRA, JESÚS. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACIÓN EN UROLOGÍA (FIU).

EUR.BRIDGES. Breast Cancer Risk after Diagnostic Gene Sequencing. PI: DE LA HOYA MANTECÓN, MIGUEL. Funding Organisation: COMISIÓN EUROPEA.

PEJ18/004111. Genómica Funcional y Microarrays. PI: PÉREZ-VILLAMIL SALGADO, BEATRIZ. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

FIS.161669. IDENTIFICACION DE FACTORES BIOLÓGICOS ASOCIADOS A LA PROGRESIÓN METASTÁSICA PRECOZ EN PACIENTES CON CÁNCER DE PROSTATA RESISTENTE A LA CASTRACION MO CON ELEVACION DEL PSA. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

JSV.PAID.17. INMUNIDAD TUMORAL E INMUNOTERAPIA DEL CÁNCER. IMMUNOTHERCAN-CM. PI: PÉREZ-VILLAMIL SALGADO, BEATRIZ. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

FIS.190808. NUEVAS TERAPIAS CONTRA BROMODOMINIOS EN CÁNCER DE MAMA TRIPLE NEGATIVO Y HER2 POSITIVO. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.181020. Papel de los exosomas como reguladores epigenéticos en el microambiente tumoral ¿Posibilidad de revertir el microambiente tumoral activo?. PI: GARCÍA BARBERÁN, VANESA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI20/00110. Regulación del splicing en respuesta a daños en el DNA: implicaciones clínicas en cáncer de mama y ovario hereditario. PI: DE LA HOYA MANTECÓN, MIGUEL. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.19/072. Estudio en fase III, multicéntrico, aleatorizado, abierto y controlado con principio activo de trastuzumab deruxitecan (DS-8201a), un conjugado de fármaco y anticuerpo (CAF) anti-HER2, en comparación con el tratamiento elegido por el médico en sujetos con cáncer de mama irreseccable o metastásico (o ambos) con expresión baja de HER-2. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: DAIICHI SANKYO INC.

ECL.18/387. "A Randomized Phase 2/3 Study of Eryaspase in Combination with Gemcitabine and Carboplatin Chemotherapy versus Chemotherapy Alone for the Treatment of Patients with Metastatic or Locally Recurrent

Triple-Negative Breast Cancer. Estudio de fase 2/3, aleatorizado, de Eryaspase en combinación con quimioterapia con gemcitabina y carboplatino frente a quimioterapia sola para el tratamiento de pacientes con metástasis o cáncer de mama localmente recurrente triple negativo". PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: MEDIDATA SOLUTIONS.

ECL.20/583. A Phase IIIB, Single Arm Study, of Durvalumab in Combination with Platinum-Etoposide for Untreated Patients with Extensive-Stage Small Cell Lung Cancer reflecting Real World Clinical Practice in Spain (CANTABRICO). PI: AGUADO DE LA ROSA, CARLOS.

ECL.20/553. "Ensayo clínico de fase IB de palbociclib y binimetinib en cáncer de mama triple negativo avanzado con hiperactivación de ERK y/o CDK4/6 - Phase IB Clinical trial of palbociclib and binimetinib in advanced triple negative breast cancer with hyperactivation of ERK and/or CDK4/6 / Ensayo clínico de fase IB de palbociclib y binimetinib en cáncer de mama triple negativo avanzado con hiperactivación de ERK y/o CDK4/6". PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/053. "ESTUDIO EN FASE III ALEATORIZADO DE MRTX849 EN COMPARACIÓN CON DOCETAXEL EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO Y MUTACIÓN G12C DE KRAS PREVIAMENTE TRATADO. "A RANDOMIZED PHASE 3 STUDY OF MRTX849 VERSUS DOCETAXEL IN PATIENTS WITH PREVIOUSLY TREATED NON-SMALL CELL LUNG CANCER WITH KRAS G12C MUTATION.". PI: AGUADO DE LA ROSA, CARLOS."

ECL.20/661. "ESTUDIO OBSERVACIONAL RETROSPECTIVO PROSPECTIVO EN PACIENTES CON TUMORES GENITOURINARIOS QUE PRESENTAN INFECCIÓN COVID-19 (SOGUGCOVID-19)". PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/189. «Ensayo clínico de fase II, multicéntrico, abierto, con un único grupo y multicohorte de trastuzumab deruxitecan (DS-8201a) en cáncer de mama avanzado con receptor del factor de crecimiento epidérmico humano 2 positivo (HER2) con metástasis cerebrales o ca. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2019/104. A Phase 1/2 Study of ALKS 4230 Administered Intravenously as Monotherapy and in Combination with Pembrolizumab in Subjects with Advanced Solid Tumors- ARTISTRY-1. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.2019/141. A Phase 1b Dose-Escalation Study of Cabozantinib (XL184) Administered Alone or in Combination with Atezolizumab to Subjects with Locally Advanced or Metastatic Solid Tumors. "Estudio de fase Ib de aumento escalonado de la dosis de cabozantinib (XL184) s. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2018/094. A Phase 3, Global, Multi-Center, Double-Blind, Randomized, Efficacy Study of Zolbetuximab (IMAB362) Plus CAPOX Compared with Placebo Plus CAPOX as First-line Treatment of Subjects with Claudin (CLDN) 18.2-Positive, HER2-Negative, Locally Advanced Unresectable or Metastatic Gastric or Gastroesophageal Junction (GEJ) Adenocarcinoma. PI: SASTRE VALERA, JAVIER. Funding Organisation: PAREXEL INTERNATIONAL (IRL) LIMITED.

ECL.20/761. A Phase 3, Randomized, Double-Blind Study of Pembrolizumab versus Placebo in Combination With Adjuvant Chemotherapy With or Without Radiotherapy for the Treatment of Newly Diagnosed High-Risk Endometrial Cancer After Surgery With Curative Intent (KEYNOTE-B21 / ENGOT-en11 / GOG-3053). Estudio de fase 3, aleatorizado y doble ciego de pembrolizumab frente a un placebo en combinación con quimioterapia adyuvante con o sin radioterapia para el tratamiento del cáncer de endometrio de alto riesgo recién diagnosticado después de una intervención quirúrgica con intención curativa (KEYNOTE-B21 / ENGOT-en11 / GOG-3053). PI: CASADO HERRÁEZ, ANTONIO."

ECL.2017/028. A PHASE 3, RANDOMIZED, OPEN-LABEL STUDY OF LORLATINIB (PF-06463922) MONOTHERAPY VERSUS CRIZOTINIB MONOTHERAPY IN THE FIRST-LINE TREATMENT OF PATIENTS WITH ADVANCED ALK-POSITIVE NON-SMALL CELL LUNG CANCER. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/331. A Phase II Multicenter, Open-label Study in Two Parallel-Groups to Evaluate the Safety and Efficacy of the CD40 Agonistic Antibody APX005M in Adults with Immunotherapy Naive Unresectable or Metastatic Melanoma. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: APEXIGEN, INC.

ECL.2018/072. A phase III randomized, double-blinded trial of platinum-based chemotherapy with or without atezolizumab followed by niraparib maintenance with or without atezolizumab in patients with recurrent ovarian, tubal or peritoneal cancer and platinum treatment-free interval (TFIp) >6 months. PI: MARQUINA OSPINA, GLORIA. Funding Or-

ganisation: GRUPO ESPAÑOL DE INVESTIGACIÓN EN CÁNCER DE OVARIO (GEICO).

ECL.20/187. A PHASE III, OPEN-LABEL, RANDOMIZED STUDY OF ATEZOLIZUMAB AND TIRAGOLUMAB COMPARED WITH DURVALUMAB IN PATIENTS WITH LOCALLY ADVANCED, UNRESECTABLE STAGE III NON-SMALL CELL LUNG CANCER WHO HAVE NOT PROGRESSED AFTER CONCURRENT PLATINUM-BASED CHEMORADIATION (. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/725. A PHASE III, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED CLINICAL TRIAL TO EVALUATE THE EFFICACY AND SAFETY OF ADJUVANT ATEZOLIZUMAB OR PLACEBO AND TRASTUZUMAB EMTANSINE FOR HER2-POSITIVE BREAST CANCER AT HIGH RISK OF RECURRENCE FOLLOWING PREOPERATIVE THERAPY. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

"ECL.20/765. A PHASE IIIB, SINGLE ARM, MULTICENTER STUDY OF ATEZOLIZUMAB IN COMBINATION WITH BEVACIZUMAB TO INVESTIGATE SAFETY AND EFFICACY IN SPANISH PATIENTS WITH UNRESECTABLE OR UNSUITABLE FOR LOCOREGIONAL TREATMENTS HEPATOCELLULAR CARCINOMA NOT PREVIOUSLY TREATED WITH SYSTEMIC THERAPY Estudio Fase IIIB, multicéntrico, de un solo brazo de atezolizumab en combinación con bevacizumab para investigar la seguridad y la eficacia en pacientes españoles diagnosticados de carcinoma hepatocelular irrecesable o no susceptible de tratamientos locoregionales no tratado previamente con terapia sistémica. PI: SASTRE VALERA, JAVIER."

ECL.2018/080. A Randomized, Double-blind, Placebo-Controlled, Phase 2 Study of Cemiplimab Versus the Combination of Cemiplimab With ISA101b in the Treatment of Subjects With HPV16-Positive Platin-Resistant Oropharyngeal Cancer (OPC). PI: PÉREZ SEGURA, PEDRO. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.2017/035. A Randomized, Open-Label, Phase 3 Study of Abemaciclib combined with Standard Adjuvant Endocrine Therapy versus Standard Endocrine Therapy Alone in Patients with High Risk, Node Positive, Early Stage, Hormone Receptor Positive, Human Epidermal Receptor 2 Negative, Breast Cancer. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: LILLY S.A.

ECL.2016/017. An Open-Label, Phase 2 Study of Neratinib in Patients With Solid Tumors With Somatic Human Epidermal Growth Factor Receptor (EGFR, HER2, HER3) Mutations or EGFR gene amplification. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: PIVOTAL S.L.

ECL.20/183. An open-label, randomized, controlled phase 3 study of enfortumab vedotin in combination with pembrolizumab with or without chemotherapy, versus chemotherapy alone in previously untreated locally advanced or metastatic urothelial cancer. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.16/344. Análisis de mediadores solubles, citoquinas y factores angiogénicos circulantes (FACs), como potenciales factores predictivos/prognósticos en el tratamiento con antiangiogénicos tras un fallo a una primera línea de quimioterapia en el carcinoma de pulmón no escamoso avanzado. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/575. ANÁLISIS OBSERVACIONAL DEL TRATAMIENTO CON PALBOCICLIB EN PACIENTES CON CÁNCER DE MAMA AVANZADO O METASTÁSICO RH+/HER2- EN PRIMERA LÍNEA DE TRATAMIENTO DENTRO DE PRÁCTICA CLÍNICA HABITUAL. PI: MORENO ANTÓN, FERNANDO.

ECL.18/263. ANALISIS RETROSPECTIVO, OBSERVACIONAL DEL TRATAMIENTO CON PALBOCICLIB EN PACIENTES CON CÁNCER DE MAMA AVANZADO DENTRO DEL PROGRAMA DE USO COMPASIVO" - "Retrospective observational analysis of palbociclib treatment in patients with advanced breast cancer within a compassionate use programme. PI: MORENO ANTÓN, FERNANDO.

ECL.16/424. ARIEL4 (Assessment of Rucaparib In Ovarian CancEr Trial): Phase 3 Multicenter, Randomized Study of Rucaparib versus Chemotherapy in Patients with Relapsed, BRCA-Mutant, High-Grade Epithelial Ovarian, Fallopian Tube, or Primary Peritoneal Cancer. ARIEL4 (Assessment of Rucaparib In Ovarian CancEr Trial): Estudio de fase III, multicéntrico y aleatorizado para evaluar la eficacia de rucaparib frente a quimioterapia en pacientes con cáncer ovárico epitelial recidivante de alto grado con mutación de BRCA, cáncer peritoneal primario o de trompas de falopio. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: PHARMACEUTICAL RESEARCH ASSOCIATES UK LTD."

ECL.21/123. ASSESSMENT OF EARLY RESISTANCE MECHANISMS TO FIRST-LINE OSIMERTINIB IN EGFR-MUTANT NON-SMALL-CELL LUNG

CANCER (NSCLC) USING SPATIAL TRANSCRIPTOMICS. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.18/511. Atezolizumab, pertuzumab y trastuzumab con quimioterapia como tratamiento neoadyuvante en pacientes con cáncer de mama precoz y localmente avanzado HER2 positivo de alto riesgo.(APTneo). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: FUNDACION GRUPO ESPAÑOL DE INVESTIGACION EN CANCER DE MAMA GEICAM.

ECL.2019/024. BARBICAN: Estudio de fase II abierto y aleatorizado para determinar la contribución de ipatasertib a la quimioterapia neoadyuvante más atezolizumab en mujeres con cáncer de mama triple negativo. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: MEDICA SCIENTIA INNOVATION RESEARCH S.L.(MEDSIR).

ECL.21/479. BLI-O. DESARROLLO DE MARCADORES MOLECULARES EN BIOPSIA LÍQUIDA PARA LARGA SUPERVIVENCIA EN ONCOINMUNOTERAPIA. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/330. CA125 EN SUPERFICIE CELULAR COMO BIOMARCADOR DE RECAÍDAS EN CÁNCER DE OVARIO. PI: MARQUINA OSPINA, GLORIA.

ECL.20/123. Cordoma sacro: un estudio aleatorizado y observacional sobre cirugía versus radioterapia definitiva en enfermedad localizada primaria (SACRO). PI: MARQUINA OSPINA, GLORIA. Funding Organisation: GRUPO ESPAÑOL DE INVESTIGACIÓN EN SARCOMAS (GEIS).

ECL.20/134. Desarrollo de herramientas de gestión de ensayos clínicos urológicos y digitalización de pacientes. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: PUENTE VÁZQUEZ, JAVIER.

ECL.2018/116. Eficacia de olaparib en combinación con trastuzumab en pacientes con cáncer de mama avanzado HER2-positivo, y con mutación en BRCA o Deficiencia en la Recombinación Homóloga (DRH) - Estudio OPHELIA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: MEDICA SCIENTIA INNOVATION RESEARCH S.L.(MEDSIR).

ECL.17/333. EFICACIA Y SEGURIDAD DEL CONCENTRADO DE PLASMA AUTÓLOGO RICO EN FACTORES DE CRECIMIENTO EN EL TRATAMIENTO DEL ENDOMETRIO FINO EN PACIENTES SOMETIDAS A TRANSFERENCIA DE EMBRIONES CRIO-PRESERVADOS: ENSAYO CLÍNICO FASE II. PI: RAFAEL FERNÁNDEZ, SARA.

ECL.20/117. El estudio OVAL: Estudio aleatorizado, controlado, de dos grupos, doble ciego y multicéntrico de ofranergene obadenovec (VB-111) combinado con paclitaxel frente a paclitaxel combinado con placebo para el tratamiento del cáncer de ovario resistente al platino y recurrente. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: KCR S.A.

ECL.2019/152. El estudio OVAL: Estudio aleatorizado, controlado, de dos grupos, doble ciego y multicéntrico de ofranergene obadenovec (VB-111) combinado con paclitaxel frente a paclitaxel combinado con placebo para el tratamiento del cáncer de ovario resistente al platino y recurrente. PI: CASADO HERRÁEZ, ANTONIO.

ECL.2018/144. Elacestrant en monoterapia, en comparación con el tratamiento habitual, en pacientes con cáncer de mama avanzado ER+/HER2- que han recibido previamente un inhibidor de CDK4/6: Ensayo de fase 3, aleatorizado, abierto, controlado con principio activo y multicéntrico (EMERALD). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: PAREXEL INTERNATIONAL (IRL) LIMITED.

ECL.21/294. EMBER-3: ESTUDIO DE FASE 3, ALEATORIZADO, ABIERTO, EN EL QUE SE COMPARA LY3484356 CON LA HORMONOTERAPIA DE PREFERENCIA DEL INVESTIGADOR EN PACIENTES CON CÁNCER DE MAMA LOCALMENTE AVANZADO O METASTÁSICO, CON EXPRESIÓN DE RECEPTORES ESTROGÉNICOS Y SIN SOBREEXPRESIÓN DEL RECEPTOR HER2, QUE ANTERIORMENTE HAN RECIBIDO HORMONOTERAPIA. EMBER-3: A RANDOMIZED, OPEN-LABEL, PHASE 3 STUDY OF LY3484356 VS INVESTIGATOR'S CHOICE OF ENDOCRINE THERAPY, IN PATIENTS WITH ESTROGEN RECEPTOR POSITIVE, HER2 NEGATIVE LOCALLY ADVANCED OR METASTATIC BREAST CANCER PREVIOUSLY TREATED WITH ENDOCRINE THERAPY. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2019/014. Ensayo aleatorizado, fase II, abierto, con el anti-PD1 TSR-042 como terapia de mantenimiento en pacientes con cáncer de cérvix localmente avanzado de alto riesgo después de quimioradioterapia. PI: MARQUINA OSPINA, GLORIA. Funding Organisation: APICES SOLUCIONES S.L.

ECL.20/199. Ensayo clínico de fase II para evaluar la eficacia y seguridad del tratamiento de primera línea con atezolizumab en combinación con paclitaxel y bevacizumab (Avastin®) en pacientes con cáncer de mama triple negativo avanzado o metastásico. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.



ECL.2019/143. Ensayo clínico de fase II, multicéntrico, abierto y de un solo brazo para evaluar la eficacia y seguridad de INCMGA00012 en carcinoma escamoso de pene en estadio avanzado. ORPHEUS. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2019/108. Ensayo Clínico de Fase III, Aleatorizado, Doble Ciego, sobre Quimioterapia Neoadyuvante con Atezolizumab o Placebo en Pacientes con Cáncer de Mama Triple Negativo, seguida de Adyuvancia con Atezolizumab o Placebo. PI: MORENO ANTÓN, FERNANDO. Funding Organisation: FUNDACION GRUPO ESPAÑOL DE INVESTIGACION EN CANCER DE MAMA GEICAM.

ECL.2019/056. Ensayo Clínico de fase III, doble ciego y aleatorizado, para evaluar la eficacia y seguridad de capivasertib + paclitaxel en comparación con un placebo + paclitaxel como tratamiento de primera línea en pacientes con cáncer de mama triple negativo (CMTN) localmente avanzado (inoperable) o metastásico, confirmado histológicamente. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: ASTRAZENECA FARMACEUTICA SPAIN S.A.

ECL.2016/092. Ensayo clínico en fase III, aleatorizado, abierto y multicéntrico para comparar la eficacia y la seguridad de lenvatinib en combinación con everolimus o pembrolizumab frente a sunitinib en monoterapia en el tratamiento de primera línea de sujetos con carcinoma de células renales en estadio avanzado. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.2019/010. ENSAYO CLÍNICO FASE II ABIERTO DE ATEZOLIZUMAB EN COMBINACION CON BEVACIZUMAB COMO PRIMERA LINEA DE TRATAMIENTO PARA PACIENTES CON CANCINOMA DE PULMÓN NO MICROCITICO NO ESCAMOSO LOCALMENTE AVANZADO O METASTASICO SELECCIONADOS SEGÚN CARGA MUTACIONAL TUMORAL (TMB) ALTA-INTERMEDIA. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: FUNDACION GECP.

ECL.21/125. ENSAYO CLÍNICO FASE II DE ATEZOLIZUMAB CON QUIMIOTERAPIA DE INDUCCIÓN MÁS QUIMIORADIOTERAPIA Y TERAPIA DE MANTENIMIENTO CON ATEZOLIZUMAB EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO (CPNM) ESTADIO IIIA-IIIIB NO RESECCABLE. PI: AGUADO DE LA ROSA, CARLOS.

ECL.2019/146. Ensayo clínico fase II multicéntrico aleatorizado para evaluar la eficacia y seguridad de la combinación de nivolumab y paclitaxel en primera línea de tratamiento en pacientes con carcinoma escamoso de cabeza y cuello recurrente o metastásico no candidatos a recibir quimioterapia basada en platino (NIVOTAX). PI: PÉREZ SEGURA, PEDRO. Funding Organisation: APICES SOLUCIONES S.L.

ECL.2019/009. ENSAYO CLÍNICO FASE II RANDOMIZADO DE QUIMIOINMUNOTERAPIA NEO-ADYUVANTE VERSUS QUIMIOTERAPIA SOLA PARA EL TRATAMIENTO DE PACIENTES CON CANCER DE PULMÓN NO MICROCÍTICO (CPNM) LOCALMENTE AVANZADO Y POTENCIALMENTE RESECCABLE. NADIM II: Neo-Adjuvant Immunotherapy. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: FUNDACION GECP.

ECL.2016/083. Ensayo clínico fase II, exploratorio y multicéntrico, de quimioinmunoterapia neo-adyuvante para el tratamiento del cáncer de pulmón no microcítico estadio III operable. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/610. ENSAYO CLÍNICO FASE III DE QUIMIOTERAPIA ADYUVANTE VERSUS QUIMIOINMUNOTERAPIA EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO ESTADIO IB-III A CON RESECCIÓN COMPLETA - A phase III clinical trial of adjuvant chemotherapy vs chemoimmunotherapy for stage IB-III A completely resected non-small cell lung cancer (NSCLC) patients". PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/405. Ensayo clínico fase III, doble ciego, aleatorizado, controlado con placebo que evalúa la eficacia y la seguridad de Capivasertib + Abiraterona versus Placebo + Abiraterona, como tratamiento para pacientes con Cáncer de próstata metastásico de novo, sensible a hormonas (mCPHS) caracterizado por la deficiencia de PTEN (CAPitello-281). PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ASTRAZENECA FARMACEUTICA SPAIN S.A.

ECL.18/579. Ensayo clínico fase III, multicéntrico, aleatorizado y abierto, para evaluar la eficacia y seguridad de ribociclib con terapia endocrina, como tratamiento adyuvante en pacientes con cáncer de mama precoz, receptores hormonales positivos, HER2 negativo (nuevo ensayo clínico en adyuvancia con ribociclib - [LEE011]: NATALEE). PI: MORENO ANTÓN, FERNANDO. Funding Organisation: FUNDACION GRUPO ESPAÑOL DE INVESTIGACION EN CANCER DE MAMA GEICAM.

ECL.2019/078. Ensayo de extensión de fase III, abierto y multicéntrico para estudiar la seguridad y la eficacia a largo plazo en participantes con tumores avanzados que actualmente están en tratamiento o en seguimiento en un ensayo de pembrolizumab. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/820. ENSAYO DE FASE 2, ABIERTO, PARA EVALUAR ENOBLITUZUMAB EN COMBINACIÓN CON RETIFANLIMAB O TEBOTELIMAB, COMO TRATAMIENTO DE PRIMERA LÍNEA EN PACIENTES CON CARCINOMA DE CÉLULAS ESCAMOSAS DE CABEZA Y CUELLO RECURRENTE O METASTÁSICO. PI: PÉREZ SEGURA, PEDRO.

ECL.2019/021. Ensayo de fase 3, aleatorizado y doble ciego de pembrolizumab (MK-3475) más enzalutamida frente a un placebo más enzalutamida en participantes con cáncer de próstata resistente a la castración metastásico (CPRCm) (KEYNOTE-641). PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.20/017. Ensayo de fase 3, aleatorizado y doble ciego de pembrolizumab (MK-3475) más enzalutamida más ADT en comparación con un placebo más enzalutamida más ADT en participantes con cáncer de próstata hormonosensible metastásico (CPHSm) (KEYNOTE-991). PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.2019/013. Ensayo de fase 3, internacional, multicéntrico, aleatorizado y abierto para comparar balixafortida en combinación con eribulina frente a eribulina en monoterapia en pacientes con cáncer de mama HER2 negativo, localmente recurrente o metastásico. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: PPD GLOBAL LIMITED.

ECL.2019/028. ENSAYO DE FASE IB/II QUE EVALÚA LA COMBINACIÓN DE TG4001 Y AVELUMAB EN PACIENTES CON TUMORES MALIGNOS RECURRENTES O METASTÁSICOS POSITIVOS PARA VPH-16. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: APICES SOLUCIONES S.L.

ECL.14/392. Ensayo de fase II aleatorizado, doble ciego, controlado con placebo, de dicloruro de radio-223 en comparación con un placebo cuando se administra a sujetos con cáncer de mama metastásico negativo para HER2, positivo para los receptores hormonales y con metástasis óseas tratadas con hormonoterapia de base. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: BAYER AG.

ECL.21/096. ENSAYO FASE II, MULTICÉNTRICO Y ABIERTO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL TRASTUZUMAB DERUXTECAN (T-DXD, DS-8201A) PARA EL TRATAMIENTO DE TUMORES SELECCIONADOS QUE EXPRESAN HER2 (DESTINY-PANTUMOR02). A PHASE II, MULTICENTER, OPEN-LABEL STUDY TO EVALUATE THE EFFICACY AND SAFETY OF TRASTUZUMAB DERUXTECAN (T-DXD, DS-8201A) FOR THE TREATMENT OF SELECTED HER2-EXPRESSING TUMORS (DESTINY-PANTUMOR02). PI: MANZANO FERNÁNDEZ, ARÁNZAZU."

ECL.2018/117. Ensayo fase III, aleatorizado, abierto, controlado, multicéntrico, internacional de durvalumab en combinación con el tratamiento estándar con quimioterapia y durvalumab en combinación con tremelimumab y el tratamiento estándar con quimioterapia frente al tratamiento estándar con quimioterapia solo, en primera línea en pacientes con cáncer urotelial localmente avanzado irresecable o metastásico "NILE". PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ASTRAZENECA FARMACEUTICA SPAIN S.A.

ECL.20/377. Ensayo fase III, aleatorizado, controlado, multicéntrico de 3 brazos para evaluar osimertinib neoadyuvante en monoterapia o en combinación con quimioterapia, frente a la quimioterapia de referencia, para el tratamiento de pacientes con CPNM resecable con. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/510. ENSAYO FASE III, ALEATORIZADO, DOBLE CIEGO, PARA EVALUAR EL CAMBIO A AZD9833 (SERD ORAL DE NUEVA GENERACIÓN) + INHIBIDOR DE CDK4/6 (PALBOCICLIB O ABEMACICLIB) FRENTE A CONTINUAR CON INHIBIDOR DE LA AROMATASA (LETROZOL O ANASTROZOL) + INHIBIDOR DE CDK4/6 EN PACIENTES CON CÁNCER DE MAMA METASTÁSICO RH +/- HER2 NEG, CON MUTACIÓN DETECTABLE DEL ESRI SIN PROGRESIÓN DE LA ENFERMEDAD DURANTE EL TRATAMIENTO DE 1L CON INHIBIDOR DE LA AROMATASA + INHIBIDOR DE CDK4/6. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2018/084. Ensayo fase III, multicéntrico, aleatorizado, doble ciego y controlado con placebo, de durvalumab (MEDI4736) en combinación con quimioterapia y bevacizumab, seguido de tratamiento de mantenimiento con durvalumab, bevacizumab y olaparib, en pacientes con cáncer de ovario avanzado recién diagnosticado (DUO-O). PI: CASADO HERRÁEZ,

ANTONIO. Funding Organisation: ASTRAZENCA FARMACEUTICA SPAIN S.A.

ECL.20/496. Ensayo internacional fase III, randomizado, doble ciego, multicéntrico, de Monalizumab o placebo en combinación con Cetuximab en pacientes con carcinoma epidermoide de cabeza y cuello recurrente o metastásico tratado previamente con un inhibidor del punto de control inmunitario (INTERLINK-1). PI: CABEZAS CAMARERO, SANTIAGO.

ECL.16/527. Ensayo multicéntrico fase II para evaluar la eficacia y seguridad de pembrolizumab y gemcitabina en pacientes con Cáncer de Mama Avanzado (CMA) HER2 negativo."PANGAEA-Breast". PI: MORENO ANTÓN, FERNANDO. Funding Organisation: FUNDACION GRUPO ESPAÑOL DE INVESTIGACION EN CANCER DE MAMA GEICAM.

ECL.15/555. ENSAYO SOBRE TRATAMIENTO NEOADYUVANTE CON EL ANTICUERPO DIRIGIDO CONTRA PD-L1 EN EL CANCER DE MAMA TRIPLE NEGATIVO LOCALMENTE AVANZADO TRATADO CON NAB-PACLITAXEL Y CARBOPLATINO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: MICHELANGELO TECH S.R.L.

ECL.20/181. Estudio abierto, de un solo brazo, de continuación de tratamiento con darolutamida a pacientes incluidos previamente en estudios promovidos por Bayer//An open-label, single arm, roll-over study to provide continued treatment with darolutamide in partici. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/361. Estudio aleatorizado de fase III de sitravatinib en combinación con nivolumab frente a docetaxel en pacientes con cáncer de pulmón no microcítico no escamoso avanzado con progresión de la enfermedad durante o después de la quimioterapia con platino y el tratamiento con inhibidor de punto de control (SAPPHIRE). PI: AGUADO DE LA ROSA, CARLOS. Funding Organisation: PHARMACEUTICAL RESEARCH ASSOCIATES UK LTD.

ECL.20/255. Estudio aleatorizado en fase III de quimioterapia neoadyuvante seguida de cirugía frente a solo cirugía para pacientes con sarcoma retroperitoneal de alto riesgo (STRASS 2) - "A randomized phase III study of neoadjuvant chemotherapy followed by surgery. PI: CASADO HERRÁEZ, ANTONIO.

ECL.2019/157. Estudio clínico de fase 3, multicéntrico, aleatorizado, doble ciego y con control activo para evaluar la seguridad y la eficacia de lenvatinib (E7080/MK-7902) con pembrolizumab (MK-3475) en combinación con quimioembolización transarterial (QETA) en comparación con QETA en participantes con carcinoma hepatocelular no metastásico incurable (LEAP-012). PI: SASTRE VALERA, JAVIER. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.2019/106. Estudio clínico de fase III aleatorizado, abierto, internacional, multicéntrico, del anticuerpo PD-1 SHR-1210 más mesilato de apatinib (Rivoceranib) en comparación con Sorafenib como tratamiento de primera línea en pacientes con carcinoma hepatocelular (CHC) avanzado que no han recibido previamente tratamiento sistémico. PI: SASTRE VALERA, JAVIER. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.17/492. Estudio de calidad de vida en pacientes con dolor irruptivo oncológico atendidos en los servicios de Oncología Médica. PI: MARQUINA OSPINA, GLORIA.

ECL.19/018. Estudio de detección sistemática con muestras de sangre para identificar a pacientes con mutaciones de HER2 para su inclusión en estudios de investigación clínica con neratinib. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: PIVOTAL S.L.

ECL.21/226. ESTUDIO DE FASE 1A/B EN EL QUE SE EVALÚA LY3484356 EN MONOTERAPIA Y EN COMBINACIÓN CON ABEMACICLIB EN PACIENTES CON CÁNCER DE MAMA METASTÁSICO O LOCALMENTE AVANZADO ER+ Y HER2-. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/143. ESTUDIO DE FASE 1B/2 DEL DOBLE INHIBIDOR MDMX/MDM2, ALRN-6924, PARA LA PREVENCIÓN DE LA MIELOSUPRESIÓN INDUCIDA POR QUIMIOTERAPIA. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/654. Estudio de fase 2 de MRTX849 en combinación con pembrolizumab en pacientes con cáncer de pulmón no microcítico avanzado con mutación KRAS G12C / A Phase 2 Trial of MRTX849 in Combination with Pembrolizumab in Patients with Advanced Non-Small Cell Lung Cancer with KRAS G12C Mutation. PI: AGUADO DE LA ROSA, CARLOS.

ECL.21/182. ESTUDIO DE FASE 2, ABIERTO, ALEATORIZADO, PARA EVALUAR SAR408701 COMBINADO CON PEMBROLIZUMAB Y PARA EVALUAR PEMBROLIZUMAB SOLO EN PACIENTES CON CARCINOMA PULMONAR NO MICROCÍTICO NO ESCAMOSO (CPNM NE) AVANZADO/

METASTÁSICO CEACAM5 Y PD-L1 POSITIVO. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/181. ESTUDIO DE FASE 2, MULTICÉNTRICO Y DE VARIOS GRUPOS PARA EVALUAR PEMBROLIZUMAB (MK-3475) O MK-1308A (CO-FORMULACIÓN DE QUAVONLIMAB (MK-1308)/ PEMBROLIZUMAB) EN PARTICIPANTES CON CÁNCER COLORRECTAL EN ESTADIO IV CON INESTABILIDAD DE MICROSATÉLITES ALTA (MSI-H) O CON DEFECTOS EN LA REPARACIÓN DE LOS ERRORES DE EMPAREJAMIENTO (DMMR): (MK-1308A-008). A PHASE 2, MULTICENTER, MULTI ARM, STUDY TO EVALUATE PEMBROLIZUMAB (MK-3475) OR MK-1308A (CO-FORMULATED QUAVONLIMAB (MK-1308)/PEMBROLIZUMAB) IN PARTICIPANTS WITH MICROSATELLITE INSTABILITY-HIGH (MSI-H) OR MISMATCH REPAIR DEFICIENT (DMMR) STAGE IV COLORECTAL CANCER: (MK-1308A-008). PI: SASTRE VALERA, JAVIER."

ECL.2019/061. Estudio de fase 3 aleatorizado de cistectomía más pembrolizumab perioperatorio frente a cistectomía sola en participantes con cáncer de vejiga con invasión muscular que no son aptos para recibir cisplatino (KEYNOTE-905). PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.21/516. ESTUDIO DE FASE 3 DE MK-4280A (FAVEZELIMAB [MK-4280]) EN COFORMULACIÓN CON PEMBROLIZUMAB [MK-3475] EN COMPARACIÓN CON EL TRATAMIENTO DE REFERENCIA EN PARTICIPANTES CON CÁNCER COLORRECTAL METASTÁSICO POSITIVO PARA PD-L1 TRATADOS PREVIAMENTE. PI: SASTRE VALERA, JAVIER.

ECL.20/612. ESTUDIO DE FASE 3, ABIERTO Y ALEATORIZADO DE MK-6482 EN COMBINACIÓN CON LENVATINIB (MK-7902) FRENTE A CABOZANTINIB EN PARTICIPANTES CON CARCINOMA RENAL AVANZADO QUE HAN MOSTRADO PROGRESIÓN DESPUÉS DEL TRATAMIENTO PREVIO CON ANTI-PD-1/L1. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/645. Estudio de fase 3, abierto y aleatorizado para evaluar la eficacia y la seguridad de pembrolizumab (MK-3475) en combinación con MK-6482 y lenvatinib (MK-7902), o MK-1308A en combinación con lenvatinib, en comparación con pembrolizumab y lenvatinib, como tratamiento de primera línea en participantes con carcinoma renal de células claras (CRcc) avanzado. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/753. ESTUDIO DE FASE 3, ALEATORIZADO Y ABIERTO PARA EVALUAR EL USO PERIOPERATORIO DE ENFORTUMAB VEDOTINA MÁS PEMBROLIZUMAB (MK-3475) FRENTE A GEMCITABINA Y CISPLATINO NEOADYUVANTES EN PARTICIPANTES ELEGIBLES A CISPLATINO CON CÁNCER DE VEJIGA MÚSCULO INVASIVO (KEYNOTE-B15 / EV-304). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2019/016. Estudio de fase 3, aleatorizado y doble ciego de pembrolizumab (MK-3475) más docetaxel más prednisona frente a un placebo más docetaxel más prednisona en participantes con cáncer de próstata resistente a la castración metastásico (CPRCm) sin tratamiento previo con quimioterapia que han mostrado progresión con un fármaco hormonal de última generación (FHUG) (KEYNOTE-921). PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.2019/060. Estudio de fase 3, aleatorizado y doble ciego para evaluar pembrolizumab (MK-3475) perioperatorio + quimioterapia neoadyuvante frente a un placebo perioperatorio + quimioterapia neoadyuvante en participantes con cáncer de vejiga con invasión muscular que son aptos para recibir cisplatino (KEYNOTE-866). PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.21/409. ESTUDIO DE FASE 3, ALEATORIZADO, CONTROLADO CON PLACEBO, DOBLE CIEGO, DE VIMSELTINIB PARA EVALUAR LA EFICACIA Y SEGURIDAD EN PACIENTES CON TUMOR TENOSINOVIAL DE CÉLULAS GIGANTES (MOTION). PI: CASADO HERRÁEZ, ANTONIO.

ECL.2018/132. Estudio de fase 3, aleatorizado, doble ciego y controlado con placebo de cabozantinib (XL184) en pacientes con cáncer diferenciado de tiroides resistente a radioyodo que han progresado después de tratamiento dirigido previo con VEGFR-. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: EXELIXIS, INC.

ECL.21/051. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, EN EL QUE SE EVALÚA ABEMACICLIB CON LA HORMONOTERAPIA ADYUVANTE DE REFERENCIA EN PARTICIPANTES CON CÁNCER DE MAMA HR+, HER-2+, DE RIESGO ALTO Y CON AFECTACIÓN GANGLIONAR, QUE HAYAN COMPLETADO UN TRATAMIENTO ADYUVANTE DIRIGIDO AL HER2. EMONARCHER: A RANDOMIZED, DOUBLE BLIND, PLACEBO-CONTROLLED PHASE 3 STUDY OF ABEMACICLIB



PLUS STANDARD ADJUVANT ENDOCRINE THERAPY IN PARTICIPANTS WITH HIGH-RISK, NODE-POSITIVE, HR+, HER2+ EARLY BREAST CANCER WHO HAVE COMPLETED ADJUVANT HER2-TARGETED THERAPY. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2016/048. Estudio de Fase 3, multicéntrico, aleatorizado y abierto, de 3 grupos: encorafenib + cetuximab, con o sin binimetinib, frente a irinotecán/cetuximab o 5-fluorouracilo (5-FU)/ácido folínico (FA)/irinotecán (FOLFIRI)/cetuximab en infusión, con una evaluación previa de la seguridad de encorafenib + binimetinib + cetuximab, en pacientes con cáncer colorrectal metastásico con la mutante V600E del gen BRAF. PI: SASTRE VALERA, JAVIER. Funding Organisation: PAREXEL INTERNATIONAL (IRL) LIMITED.

ECL.2018/156. Estudio de fase I para evaluar la seguridad, la tolerabilidad y la farmacocinética de INCMGA00012 (anteriormente MGA012) en pacientes con tumores sólidos avanzados. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: KCR S.A.

ECL.20/359. Estudio de fase Ib/II abierto para evaluar tazemetostat en combinación con enzalutamida o abiraterona/prednisona en pacientes con cáncer de próstata resistente a la castración metastásico, que no han recibido quimioterapia previa. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.17/089. ESTUDIO DE FASE II CON EL ANTICUERPO ANTI-PD-L1 ATEZOLIZUMAB, BEVACIZUMAB Y ÁCIDO ACETILSALICÍLICO PARA INVESTIGAR LA SEGURIDAD Y LA EFICACIA DE ESTA COMBINACIÓN EN EL ADENOCARCINOMA DE OVARIO, DE TROMPA DE FALOPIO O PERITONEAL PRIMARIO, RECURRENTE Y RESISTENTE AL PLATINO. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: EUROPEAN ORGANIZATION FOR RESEARCH AND TREATMENT OF CANCER (EORTC).

ECL.20/526. Estudio de fase II, abierto, multicéntrico e internacional, de Durvalumab tras radioterapia en pacientes con cáncer de pulmón no microcítico en estadio III, no resecable, que no son elegibles para quimioterapia (DUART)*. PI: AGUADO DE LA ROSA, CARLOS.

ECL.20/748. ESTUDIO DE FASE II, ALEATORIZADO, ABIERTO, DE 2 BRAZOS DE TRATAMIENTO DE ABEMACICLIB EN COMBINACIÓN CON TERAPIA ENDOCRINA (LETROZOL O FULVESTRANT) CON O SIN UN CICLO CORTO DE QUIMIOTERAPIA DE INDUCCIÓN CON PACLITAXEL COMO TRATAMIENTO DE PRIMERA LÍNEA EN PACIENTES CON CÁNCER DE MAMA HR POSITIVO/HER2 NEGATIVO LOCALMENTE AVANZADO E IRRESECCABLE O METASTÁSICO CON CRITERIOS DE ENFERMEDAD AGRESIVA (ABIGAIL). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/184. Estudio de fase II, aleatorizado, abierto, internacional y multicéntrico, para comparar la eficacia de la quimioterapia estándar frente a letrozol más abemaciclib como terapia neoadyuvante en pacientes con cáncer de mama con RH-positivo/HER2-negativo de r. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2018/130. Estudio de fase II, internacional, multicéntrico, randomizado y abierto para evaluar la eficacia y la seguridad de la continuación de palbociclib en combinación con terapia endocrina de segunda línea en pacientes con cáncer de mama avanzado con receptores hormonales positivos y HER2 negativo tras beneficio clínico durante el tratamiento de primera línea basado en palbociclib. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: MEDICA SCIENTIA INNOVATION RESEARCH S.L.(-MEDSIR).

ECL.20/445. Estudio de fase II/III, aleatorizado, doble ciego, de diseño adaptativo, de GSK3359609 en combinación con pembrolizumab y quimioterapia con 5FU platino frente a un placebo en combinación con pembrolizumab y quimioterapia con 5FU platino para el tratamiento en primera línea del carcinoma de células escamosas de cabeza y cuello recurrente/ metastásico. PI: CABEZAS CAMARERO, SANTIAGO. Funding Organisation: GLAXOSMITHKLINE S.A.

ECL.19/354. ESTUDIO DE FASE III ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO DE IPATASERTIB EN COMBINACIÓN CON ATEZOLIZUMAB Y PACLITAXEL PARA EL TRATAMIENTO DE PACIENTES CON CÁNCER DE MAMA TRIPLE NEGATIVO LOCALMENTE AVANZADO INOPERABLE O METASTÁSICO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: ROCHE FARMA S.A.U.

ECL.2016/078. Estudio de Fase III de BBI-608 en combinación con 5-fluorouracilo, ácido folínico e irinotecán (FOLFIRI) en pacientes adultos con cáncer colorrectal (CCR) metastásico previamente tratado. PI: SASTRE VALERA, JAVIER. Funding Organisation: PAREXEL INTERNATIONAL (IRL) LIMITED.

ECL.20/194. Estudio de fase III internacional, aleatorizado, abierto y con tres grupos paralelos de PF-06801591, un anticuerpo anti-PD-1, en combinación con bacilo de Calmette-Guérin (inducción de BCG con o sin mantenimiento de BCG) frente a BCG (inducción y mantenimiento) en participantes con cáncer de vejiga invasivo, no muscular y de alto riesgo sin tratamiento previo con BCG. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.17/158. ESTUDIO DE FASE III MULTICÉNTRICO, ABIERTO, RANDOMIZADO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE ATEZOLIZUMAB COMPARADO CON QUIMIOTERAPIA EN PACIENTES CON CÁNCER NO MICROCÍTICO DE PULMÓN AVANZADO O RECURRENTE (ESTADIO IIIB NO TRATABLE CON MÚLTIPLES MODALIDADES TERAPÉUTICAS) O METASTÁSICO (ESTADIO IV), NO TRATADOS PREVIAMENTE Y QUE NO SE CONSIDERAN APTOS PARA RECIBIR QUIMIOTERAPIA QUE CONTIENE PLATINO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/026. ESTUDIO DE FASE III, ABIERTO Y ALEATORIZADO DE ATEZOLIZUMAB CON LENVATINIB O SORAFENIB EN COMPARACIÓN CON LENVATINIB O SORAFENIB EN MONOTERAPIA EN CARCINOMA HEPATOCELULAR TRATADO PREVIAMENTE CON ATEZOLIZUMAB Y BEVACIZUMAB. PI: SASTRE VALERA, JAVIER.

ECL.2019/134. Estudio de fase III, aleatorizado y doble ciego de pamrevumab o placebo en combinación con gemcitabina más nab-paclitaxel como tratamiento neoadyuvante en pacientes con cáncer pancreático localmente avanzado irreseccable. PI: SASTRE VALERA, JAVIER. Funding Organisation: PHARMACEUTICAL RESEARCH ASSOCIATES UK LTD.

ECL.2016/099. Estudio de fase III, aleatorizado, de pembrolizumab administrado de forma concomitante con quimiorradioterapia y como tratamiento de mantenimiento frente a la quimiorradioterapia sola en pacientes con carcinoma epidermoide de cabeza y cuello localmente avanzado. PI: PÉREZ SEGURA, PEDRO. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.21/001. ESTUDIO DE FASE III, ALEATORIZADO, EN DOBLE CIEGO Y CONTROLADO CON PLACEBO, DE PLATINO Y PEMETREXED COMO QUIMIOTERAPIA MÁS OSIMERTINIB FRENTE A PLATINO Y PEMETREXED COMO QUIMIOTERAPIA MÁS PLACEBO EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO CON MUTACIÓN DEL EGFR, LOCALMENTE AVANZADO O METASTÁSICO, QUE HA PROGRESADO EXTRACRANEALMENTE TRAS EL TRATAMIENTO DE PRIMERA LÍNEA CON OSIMERTINIB (COMPEL). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.18/310. Estudio de fase III, aleatorizado, secuencial y abierto, para evaluar la eficacia de FOLFOX + panitumumab seguido por FOLFIRI + bevacizumab (Secuencia 1) frente a FOLFOX + bevacizumab seguido por FOLFIRI + panitumumab (Secuencia 2) en pacientes con cáncer colorrectal metastásico no resecable, RAS nativo, tumor primario en lado izquierdo, no tratado previamente: CR-SEQUENCE*. PI: SASTRE VALERA, JAVIER. Funding Organisation: GRUPO DE TRATAMIENTO DE TUMORES DIGESTIVOS (TTD).

ECL.20/754. ESTUDIO DE FASE III, DOBLE CIEGO, MULTICÉNTRICO Y ALEATORIZADO DE ATEZOLIZUMAB (ANTICUERPO ANTI-PD-L1) EN COMPARACIÓN CON UN PLACEBO COMO TRATAMIENTO ADYUVANTE EN PACIENTES CON CÁNCER DE VEJIGA CON INVASIÓN MUSCULAR DE ALTO RIESGO QUE TIENEN NIVELES DE CTDNA POSITIVOS TRAS UNA CISTECTOMÍA. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/055. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO Y ABIERTO EN EL QUE SE COMPARA 177LU-PSMA-617 FRENTE A UN CAMBIO DE TERAPIA DIRIGIDA AL RECEPTOR DE ANDRÓGENOS EN EL TRATAMIENTO DE HOMBRES CON CÁNCER DE PRÓSTATA METASTÁSICO PROGRESIVO RESISTENTE A LA CASTRACIÓN QUE NO HAYAN RECIBIDO TAXANOS. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/054. ESTUDIO DE FASE III, PROSPECTIVO, ALEATORIZADO, ABIERTO E INTERNACIONAL EN EL QUE SE COMPARA 177LU-PSMA-617 EN COMBINACIÓN CON EL TRATAMIENTO DE REFERENCIA CON EL TRATAMIENTO DE REFERENCIA EN MONOTERAPIA EN PACIENTES VARONES ADULTOS CON CÁNCER DE PRÓSTATA METASTÁSICO SENSIBLE A HORMONAS. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/619. ESTUDIO DE IDENTIFICACIÓN DE BIOMARCADORES EN MUESTRAS SECUENCIALES DE PACIENTES CON CÁNCER RENAL. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/644. Estudio de los cambios en el microambiente inmune de cáncer de ovario avanzado en pacientes sometidas a quimioterapia neoadyuvante con o sin bevacizumab. PI: CASADO HERRÁEZ, ANTONIO.

ECL.16/087. Estudio de marcadores pronósticos y predictores en ADN tumoral circulante en pacientes con cáncer de mama avanzado RE positivo hormono-sensible. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/358. Estudio en fase Ib abierto para evaluar la seguridad, tolerabilidad, farmacocinética, inmunogenicidad y actividad antitumoral de MEDI5752 en combinación con axitinib en pacientes con carcinoma de células renales avanzado - "A Phase Ib, Open-label Study. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.15/401. A PROSPECTIVE, MULTICENTRE, OPEN-LABEL, CENTRALLY ALLOCATED, ACTIVE-CONTROLLED, PHASE 2/3 STUDY TO EVALUATE THE EFFICACY AND SAFETY OF MASITINIB IN COMBINATION WITH GEMCITABINE VERSUS GEMCITABINE ALONE IN ADVANCED / METASTATIC EPITHELIAL OVARIAN CANCER PATIENTS IN SECOND LINE BEING REFRACTORY TO FIRST LINE PLATINUM TREATMENT OR IN THIRD LINE. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: AB SCIENCE.

ECL.20/603. Estudio en fase II, multicéntrico, sin enmascaramiento, aleatorizado y controlado para comparar la eficacia del RO7198457 con la estrategia de actitud expectante en pacientes con cáncer colorrectal reseado en estadio II (riesgo elevado) y estadio III que presenten positividad de ADN tumoral circulante (ADNct) tras la resección tumoral. PI: SASTRE VALERA, JAVIER.

ECL.2019/103. Estudio en fase II/III, multicéntrico, aleatorizado, controlado con placebo, de gemcitabina más cisplatino con o sin M7824 (bintrafusp alfa) como tratamiento de primera línea del cáncer de las vías biliares. PI: SASTRE VALERA, JAVIER.

ECL.21/438. ESTUDIO EN FASE IIB, ABIERTO, DE UN SOLO GRUPO Y MULTICÉNTRICO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE ADAVOSERTIB COMO TRATAMIENTO DEL CARCINOMA SEROSO UTERINO RECURRENTE O PERSISTENTE. PI: MARQUINA OSPINA, GLORIA.

ECL.2019/142. Estudio en fase III aleatorizado y doble ciego para evaluar la eficacia y la seguridad de capivasertib + fulvestrant frente a placebo + fulvestrant como tratamiento para el cáncer de mama localmente avanzado (inoperable) o metastásico con receptor hormonal positivo, receptor del factor de crecimiento epidérmico humano 2 negativo (HR+/HER2?) después de la recurrencia o la progresión durante o después del tratamiento con un inhibidor de la aromatasas (CAPItello-291). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: LABCORP DRUG DEVELOPMENT INC.

JGL.F01BOE. ANALISIS DE MUTACIONES EN EGFR EN CTCs DE PACIENTES CON CÁNCER DE PULMON NO MICROCITICO METASTASICO TRATADOS CON INHIBIDORES DE TIROSIN-KINASA. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: BOEHRINGER INGELHEIM ESPAÑA S.A.

ECL.14/445. AXITINIB EN CARCINOMA METASTASICO / AVANZADO DE CELULAS RENALES - UN ESTUDIO NO INTERVENCIONISTA DE RESULTADOS TERAPEUTICOS REALES EN PACIENTES QUE RECIBEN AXITINIB EN SEGUNDA LINEA DESPUES DE RECIBIR SUNITINIB EN PRIMERA LINEA (INLYTA IN ADVANCED/METASTATIC RENALES CELL CARCINOMA - A NON-INTERVENTIONAL STUDY OF REAL WORLD TREATMENT OUTCOMES IN PATIENTS RECEIVING 2ND LINE INLYTA AFTER 1ST LINE SUTENT (ADONIS). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2019/076. Estudio en fase III, abierto, multicéntrico, aleatorizado para comparar NUC-1031 más cisplatino con gemcitabina más cisplatino en pacientes con cáncer de vías biliares localmente avanzado o metastásico sin tratamiento previo. / A Phase III Open-Label, Multi-Centre, Randomised Study Comparing NUC-1031 plus Cisplatin to Gemcitabine plus Cisplatin in Patients with Previously Untreated Locally Advanced or Metastatic Biliary Tract Cancer. PI: SASTRE VALERA, JAVIER. Funding Organisation: DRUGDEV LTD.

ECL.2018/100. Estudio en fase III, aleatorizado y abierto de brigatinib (ALUNBRIGTM) en comparación con alectinib (ALECENSA®) en pacientes con cáncer de pulmón no microcítico avanzado positivo para cinasa de linfoma anaplásico que han progresado con crizotinib (XALKORI®). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: PHARMACEUTICAL RESEARCH ASSOCIATES UK LTD.

ECL.2019/123. ESTUDIO EN FASE III, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE GDC-0077 MÁS PALBOCICLIB Y FULVESTRANT EN COMPARACIÓN CON PLACEBO MÁS PALBOCICLIB Y FULVESTRANT EN PACIENTES CON CÁNCER DE MAMA LOCALMENTE AVANZADO O METASTÁSICO HER2-NEGATIVO CON RECEPTORES HORMONALES POSITIVOS Y MUTA-

CIÓN DE PIK3CA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: ROCHE FARMA S.A.U.

ECL.2018/137. Estudio en fase III, intervencionista, aleatorizado, multicéntrico y abierto de DCC-2618 frente a sunitinib en pacientes con tumores del estroma gastrointestinal avanzados tras el tratamiento con imatinib. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: DECIPHERA PHARMACEUTICALS LLC.

ECL.18/410. Estudio en fase III, multicéntrico, aleatorizado, abierto y controlado con principio activo de DS-8201a, un conjugado de fármaco y anticuerpo anti-HER2, frente a ado-trastuzumab emtansina (T DM1) para sujetos con cáncer de mama irreseccable y/o metastásico que expresa HER2 tratados previamente con trastuzumab y taxano. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.18/409. Estudio en fase III, multicéntrico, aleatorizado, abierto y controlado con principio activo de DS-8201a, un conjugado de fármaco y anticuerpo anti-HER2, frente al tratamiento de elección del investigador para sujetos con cáncer de mama irreseccable y/o metastásico que expresa HER-2 tratados previamente con tratamientos estándares para HER2, incluido T-DM1. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: DRUGDEV LTD.

ECL.2017/012. Estudio en fase III, multicéntrico, randomizado, doble ciego, controlado con placebo para investigar lpatasertib en combinación con Abiraterona más Prednisona/Prednisolona, comparado con placebo en combinación con Abiraterona más Prednisona/Prednisolona, en pacientes adultos con cáncer de próstata resistente a castración metastásico, asintomáticos o levemente sintomáticos que no han sido tratados previamente. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ROCHE FARMA S.A.U.

ECL.20/563. Estudio epidemiológico observacional multicéntrico descriptivo sobre tumores digestivos (RETUD). PI: SASTRE VALERA, JAVIER.

ECL.2018/099. Estudio fase 2 de eficacia y seguridad de Niraparib en hombres con cáncer de próstata metastásico resistente a castración y anomalías en la reparación de ADN. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: JANSSEN-CILAG S.A. JSV.F01MERCK. CANCER DE COLON. PI: SASTRE VALERA, JAVIER. Funding Organisation: MERCK, S.L.U.

JPV.C01AST. Colaboración para la realización del Proyecto "Identificación de factores biológicos asociados a la progresión metastásica precoz en pacientes con cáncer de próstata resistente a la castración M0 con elevación del PSA". PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ASTELLAS PHARMA, S.A.

ECL.2019/118. Estudio fase 3, aleatorizado, multicéntrico, doble ciego, controlado con placebo, de nivolumab frente a placebo en combinación con quimioterapia neoadyuvante y tratamiento hormonal adyuvante en pacientes con cáncer de mama primario de alto riesgo, receptores estrogénicos positivos (RE+) y receptor del factor de crecimiento epidérmico humano 2 negativo (HER2-). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.14/419. ENSAYO ALEATORIZADO DE FASE III DE MK-3475 (PEMBROLIZUMAB) FRENTE AL TRATAMIENTO CONVENCIONAL EN SUJETOS CON CÁNCER DE CABEZA Y CUELLO RECURRENTE O METASTÁSICO. PI: PÉREZ SEGURA, PEDRO. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.2019/101. Estudio fase II, aleatorizado, no comparativo, neoadyuvante, en pacientes con cáncer de mama RE+/HER2- ³ 2 cm con preinclusión de seguridad, para evaluar nivolumab + abemaciclib o palbociclib + anastrozol. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: BRISTOL-MYERS SQUIBB INTERNACIONAL COPORATION BMSIC.

ECL.13/392. ENSAYO CLINICO ALEATORIZADO DE FASE III COMPARANDO UNA ESTRATEGIA BASADA EN EL ANALISIS MOLECULAR CON LA ESTRATEGIA EMPIRICA EN PACIENTES CON CARCINOMA DE ORIGEN PRIMARIO DESCONOCIDO (CUP). PI: CASADO HERRÁEZ, ANTONIO.

ECL.13/131. ENSAYO CLINICO EN SAFSE 3, ALEATORIZADO, MULTICÉNTRICO, DOBLE CIEGO CON PD0332991 (INHIBIDOR ORAL DE CDK 4/6) EN COMBINACION CON LETROZOL COMPARADO CON PLACEBO MAS LETROZOL EN EL TRATAMIENTO DE PACIENTES POSMENOPAUSICAS CON CANCER DE MAMA RE (+), HER2 (-) QUE NO HAN RECIBIDO TRATAMIENTO SISTEMICO PREVIO PARA LA ENFERMEDAD AVANZADA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.18/457. Estudio fase III, aleatorizado, doble ciego, controlado con placebo que evalúa la eficacia y la seguridad de canakinumab en combinación con docetaxel frente a placebo en combinación con docetaxel,



en pacientes con cáncer de pulmón de células no pequeñas (CPCNP) tratados previamente con inhibidores de PD-(L)1 y quimioterapia basada en platino (CANOPY-2). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.18/449. Estudio fase III, aleatorizado, doble ciego, controlado con placebo que evalúa la eficacia y seguridad de pembrolizumab más quimioterapia basada en doblete de platino con o sin canakinumab, como terapia de primera línea para pacientes con cáncer de pulmón de células no pequeñas escamoso o no escamoso, localmente avanzado o metastásico (CANOPY-1). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.15/488. Ensayo clínico fase II con vinorelbina oral metronómica y cisplatino trisemanal como tratamiento de inducción y posterior concomitancia con radioterapia (RT) en pacientes con cáncer de pulmón no microcítico (CPNM) localmente avanzado irresecable. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: GRUPO ESPAÑOL DE CANCER DE PULMON.

ECL.15/301. Ensayo Clínico Fase III, prospectivo, aleatorizado, doble ciego, de quimioterapia adyuvante con MEDI4736 versus placebo en pacientes con cáncer de pulmón no microcítico con resección completa. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.13/356. ENSAYO DE FASE II/III ALEATORIZADO DE DOS DOSIS DE MK-3475 (SCH900475) FRENTE A DOCETAXEL EN SUJETOS CON CÁNCER DE PULMÓN NO MICROCÍTICO TRATADOS PREVIAMENTE. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.17/149. Estudio multicéntrico de fase II para comparar la eficacia del inhibidor de la angiogénesis por vía oral nintedanib con el compuesto citotóxico intravenoso ifosfamida en el tratamiento de pacientes con sarcoma de partes blandas metastásico avanzado después del fracaso de una quimioterapia sistémica de primera línea sin oxazafosforinas para la enfermedad inoperable, "ANITA". PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: EUROPEAN ORGANIZATION FOR RESEARCH AND TREATMENT OF CANCER (EORTC).

ECL.13/184. ENSAYO DE FASE III DE QUIMIOTERAPIA POSTOPERATORIA FRENTE A NINGUN TRATAMIENTO POSTERIOR EN PACIENTES CON CÁNCER DE ENDOMETRIO DE RIESGO INTERMEDIO O ALTO, EN ESTADIOS I O II, CON GANGLIOS NEGATIVOS. PI: CASADO HERRÁEZ, ANTONIO.

ECL.15/446. ENSAYO FASE III, ALEATORIZADO, ABIERTO, CONTROLADO, MULTICENTRICO, INTERNACIONAL, CON MEDI4736 EN MONOTERAPIA Y MEDI4736 EN COMBINACIÓN CON TREMELIMUMAB FRENTE AL TRATAMIENTO ESTANDAR CON QUIMIOTERAPIA EN PRIMERA LINEA, EN PACIENTES CON CARCINOMA UROTELIAL DE VEJIGA IRRESECABLE EN ESTADIO IV. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.15/496. ENSAYO FASE III, ALEATORIZADO, ABIERTO, MULTICENTRICO, INTERNACIONAL, CON MEDI4736 EN MONOTERAPIA O EN COMBINACIÓN CON TREMELIMUMAB FRENTE A TRATAMIENTO ESTANDAR EN PRIMERA LINEA EN PACIENTES CON CARCINOMA EPIDERMÓIDE DE CABEZA Y CUELLO RECURRENTE O METASTASICO (KESTREL). PI: PÉREZ SEGURA, PEDRO.

ECL.2019/128. Estudio multicéntrico, abierto, fase II, para evaluar la eficacia y seguridad de Niraparib más un inhibidor de la aromatasa, en pacientes con cáncer de mama metastásico con receptor hormonal positivo (HR)Positivo/ Receptor 2 del factor de crecimiento epidérmico negativo (HER2)Negativo con BRCA germinal mutado o BRCA silvestre mutado y Deficiencia en la recombinación homóloga (HRD). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: MEDICA SCIENTIA INNOVATION RESEARCH S.L.(MEDSIR).

ECL.14/149. Ensayo fase III, multicéntrico, aleatorizado, doble ciego, de grupos paralelos, controlado con placebo, para evaluar la eficacia y la seguridad de olaparib frente a placebo como tratamiento adyuvante de pacientes con cáncer de mama HER>2 negativo de alto riesgo y mutaciones germinales de BRCA1/2, que han finalizado el tratamiento local y la quimioterapia neoadyuvante o adyuvante. Estudio Olympia. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.15/228. Estudio abierto, de grupo único y multicéntrico para evaluar la seguridad y la eficacia clínica de la monoterapia de mantenimiento con cápsulas de Lynparza (Olaparib) en pacientes con cáncer de ovario recidivante con mutación de BRCA y sensible al platino que están en respuesta parcial o completa tras una quimioterapia basada en platino (ORZORA). PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.15/453. ESTUDIO ABIERTO, MULTINACIONAL Y MULTICENTRICO, ACERCA DEL TRATAMIENTO EN LA PRACTICA REAL CON AZD9291 EN MONOTERAPIA EN PACIENTES CON CANCER DE PULMON NO MICROCITICO (CPNM) CON LA MUTACION T790M DEL RECEPTOR DEL FACTOR DE CRECIMIENTO EPIDERMICO (EGFR), AVANZADO/METASTASICO, QUE HAN RECIBIDO PREVIAMENTE TRATAMIENTO CON UN INHIBIDOR DE LA TIROSINA CINASA DEL EGFR (EGFR-TKI). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.2018/101. Estudio multicéntrico, de un solo grupo y abierto, de enfortumab vedotin (ASG-22CE) en el tratamiento de pacientes con cáncer urotelial localmente avanzado o metastásico que han recibido previamente inhibidores de los puntos de control (checkpoint inhibitor, CPI) inmunológicos. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2019/098. Estudio multicéntrico, doble ciego, aleatorizado y controlado de M7824 con quimiorradioterapia concurrente seguida de M7824 en comparación con quimiorradioterapia concurrente más placebo seguida de durvalumab en participantes con cáncer de pulmón no microcítico irresecable en estadio III. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.13/440. ESTUDIO ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, DE LEE011 EN COMBINACIÓN CON LETROZOL PARA EL TRATAMIENTO DE MUJERES POSTMENO: "AUSICAS CON CANCER DE MAMA AVANZADO CON RECEPTOR HORMONAL POSITIVO, HER-2-NEGATIVO QUE NO HAN RECIBIDO TERAPIA PREVIA PARA LA ENFERMEDAD AVANZADA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ECL.2016/032. Estudio Cesto, abierto, multicéntrico, global, en fase II con Entrectinib para el tratamiento de pacientes con tumores sólidos localmente avanzados o metastásicos que albergan reordenaciones en los genes NTRK1/2/3, ROS1 o ALK. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL.18/570. ESTUDIO OBSERVACIONAL DESCRIPTIVO SOBRE LAS CARACTERÍSTICAS DEL MELANOMA AVANZADO Y METASTÁSICO EN ESPAÑA. PI: AGUADO DE LA ROSA, CARLOS. Funding Organisation: GRUPO ESPAÑOL MULTIDISCIPLINAR DE MELANOMA (GEM).

ECL.15/395. ESTUDIO DE FASE 3, ALEATORIZADO DE MARGETUXUMAB MAS QUIMIOTERAPIA FRENTE A TRASTUZUMAB MAS QUIMIOTERAPIA EN PACIENTES CON CANCER DE MAMA METASTASICO HER2+ QUE HAN RECIBIDO DOS TRATAMIENTOS ANTI-HER2 PREVIOS Y QUE PRECISAN TRATAMIENTO SISTÉMICO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: PAREXEL INTERNATIONAL (IRL) LIMITED.

ECL.13/430. ESTUDIO DE FASE 3, ALEATORIZADO Y EN DOBLE CIEGO, DEL TRATAMIENTO DE MANTENIMIENTO CON NIRAPARIB FRENTE A PLACEBO EN PACIENTES CON CANCER DE OVARIO SENSIBLE AL PLATINO. PI: CASADO HERRÁEZ, ANTONIO.

ECL.14/215. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, EN EL QUE SE EVALUA FULVESTRANT EN COMBINACIÓN O NO CON LY2835219, UN INHIBIDOR DE LAS CDK4/6, EN MUJERES CON CANCER DE MAMA LOCALMENTE AVANZADO O METASTASICO RECEPTOR HORMONAL POSITIVO, HER2 NEGATIVO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.15/224. Estudio de fase 3, controlado con placebo, de carboplatino/paclitaxel con o sin tratamiento concomitante y seguidamente de mantenimiento de veliparib (un inhibidor de la PARP) en pacientes con carcinoma epitelial seroso de ovario, tubárico o peritoneal primario de alto grado en estadio III o IV no tratado previamente. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: ABBVIE SPAIN, S.L.U.

ECL.19/300. Estudio observacional y retrospectivo, sobre el valor pronóstico de la expresión de PDL1 y otros marcadores moleculares angiogénicos, en pacientes con carcinoma de células renales (CCR) avanzado o metastásico tratados con fármacos antiangiogénicos en primera línea. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ALPHA BIORESEARCH S.L.

ECL.15/459. Estudio de fase 3, multicéntrico, abierto y aleatorizado de nab-paclitaxel más gemcitabina en comparación con gemcitabina en monoterapia como tratamiento adyuvante en sujetos con adenocarcinoma pancreático extirpado quirúrgicamente. PI: SASTRE VALERA, JAVIER.

ECL.18/154. Estudio observacional, prospectivo, multicéntrico, multinacional, abierto y en un contexto real del uso de naloxegol en pacientes con diagnóstico de dolor oncológico con estreñimiento inducido por opioides (EIO). PI: PÉREZ SEGURA, PEDRO. Funding Organisation: API-CES SOLUCIONES S.L.

ECL17/154. Estudio observacional, retrospectivo y multicéntrico para identificar los perfiles de pacientes que más se benefician del tratamiento con Trabectedina en segunda línea en pacientes con sarcoma de tejidos blandos, localmente avanzados o metastáticos, que han progresado a un tratamiento de primera línea. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: GRUPO ESPAÑOL DE INVESTIGACIÓN EN SARCOMAS (GEIS).

ECL17/116. Estudio para evaluar los desenlaces del embarazo y la seguridad de la interrupción del tratamiento endocrino de mujeres jóvenes con cáncer de mama y respuesta al tratamiento endocrino que deseen quedarse embarazadas. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL16/005. ESTUDIO DE FASE II, ABIERTO DE UN SOLO GRUPO Y MULTICENTRICO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE PEMBROLIZUMAB EN MONOTERAPIA EN MUJERES CON CANCER DE OVARIO RECURRENTE AVANZADO (KEYNOTE-100). PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL17/207. Estudio piloto fase II randomizado multicéntrico para evaluar la eficacia y seguridad del tratamiento con FOLFIRI-aflibercept comparado con un tratamiento inicial con FOLFIRI-aflibercept (durante 6 ciclos) seguido de mantenimiento con 5FU-aflibercept en pacientes ancianos con cáncer colorrectal metastático (mCRC) después de fracaso de un régimen con oxaliplatino. PI: SASTRE VALERA, JAVIER. Funding Organisation: GRUPO DE TRATAMIENTO DE TUMORES DIGESTIVOS (TTD).

ECL21/505. ESTUDIO PLATAFORMA DE FASE II, MULTICÉNTRICO Y ABIERTO QUE EVALÚA LA EFICACIA Y LA SEGURIDAD DE NIS793 Y OTRAS COMBINACIONES DE NUEVOS FÁRMACOS EN INVESTIGACIÓN CON EL TRATAMIENTO DE REFERENCIA CONTRA EL CÁNCER PARA LA SEGUNDA LÍNEA DE TRATAMIENTO DEL CÁNCER COLORRECTAL METASTÁSICO. PI: GARCÍA PAREDES, BEATRIZ.

ECL20/442. Estudio posautorización de seguridad para evaluar los riesgos del síndrome mielodisplásico/la leucemia mieloide aguda y las segundas neoplasias primarias en pacientes adultos con cáncer epitelial de ovario, de las trompas de Falopio o peritoneal de tipo primario, sensible al platino, recidivante y seroso de alto grado que reciben tratamiento de mantenimiento con Zejula® (niraparib). PI: MARQUINA OSPINA, GLORIA.

ECL17/098. Estudio prospectivo de la utilidad de la biopsia líquida como factor predictor y pronóstico en pacientes con carcinoma urotelial metastático en progresión tras quimioterapia basada en platino. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL20/702. ESTUDIO RETROSPECTIVO DE LA UTILIZACIÓN DE CETUXIMAB Y PACLITAXEL EN EL TRATAMIENTO DE PRIMERA LÍNEA DE CARCINOMA DE CÉLULAS ESCAMOSAS DE CABEZA Y CUELLO RECURRENTE Y / O METASTÁSICO: DATOS DE VIDA REAL. PI: PÉREZ SEGURA, PEDRO.

ECL21/278. Estudio retrospectivo epidemiológico de revisión de historias clínicas, sobre las características de pacientes, patrones de tratamiento y utilización de recursos en pacientes con cáncer urotelial Localmente avanzado. The EVOLVE Study: A retrospective chart review of the epidemiology, patient characteristics, treatment patterns and resource utilisation of Locally advanced (La) or metastatic urothelial cancer (mUC) in Spain. (La) o metastático (mUC) en España. PI: PUENTE VÁZQUEZ, JAVIER.

ECL20/596. Estudio retrospectivo, multicéntrico de niraparib como terapia de mantenimiento en pacientes con cáncer de ovario recurrente sensibles a platino que han recibido niraparib dentro del Programa de Acceso Expandido en España. PI: MARQUINA OSPINA, GLORIA.

ECL14/449. ESTUDIO DE FASE II, ALEATORIZADO Y DOBLE CIEGO QUE COMPARA EL TRATAMIENTO CADA 3 SEMANAS CON CARBOPLATINO (AUC 5) + 175 MG/M2 DE PACLITAXEL, CON O SIN NINTEDANIB CONCOMITANTE Y DE MANTENIMIENTO, EN EL CARCINOMA DE CUELLO UTERINO AVANZADO O RECIDIVANTE. PI: CASADO HERRÁEZ, ANTONIO.

ECL2018/087. Estudio en fase Ib de cobimetinib administrado en combinación con niraparib, con o sin atezolizumab, a pacientes con cáncer ovárico en estadio avanzado sensible al platino. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: PHARMACEUTICAL RESEARCH ASSOCIATES ESPAÑA.

ECL15/144. ESTUDIO DE FASE II, ALEATORIZADO, DOBLE CIEGO, COMPARATIVO CON PLACEBO, PARA EVALUAR LA EFICACIA Y SEGURIDAD DE FARLETUZUMAB (MORAb-003) EN COMBINACIÓN CON CARBOPLATINO MÁS OACLITAXEL O CON CARBOPLATINO MAS DOXORRUBICINA

LIPOSOMAL PEGILADA (PEGYLATED LIPOSOMAL DOXORUBICIN, PLD) EN PACIENTES CON CANCER DE OVARIO SENSIBLE AL PLATINO CON CA 125 BAJP. PI: CASADO HERRÁEZ, ANTONIO.

EDR.F01SYS. Evaluación de la Sensibilidad del Kit OncoBEAM y la plataforma Idylla para la detección de mutaciones RAS en ctDNA de pacientes con cáncer de colon metastático.(SKYLINE). PI: PÉREZ SEGURA, PEDRO. Funding Organisation: SYSMEX ESPAÑA S.L.

ECL15/002. Estudio de fase II, multicéntrico, abierto de EGF816 en combinación con nivolumab en pacientes adultos con cáncer de pulmón de células no pequeñas con mutación del EGFR y de INC280 en combinación con nivolumab en pacientes adultos con cáncer de pulmón de células no pequeñas con cMet positivo. PI: PUENTE VÁZQUEZ, JAVIER.

ECL20/156. Evaluación de potenciales factores pronósticos/predictivos y esquemas de tratamiento en cáncer de colon metastático (CCRm) tratado con combinaciones de terapia sistémica en segunda línea en la práctica clínica habitual. PROMETEO 2. PI: GARCÍA PAREDES, BEATRIZ. Funding Organisation: GARCÍA PAREDES, BEATRIZ.

ECL14/452. ESTUDIO DE FASE III ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, DE INHIBIDORES DE AROMATASA NO ESTEROIDEOS (ANASTROZOL O LETROZOL) EN COMBINACIÓN CON LY2835219 - UN INHIBIDOR DE CDK4/6-, O CON PLACEBO, EN MUJERES POSMENOPAUSICAS CON CANCER DE MAMA LOCALMENTE RECURRENTE O METASTASICO, CON RECEPTORES HORMONALES POSITIVOS Y HER2 NEGATIVO, NO TRATADAS PREVIAMENTE CON NINGUNA TERAPIA SISTÉMICA PARA ESTA ENFERMEDAD. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: LILLY S.A.

ECL15/527. Estudio de fase III de pembrolizumab (MK-3475) frente a quimioterapia en el carcinoma colorrectal en estadio IV con inestabilidad de microsatélites alta (MSI-H) o con defectos en la reparación de los errores de emparejamiento (dMMR) (KEYNOTE-177). PI: SASTRE VALERA, JAVIER.

ECL2018/145. Fase II, multicéntrico, de un solo brazo, para evaluar la eficacia del tratamiento con sirolimus y ciclofosfamida en condrosarcoma y liposarcoma mixoide irresecable o metastático. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: GRUPO ESPAÑOL DE INVESTIGACIÓN EN SARCOMAS (GEIS).

ECL2016/042. ESTUDIO DE FASE III MULTICÉNTRICO, ABIERTO, RANDOMIZADO DE ATEZOLIZUMAB (ANTICUERPO ANTI-PD-L1) FRENTE A OBSERVACIÓN, COMO TRATAMIENTO ADYUVANTE EN PACIENTES CON CÁNCER DE VEJIGA MÚSCULO-INVASIVO DE ALTO RIESGO, SELECCIONADOS POR PD-L1, TRAS CISTECTOMÍA. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ROCHE FARMA S.A.U.

ACH.C02PHA. Financiación del proyecto "Immunochemistry analysis of ovarian platinum resistant cancer patients after trabectedin treatment in recurrent ovarian cancer patients (ROC). PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: PHARMA MAR, S.A.U.

ECL2016/016. Estudio de fase III multicéntrico, doble ciego, randomizado, controlado con placebo de Atezolizumab (anticuerpo anti-PD-L1) en combinación con Gemcitabina/Carboplatino frente a Gemcitabina/Carboplatino solo en pacientes con carcinoma urotelial localmente avanzado o metastático no tratado previamente, que no son aptos para recibir quimioterapia basada en Cisplatino. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ROCHE FARMA S.A.U.

FMA.M02PFI. Financiación Proyecto "Retrospective observational análisis of Palbociclib treatment in patients with first line therapy for advanced or metastatic breast cancer" (Promotor FIBHCS). PI: MORENO ANTÓN, FERNANDO.

ECL2016/068. Estudio de fase III, aleatorizado y doble ciego de pembrolizumab (MK-3475) más quimioterapia frente a un placebo más quimioterapia para el cáncer de mama triple negativo localmente recurrente e inoperable o metastático, no tratado previamente - (KEYNOTE-355). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL14/541. Estudio de fase III, aleatorizado, controlado con placebo y doble ciego de JNJ-56021927 en combinación con acetato de abiraterona y prednisona en comparación con acetato de abiraterona y prednisona en sujetos con cancer de prostata metastasico resistente a la castración (CPRCm) que no han recibido nunca quimioterapia. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: IQVIA RDS SPAIN S.L.

ECL15/397. Estudio de Fase III, multicéntrico, aleatorizado, en doble ciego y controlado con placebo, para evaluar la eficacia y la seguridad de AZD9291 frente a placebo en pacientes con carcinoma de pulmón no



microcítico con mutación del receptor del factor de crecimiento epidérmico, en Estadio IB-IIIa, tras la resección completa del tumor, con o sin quimioterapia adyuvante (ADAURA). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/042. IMMUNOLOGIC PROGRAM GRANT AT THE EXPERIMENTAL THERAPEUTICS UNIT AT HOSPITAL CLINICO SAN CARLOS. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: OCAÑA FERNANDEZ, ALBERTO.

ECL.2016/003. ESTUDIO DE FASE III, MULTICÉNTRICO, MULTINACIONAL, ALEATORIZADO, ABIERTO. CON GRUPOS PARALELOS SOBRE AVELUMAB* (MSB0010718C) MÁS LOS MEJORES CUIDADOS PALIATIVOS FRENTE A LOS MEJORES CUIDADOS PALIATIVOS SOLOS COMO TRATAMIENTO DE MANTENIMIENTO EN PACIENTES CON CÁNCER UROTELIAL LOCALMENTE AVANZADO O METASTÁSICO SIN PROGRESIÓN DE LA ENFERMEDAD TRAS COMPLETAR LA QUIMIOTERAPIA DE PRIMERA LÍNEA BASADA EN PLATINO. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: PPD GLOBAL LIMITED.

ECL.14/394. ESTUDIO DE FASE IIIb, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, PARA EVALUAR LA EFICACIA Y SEGURIDAD DE CONTINUAR EL TRATAMIENTO CON ENZALUMATIDA EN PACIENTES CON CÁNCER DE PRÓSTATA RESISTENTE A LA CASTRACIÓN METASTÁSICO, QUE NO HAN RECIBIDO QUIMIOTERAPIA PREVIA, QUE HAN EXPERIMENTADO PROGRESIÓN AL TRATAMIENTO CON ENZALUMATIDA SOLA, TRATADOS CON DOCETAXEL MÁS PREDNISOLONA. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.19/566. Incorporating the patient voice in sarcoma research: How can we assess health-related quality of life in this heterogeneous group of patients. PI: CASADO HERRÁEZ, ANTONIO.

ECL.13/134. ESTUDIO DE NERATINIB MÁS CAPECITABINA FRENTE A LAPATINIB MÁS CAPECITABINA EN PACIENTES CON CÁNCER DE MAMA METASTÁSICO HER2+ QUE HAN RECIBIDO PREVIAMENTE DOS O MÁS REGÍMENES ANTI-HER2 PARA ENFERMEDAD METASTÁSICA (NALA). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: GRUPO ESPAÑOL DE ESTUDIO, TRATAMIENTOS Y OTRAS ESTRATEGIAS EXPERIMENTALES EN TUMORES SÓLIDOS (SOLTI).

ECL.14/351. ESTUDIO DOBLE CIEGO DE FASE II DE ASIGNACIÓN ALEATORIA QUE EVALUA EL PAPEL DE LA TERAPIA DE MANTENIMIENTO CON CABOZANTINIB EN SARCOMA INDEFERENCIADO DE ALTO GRADO LIMITADO AL ÚTERO (HGUS) POSTERIOR A UNA CIRUGÍA O DESPUES DE LA ESTABILIZACIÓN O RESPUESTA A DOXORRUBICINA +/- IFOSFAMIDA EN TRATAMIENTO METASTÁSICO DE PRIMERA LÍNEA. PI: CASADO HERRÁEZ, ANTONIO.

ECL.15/489. Estudio en fase Ib/II, abierto y multicéntrico para evaluar la seguridad, la tolerabilidad, la farmacocinética y la actividad antineoplásica preliminar de MEDI4736 en combinación con AZD9150 o AZD5069 en pacientes con tumores sólidos avanzados, en el que posteriormente se compararán AZD9150 y AZD5069 en monoterapia y en combinación con MEDI4736 como tratamiento de segunda línea en pacientes con carcinoma epidermoide de cabeza y cuello recidivante y/o metastásico. PI: PÉREZ SEGURA, PEDRO. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.15/341. ESTUDIO EN FASE II DE PEMBROLIZUMAB (MK-3475) EN MONOTERAPIA EN SUJETOS TRATADOS PREVIAMENTE POR UN CARCINOMA COLORRECTAL CON ALTA INESTABILIDAD DE MICROSATELITES, LOCALMENTE AVANZADO IRRESECCABLE O METASTÁSICO (ESTADIO IV). PI: SASTRE VALERA, JAVIER. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.15/342. Estudio en fase III multinacional, aleatorizado, con doble enmascaramiento y controlado con placebo sobre la eficacia y seguridad de ODM-201 en varones con cáncer de próstata no metastásico de alto riesgo resistente a la castración. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ICON CLINICAL RESEARCH LTD, SOUTH COUNTY.

ECL.15/392. ESTUDIO EN FASE III, ABIERTO Y ALEATORIZADO PARA INVESTIGAR LA EFICACIA Y SEGURIDAD DE ATEZOLIZUMAB (ANTICUERPO ANTI-PD-L1) EN COMPARACIÓN CON EL TRATAMIENTO DE SOPORTE ÓPTIMO DESPUES DE QUIMIOTERAPIA ADYUVANTE BASADA EN CISPLATINO EN PACIENTES SELECCIONADOS POR PD-L1 CON CÁNCER DE PULMON NO MICROCÍTICO EN ESTADIO IB-IIIa TOTALMENTE RESECCADO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2016/058. MEDI4736 combinations in metastatic renal cell carcinoma (CALYPSO). PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: VALL D'HEBRON INSTITUTE OF ONCOLOGY (VHIO).

ECL.20/704. Mejora del manejo clínico del carcinoma renal avanzado mediante tecnologías genómicas (RCC-MARKER). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.15/549. ESTUDIO FASE 2, ALEATORIZADO, MULTICÉNTRICO, ABIERTO, DE 3 GRUPOS, PARA COMPARAR LA EFICACIA DEL TRATAMIENTO DE COMBINACIÓN CON ABEMACICLIB Y TRASTUZUMAB (CON O SIN FULVESTRANT) FRENTE AL ESTANDAR DE TRATAMIENTO CON LA COMBINACIÓN DE TRASTUZUMAB Y LA QUIMIOTERAPIA DE REFERENCIA QUE DETERMINE EL INVESTIGADOR, EN MUJERES CON CÁNCER DE MAMA HR+, HER2+ LOCALMENTE AVANZADO O METASTÁSICO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: LILLY S.A.

ECL.15/396. Estudio fase 3 aleatorizado, doble-ciego y controlado con placebo de JNJ-56021927 más terapia de privación de andrógenos (TPA) frente a TPA en sujetos con cáncer de próstata metastásico hormonosensible (CPmHS) de baja carga tumoral. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.15/477. Monitorización mediante biopsia líquida de los pacientes con cáncer colorrectal metastásico: comparación de plataformas de nueva generación para el genotipado de DNA tumoral circulante. PI: SASTRE VALERA, JAVIER.

ECL.16/033. Estudio fase II, abierto, randomizado, de consolidación de con nivolumab eipilimumab tras quimiorradioterapia en pacientes con carcinoma de pulmón de célula pequeña en estadio limitado. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: GRUPO ESPAÑOL DE CÁNCER DE PULMON.

ECL.20/390. O'CaRE: Estudio observacional retrospectivo europeo de cáncer de ovario para evaluar la carga de la enfermedad, el tiempo hasta el siguiente tratamiento y el uso de recursos sanitarios en la práctica clínica real. PI: MARQUINA OSPINA, GLORIA.

ECL.20/188. Open-label, single -arm trial to evaluate antitumor activity, safety, and pharmacokinetics of SAR408701 used in combination with ramucirumab in metastatic, nonsquamous, non-small-cell lung cancer (NSQ NSCLC) patients with CEACAM5-positive tumors, previous. PI: AGUADO DE LA ROSA, CARLOS. Funding Organisation: SANOFI AVENTIS, S.A.

ECL.15/393. Estudio fase II, multicéntrico, aleatorizado, doble ciego, de grupos paralelos, para comparar la eficacia y tolerabilidad de Fulvestrant (Faslodex™) 500mg con placebo y Fulvestrant (Faslodex™) 500mg en combinación con el PD-0332991 (Palbociclib) como primera línea de tratamiento para pacientes postmenopáusicas con cáncer de mama metastásico y receptores hormonales positivos, que han completado al menos 5 años de tratamiento adyuvante endocrino y que permanecen libres de enfermedad por más de 12 meses tras la finalización del mismo o que tienen enfermedad metastásica de novo. "Estudio FLIPPER". PI: MORENO ANTÓN, FERNANDO.

ECL.15/528. ESTUDIO FASE III ALEATORIZADO, MULTICÉNTRICO, DOBLE CIEGO, DE NIVOLUMAB, NIVOLUMAB EN COMBINACIÓN CON IPILIMUMAB O PLACEBO COMO TRATAMIENTO DE MANTENIMIENTO EN SUJETOS CON CÁNCER MICROCÍTICO DE PULMON CON ENFERMEDAD EXTENDIDA (CMP.EEx) DESPUES DE TERMINAR QUIMIOTERAPIA DE PRIMERA LÍNEA BASADA EN PLATINO. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.14/049. Estudio fase III que evalúa palbociclib (PD-0332991), un inhibidor de quinasas dependiente de las ciclinas (CDK) 4/6, en pacientes con cáncer de mama primario con receptores hormonales positivos y HER2 normal y alto riesgo de recidiva tras quimioterapia neoadyuvante. Estudio PENELOPEB. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.15/037. Estudio fase III, aleatorizado, doble ciego, controlado con placebo, de LEE011 o placebo en combinación con tamoxifeno y goserelina o de un inhibidor de la aromatasa no esteroide (IANE) y goserelina para el tratamiento de mujeres premenopáusicas con cáncer de mama avanzado con receptor hormonal positivo, HER2 negativo. PI: MORENO ANTÓN, FERNANDO.

GMO.M02ROC. Patrocinio V Jornada sobre Sarcomas de partes Blandas y de los Huesos 13 y 20 de diciembre de 2021 que tendrá lugar en el Hospital Clínico San Carlos. PI: MARQUINA OSPINA, GLORIA. Funding Organisation: ROCHE FARMA S.A.U.

ECL.20/152. Phase I/II randomized clinical trial of selinexor plus gemcitabine in selected advanced soft-tissue sarcoma and osteosarcoma.// Ensayo clínico aleatorizado fase I/II de selinexor más gemcitabina en de-

terminados sarcomas de partes blandas y osteosarcomas avanzados. PI: CASADO HERRÁEZ, ANTONIO.

ECL.20/570. Phase II, multicenter, non-randomized, single-arm, open-label trial of atezolizumab in combination of split-doses of gemcitabine plus cisplatin in patients with locally advanced or metastatic urothelial carcinoma. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.15/478. Estudio observacional para IDentificar pacientes con CPNM avanzado/metastásico y translocación de ALK y ROS1 y conocer su manejo terapéutico (IDEALK&ROS). PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: PFIZER, S.L.U.

ECL.14/404. ESTUDIO OBSERVACIONAL PROSPECTIVO EUROPEO PARA EVALIAR EL RIESGO/BENEFICIO DE VANDETANIB (CAPRELSA) 300MG EN PACIENTES CON MUTACIÓN RET NEGATIVA Y CON MUTACIÓN RET POSITIVA CON CÁNCER MEDULAR DE TIROIDES (CMT) METASTÁSICO O LOCALMENTE AVANZADO, IRRESECABLE, ESPORÁDICO, AGRESIVO Y SINTOMÁTICO. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: WORLDWIDE CLINICAL TRIALS UK LIMITED.

ECL.12/357. FASE Ib-II, ESTUDIO DE VIABILIDAD ABIERTO Y MULTICENTRICO DE PAZOPANIB EN COMBINACIÓN CON PACLITAXEL Y CARBOPLATINO EN PACIENTES CON CARCINOMA DE OVARIO, DE TROMPA DE FALLOPIO O PERITONEAL REFRACTARIO/RESISTENTE AL PLATINO. PI: CASADO HERRÁEZ, ANTONIO.

JMS.M01EAU. Monday, 23 March 2015 - EAU Section Meetings Meeting of the EAU Section of Uro-technology (ESUT) in collaboration with ERUS ESU, and EULIS: "From the prototype to clinical practice - challenging Uro-technology". PI: MORENO SIERRA, JESÚS.

JGL.M03AST. Programa de Actualización Científica en Oncología Médica. Tumores Torácicos, Urológicos y Melanoma. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding Organisation: ASTRAZENECA FARMACEUTICA SPAIN S.A.

ECL.13/339. Phase III study of Palbociclib (PD-0332991) in combination with Endocrine therapy (exemestano or fulvestrant) versus chemotherapy (capecitabine) in Hormonal Receptor (HR) positive/HER2 negative Metastatic Breast Cancer (MBC) patients with Resistance to Aromatase inhibitors (The PEARL study) Estudio fase III de Palbociclib (PD-0332991) en combinación con terapia Endocrina (exemestano o fulvestrant) frente a quimioterapia (capecitabina) en pacientes con Cáncer de Mama Metastásico (CMM) con Receptores Hormonales (RH) positivos y HER2 negativo con Resistencia a inhibidores de Aromatasa. (Estudio PEARL). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding Organisation: FUNDACION GRUPO ESPAÑOL DE INVESTIGACION EN CANCER DE MAMA GEICAM.

ECL.FASE1ONC. Programa de apoyo a la unidad de Fase I de Oncología Médica. PI: MANZANO FERNÁNDEZ, ARÁNZAU.

BPV.M01BAY. PROGNOSTIC VALUE OF THE MOLECULAR SUBTYPES IDENTIFIED IN COLORECTAL CANCER BY MICROARRAY ANALYSIS. PI: PÉREZ-VILLAMIL SALGADO, BEATRIZ. Funding Organisation: BAYER HISPANIA, S.L.U.

ECL.15/266. RADIUM-223 ALPHA EMITTER AGENT IN NON-INTERVENTION SAFETY STUDY IN MCRPC POPULATION FOR LONG-TERM EVALUATION. ESTUDIO NO INTERVENCIONISTA PARA LA EVALUACIÓN A LARGO PLAZO DE LA SEGURIDAD DEL AGENTE EMISOR DE PARTICULAS ALFA RADIO-223 EN PACIENTES CON CÁNCER DE PROSTATA METASTÁSICO RESISTENTE A LA CASTRACIÓN. ESTUDIO REASSURE. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.2018/075. PROSTATEGY: A multi-arm, multi-stage, randomized phase II/III trial of immunotherapy strategies in metastatic hormone-sensitive prostate cancer. Pilot phase. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: OPTIMAPHARM CONTRACT RESEARCH ORGANISATION S.L.U.

ECL.15/544. RIFTOS MKI - pacientes asintomáticos con cáncer diferenciado de tiroides refractario al yodo radioactivo - estudio observacional para evaluar la utilización de inhibidores de multiquinasa. PI: CASADO HERRÁEZ, ANTONIO.

ECL.15/339. SOLAR-1: Estudio de fase III, aleatorizado, doble ciego, controlado con placebo, de apelisib en combinación con fulvestrant en hombres y mujeres posmenopáusicas con cáncer de mama avanzado, receptor hormonal positivo, HER2 negativo que han progresado mientras o después del tratamiento con un inhibidor de la aromatasa. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ACH.C03PHA. Publication regarding Clinical and translational study in platinum resistant patients with recurrent ovarian cancer. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: PHARMA MAR, S.A.U.

ECL.21/206. RADIOTERAPIA A DOSIS BAJAS EN COVID-19: IMPACTO EN LA MORTALIDAD LowRad2-Cov19. PI: VÁZQUEZ MASEDO, MANUEL GONZALO.

ECL.20/197. Randomized, double-blind, phase 3 study of tucatinib or placebo in combination with ado-trastuzumab emtansine (T-DM1) for subjects with unresectable locally-advanced or metastatic HER2+ breast cancer. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/559. REAL-WORLD SURVIVAL OUTCOMES AND SAFETY OF ATEZOLIZUMAB IN LOCALLY ADVANCED OR METASTATIC NON-SMALL-CELL LUNG CANCER IN A SPANISH COHORT - TRACKER STUDY. RESULTADOS DE SUPERVIVENCIA Y SEGURIDAD DE ATEZOLIZUMAB EN VIDA REAL DE UNA COHORTE ESPAÑOLA EN CÁNCER DE PULMÓN NO MICROCÍTICO LOCALMENTE AVANZADO O METASTÁSICO - ESTUDIO TRACKER. PI: AGUADO DE LA ROSA, CARLOS.

ECL.19/148. Reducción de la intensidad de la dosis de denosumab para el tratamiento de mantenimiento de los tumores de células gigantes del hueso irresecables: estudio de fase II multicéntrico "REDUCE" - Reduced dose-density of denosumab for maintenance therapy of unresectable giant cell tumor of bone: a multicenter phase II study "REDUCE". PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: EUROPEAN ORGANIZATION FOR RESEARCH AND TREATMENT OF CANCER (EORTC).

ECL.19/255. Registro clínico de pacientes diagnosticadas con cáncer ginecológico del Grupo Español de Investigación en Cáncer de Ovario (GEICO). PI: CASADO HERRÁEZ, ANTONIO.

ECL.21/581. RETROSPECTIVE MULTICENTER STUDY OF ELDERLY PATIENTS WITH OVARIAN CANCER TREATED WITH TRABECTEDIN AND PLD ACCORDING TO SMPC. ESTUDIO RETROSPECTIVO Y MULTICÉNTRICO DE PACIENTES ANCIANAS CON CÁNCER DE OVARIO TRATADAS CON TRABECTEDINA Y DOXORRUBICINA LIPOSOMAL PEGILADA (DLP) SEGÚN FICHA TÉCNICA. PI: MANZANO FERNÁNDEZ, ARÁNZAU.

JPV.F01AST. REVISION DOCUMENTAL DE ALTERACIONES MOLECULARES EN MUESTRAS DE TEJIDO DE CÁNCER DE PULMÓN. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ASTRAZENECA FARMACEUTICA SPAIN S.A.

ECL.20/508. Rogaratinib, palbociclib and fulvestrant in advanced hormone receptor-positive, FGFR1/2/3-positive breast cancer: phase I clinical trial plus an expansion cohort. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.19/129. ROS/ An observational retrospective study to evaluate the early clinical experience with Trifluridine/Tipiracil in patients with refractory metastatic colorectal cancer. Efficacy and Safety assessment. PI: SASTRE VALERA, JAVIER. Funding Organisation: GRUPO DE TRATAMIENTO DE TUMORES DIGESTIVOS (TTD).

ECL.21/142. SERENA-4: ENSAYO DE FASE III ALEATORIZADO, MULTICÉNTRICO, DOBLE CIEGO, DE AZD9833 (UN SERD, DEGRADADOR SELECTIVO DEL RE, ORAL) MÁS PALBOCICLIB EN COMPARACIÓN CON ANASTROZOL MÁS PALBOCICLIB PARA EL TRATAMIENTO DE PACIENTES CON CÁNCER DE MAMA AVANZADO CON RECEPTORES ESTROGÉNICOS POSITIVOS Y HER2 NEGATIVO QUE NO HAN RECIBIDO NINGÚN TRATAMIENTO SISTÉMICO PARA LA ENFERMEDAD AVANZADA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.18/116. SPECTA: Selección de pacientes con cáncer para acceder de forma eficiente a ensayos clínicos (Screening Cancer Patients for Efficient Clinical Trial Access). PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: EUROPEAN ORGANIZATION FOR RESEARCH AND TREATMENT OF CANCER (EORTC).

ECL.17/290. Un ensayo multicéntrico, abierto, fase 1b/2 de lenvatinib (E7080) más pembrolizumab en sujetos con tumores sólidos seleccionados. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: EISAI LIMITED.

ECL.20/623. Un estudio abierto, multicéntrico y de extensión del tratamiento a largo plazo en sujetos que han completado un estudio previo de niraparib patrocinado por GlaxoSmithKline/TESARO y que el investigador considera que se benefician del tratamiento continuo con niraparib (3000-04-003). PI: CASADO HERRÁEZ, ANTONIO.



ECL.20/494. Analysis of the clinical experience with rucaparib in the rucaparib access program (RAP) in Spain □ A GEICO Study. PI: MARQUINA OSPINA, GLORIA.

ECL.20/198. ENSAYO MULTICOHORTE FASE II DE TRABECTEDINA Y DOSIS BAJAS DE RADIOTERAPIA EN SARCOMAS AVANZADOS/METASTÁSICOS. PHASE II MULTICOHORT TRIAL OF TRABECTEDIN AND LOW-DOSE RADIATION THERAPY IN ADVANCED/METASTATIC SARCOMAS". PI: CASADO HERRÁEZ, ANTONIO."

ECL.15/451. ENSAYO CLINICO DE FASE Ib/II, ALEATORIZADO, DE BI 836845 EN COMBINACIÓN CON EXEMESTANO Y EVEROLIMUS FRENTE A EXEMESTANO Y EVEROLIMUS EN MUJERES CON CANCER DE MAMA LOCALMENTE AVANZADO O METASTASICO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

AMF.M01AST. Financiación estudio MOLECULAR CHARACTERIZATION OF BRCAmut OVARIAN TUMORS AND IDENTIFICATION OF MECHANISMS OF RESISTANCE AND RESPONSE TO OLAPARIB TREATMENT". Estudio RESPOLA. PI: MANZANO FERNÁNDEZ, ARÁNZAZU. Funding Organisation: ASTRAZENCA FARMACEUTICA SPAIN S.A.

ECL.20/561. PROYECTO TUMORES GERMINALES DE! TESTÍCULO - Caracterización genética e inmunológica de un fenotipo resistente de tumores germinales testiculares. PI: SASTRE VALERA, JAVIER.

ECL.20/511. Sym021-02: An Open-Label, Multicenter Phase 1b Dose-Expansion Trial to Determine the safety and Anti-tumor activity of Sym021(Anti-PD-1) in Combination with either Sym022 (Anti-LAG-3) or Sym023 (Anti-TIM-3) in Patients with Advanced Malignancies□. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ONC.2 Cancer and Obesity

COMPETITIVE FUNDING

FIS.190073. Obesidad, microbiota y función telomérica en cáncer. Relevancia de la microbiota en el eje intestino-pulmón. PI: TORRES GARCÍA, ANTONIO JOSÉ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FMM.14.AGB. INFUSIÓN DE CELULAS CD133+ , EN PACIENTES CON METÁSTASIS HEPÁTICAS DE ORIGEN COLORRECTAL QUE VAN A SER SOMETIDOS A UNA RESECCION HEPÁTICA MAYOR (CELLCOL). PI: GARCIA BOTELLA, ALEJANDRA. Funding Organisation: FUNDACION DE INVESTIGACIÓN MEDICA MUTUA MADRILEÑA.

NON COMPETITIVE FUNDING

ATG.F01TYC. CIRUGÍA LAPAROSCÓPICA AVANZADA. PI: TORRES GARCÍA, ANTONIO JOSÉ. Funding Organisation: COVIDIEN SPAIN S.L.U.

ECL.20/121. PREMAS STUDY - PREvalence of MALnutrition in gastrointestinal Surgical oncology patients (Prevalencia de la desnutrición en pacientes oncológicos sometidos a cirugía gastrointestinal). PI: SÁNCHEZ PERNAUTE, ANDRÉS.

ONC.5 Cannabinoid Signaling in Tumor Cells

COMPETITIVE FUNDING

GVD.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: VELASCO DÍEZ, GUILLERMO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

IFI18/00036. CONTRATOS I-PFIS: ESTIBALIZ GABICAGOGASCOA CORTA. PI: VELASCO DÍEZ, GUILLERMO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.180442. Mecanismos de muerte mediada por autofagia en respuesta a fármacos antitumorales y participación de genes reguladores de la autofagia en el control de la tumorigénesis. PI: VELASCO DÍEZ, GUILLERMO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

MV20/00062. MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LA AES (M-AES): ESTIBALIZ GABICAGOGASCOA CORTA. PI: GABICAGOGASCOA CORTA, ESTÍBALIZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

CT4/21/PEJ-2020-AI/BMD-18534. Contrato ayudante de Investigación CAM (Elena Tovar Ambel). PI: VELASCO DÍEZ, GUILLERMO. Funding Organisation: PEJ COMUNIDAD DE MADRID.

CT4/21/PEJ-2020-AI/BMD-18623. Contrato ayudante de Investigación CAM (Paola Martín Cabrera). PI: MAR LORENTE PÉREZ. Funding Organisation: PEJ COMUNIDAD DE MADRID.

FPU17/01497. CONTRATO FPU (Ana García Casas). PI: VELASCO DÍEZ, GUILLERMO. Funding Organisation: PROGRAMA DE FORMACIÓN DE PERSONAL UNIVERSITARIO.

RTI2018-094130-B-I00. Diseño de una nueva estrategia para bloquear la metastasis a través de la inhibición de la SUMOilacion de RAC1. PI: SONIA CASTILLO LLUVA. Funding Organisation: AEI.

NON COMPETITIVE FUNDING

UCM-4157628. Pre-clinical assessment of efficacy of bevacizumab in combination with cannabinoids in glicoma models in vitro and in vivo. PI: VELASCO DÍEZ, GUILLERMO. Funding Organisation: NEURON CONSULTING.

ONC.6 Women's Health Research Group

COMPETITIVE FUNDING

ERP.DEXEUS.19. Análisis de la inmunidad de las mujeres infectadas por el virus del papiloma humano y su relación con la lesión intraepitelial cervical (estudio IMVIR). PI: RUIPEREZ PACHECO, ESTEFANIA. Funding Organisation: FUNDACION SANTIAGO DEXEUS FONT.

NON COMPETITIVE FUNDING

ECL.20/675. A randomized, double-blind, open for active comparator, parallel-group, multicenter Phase 2b study to assess the efficacy and safety of three different doses of P2X3 antagonist (BAY 1817080) versus placebo and elagolix 150 mg in women with symptomatic endometriosis. SCHUMANN // "Ensayo multicéntrico, aleatorizado, doble ciego, de grupos paralelos y abierto para el brazo del comparador activo, de fase IIb para evaluar la eficacia y la seguridad de tres dosis diferentes de un antagonista de P2X3 (BAY 1817080) comparado con placebo y elagolix 150mg en mujeres con endometriosis sintomática. SCHUMANN. ". PI: CRISTOBAL GARCÍA, IGNACIO.

ECL.18/367. Biopsia selectiva de ganglio centinela tras Neoadyuvancia en pacientes con cáncer de mama N1 con respuesta radiológica completa axilar. PI: HERRERA DE LA MUELA, MARIA JOSEFA.

"CONV20/065. Contrato de cesión para el "Ensayo de fase 3 aleatorizado, con doble enmascaramiento y controlado por placebo" con código de Protocolo: MITDo001-C301. PI: CORONADO MARTÍN, PLUVIO JESÚS."

CONV18/064. Contrato desarrollo app cuya finalidad es proporcionar informaciones útiles para la mujer antes, durante y después del parto (contrato ya firmado por la UNED, por la FIBHCSC y por el equipo investigador. PI: IZQUIERDO MÉNDEZ, NURIA. Funding Organisation: UNIVERSIDAD NACIONAL DE EDUCACION A DISTANCIA UNED.

"21/029-E. DETECCIÓN DE HÍBRIDOS PRO-METASTÁSICOS EN EL TUMOR PRIMARIO, METASTÁTICO Y LA CIRCULACIÓN PERIFÉRICA DE PACIENTES CON CÁNCER DE MAMA: UNA ESTRATEGIA PARA SU DESACTIVACIÓN.

DETECTION OF PRO-METASTATIC HYBRIDS IN PRIMARY TUMOUR, PERIPHERAL BLOOD AND METASTASIS FROM PATIENTS WITH BREAST CANCER: A STRATEGY FOR ITS DEACTIVATION. PI: HERRERA DE LA MUELA, MARIA JOSEFA."

ECL.21/593. ENSAYO MULTICÉNTRICO, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA INVESTIGAR LA EFICACIA Y LA SEGURIDAD DE ELINZANETANT PARA EL TRATAMIENTO DE LOS SÍNTOMAS VASOMOTORES EN MUJERES POSMENOPÁUSICAS DURANTE 52 SEMANAS. PI: CRISTOBAL GARCÍA, IGNACIO.

ECL.20/216. Estado de Salud y Calidad de vida en supervivientes a largo plazo de cáncer de mama: Estudio VALOR. PI: HERRERA DE LA MUELA, MARIA JOSEFA. Funding Organisation: HERRERA DE LA MUELA, MARIA JOSEFA.

ECL.21/009. ESTILO DE VIDA Y FACTORES PREDICTIVOS DE AUMENTO PONDERAL EN PACIENTES CON CÁNCER DE MAMA. PI: BRENES SAN-CHEZ, JUANA MARIA.

PCM.M04MSD. Estudio de la efectividad de la vacuna profiláctica frente al virus del papiloma humano en la prevención de recurrencia en muje-

res que han recibido una terapia escisional por HSIL/CIN: Estudio VENUS. PI: CORONADO MARTÍN, PLUVIO JESÚS. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

ECL.21/295. ESTUDIO DE LA IMPLICACIÓN DE LOS TELÓMEROS EN EL ENVEJECIMIENTO Y LA DISFUNCIÓN/INFERTILIDAD DE LOS OVARIOS. "UNDERSTANDING THE IMPLICATION OF THE TELOMERE PATHWAY IN OVARIAN AGING AND DYSFUNCTION/INFERTILITY.". PI: CRISTOBAL GARCÍA, IGNACIO.

ECL.2017/024. Estudio fase 3 prospectivo, aleatorizado, doble ciego, controlado con placebo, de VGX-3100 administrado por vía intramuscular seguido por electroporación con CELLECTRA SPSP para el tratamiento de las lesiones intraepiteliales escamosas de alto grado (HSIL), relacionadas con VPH-16 y/o VPH-18 de cervix. PI: CORONADO MARTÍN, PLUVIO JESÚS. Funding Organisation: PPD INVESTIGATOR SERVICES LLC.

ECL.20/801. ESTUDIO OBSERVACIONAL, PROSPECTIVO Y MULTICÉNTRICO PARA ESTIMAR LA TASA DE CONTINUACIÓN Y LA ACEPTABILIDAD DEL PATRÓN DE SANGRADO EN MUJERES QUE USAN POR PRIMERA VEZ UN SLI-LNG DE BAJA DOSIS. PI: CRISTOBAL GARCÍA, IGNACIO.

ECL.17/242. Estudio observacional, prospectivo y multicéntrico para evaluar el uso clínico de la prueba molecular GynEC®-Dx para el descarte de cáncer de endometrio y posterior seguimiento en mujeres asintomáticas con formaciones polipoideas endometriales. PI: CORONADO MARTÍN, PLUVIO JESÚS. Funding Organisation: LABORATORIOS REIG JOFRE S.A.

ECL.21/201. IMPLICACIONES PSICOLÓGICAS DE LAS CIRUGÍAS REDUCTORAS DE RIESGO EN PROCESOS ONCOLÓGICOS DE CÁNCER HEREDOFAMILIAR. PI: OLIVARES CRESPO, M^º EUGENIA.

LGO.M01ALL. Patrocinio Curso de Sonoanatomía de miembro superior e inferior. Bloqueo ecoguiado de nervios periféricos. Infiltración ecoguiada de toxina botulínica en espasticidad" que tendrá lugar los días 12 y 13 de noviembre 2021. PI: GARVIN OCAMPOS, LUCIA. Funding Organisation: ALLERGAN, S.A.U.

PCM.M05MSD. Patrocinio Programa de la XIV Jornada de Formación en Patología del Tracto Genital Inferior y Colposcopia que tendrá lugar del 26 al 27 de mayo de 2021, en las Instalaciones del Hospital Clínico San Carlos. PI: CORONADO MARTÍN, PLUVIO JESÚS. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

MHM.M01UCM. CLASES PRÁCTICAS IMPARTIDAS EN EL MASTER PROPIO UCM EN REPRODUCCIÓN HUMANA (Edición 2014/15). PI: HERRÁIZ MARTÍNEZ, MIGUEL ÁNGEL. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

PCM.F01SANOFI. ESTUDIO DE LA ENOXAPARINA MENSUAL EN LOS CÁNCERES GINECOLÓGICOS. PI: CORONADO MARTÍN, PLUVIO JESÚS. Funding Organisation: SANOFI AVENTIS, S.A.

ECL.15/433. Estudio multicéntrico fase IV, observador ciego, aleatorizado, cruzado, controlado con placebo para evaluar la inmunogenicidad y seguridad de una dosis única de Boostrix® en mujeres embarazadas. PI: ASENJO DE LA FUENTE, JUAN ELOY.

OTHER LARGE SYSTEMS

OGS.1 Brain Glucose Sensors, Control of Satiety, Obesity and Type 2 Diabetes

COMPETITIVE FUNDING

PR87/19-22548. ABORDAJE DE SENSORES DE NUTRIENTES (PASK/AMPK) PARA CONTROLAR LA OBESIDAD. IMPLICACIONES DEL TEJIDO ADIPOSO Y LOS GENES DEL RELOJ. PI: CARMEN SANZ MIGUEL. Funding Organisation: UNIVERSIDAD COMPLUTENSE MADRID.

PR2007.18/01. SIGNIFICACIÓN DEL HIPOMETABOLISMO CEREBRAL DE GLUCOSA Y DE LAS ALTERACIONES DE LA TRASDUCCIÓN DE SEÑALES DE INSULINA EN UN MODELO EXPERIMENTAL DE ESCLEROSIS LATERAL AMIOTRÓFICA (ELA). PI: ENRIQUE BLAZQUEZ/MIGUEL ANGEL POZO. Funding Organisation: FUNDACIÓN RAMÓN ARECES.

OGS.12 Clinical Pharmacology

COMPETITIVE FUNDING

ECL.21/663. Prospective study to establish the immune status in the elderly after receiving a full course of vaccination. ENE-COVID SENIOR. PI: PORTOLÉS PÉREZ, ANTONIO. PROMOTOR: INSTITUTO DE SALUD CARLOS III.

21/341-EC.M. A PHASE 2, COMPARATIVE, RANDOMISED, ADAPTIVE TRIAL TO EVALUATE THE SAFETY AND IMMUNOGENICITY OF ONE DOSE OF COMIRNATY IN SUBJECTS THAT HAD RECEIVED ONE DOSE OF VAXZEVRIA. PI: PORTOLÉS PÉREZ, ANTONIO. PROMOTOR: INSTITUTO DE SALUD CARLOS III.

COV20/00612. Un ensayo aleatorizado internacional para evaluar tratamientos no licenciados para COVID-19 en pacientes hospitalizados que reciben el tratamiento convencional para COVID que se ofrece en cada hospital. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EUR.IDEAFast. Identifying Digital Endpoints to Assess Fatigue, Sleep and activity daily living in Neurodegenerative disorders and Immune-mediated inflammatory diseases – IDEA-FAST. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: COMISIÓN EUROPEA.

EUR.TREOCAPA CTU. Prophylactic treatment of the ductus arteriosus in preterm infants by acetaminophen- CTU. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: COMISIÓN EUROPEA.

NON COMPETITIVE FUNDING

21/528-E. RescueVac: Estudio de respuesta de inmunogenicidad de las vacunas autorizadas contra la COVID-19 en sujetos que han recibido otra vacuna experimental. PI: PORTOLÉS PÉREZ, ANTONIO.

APP.M01NUT. Prestación de servicios en el marco del EECC EFICACIA Y SEGURIDAD DE LA ADMINISTRACIÓN DEL EXTRACTO DE PASIFLORA EN LA DESHABITUACIÓN A BENZODIACEPINAS EN ANCIANOS INSTITUCIONALIZADOS: ENSAYO CLÍNICO FASE III. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: NUTRICION MEDICA S.L.

CONV16/117. Establecimiento de un marco de colaboración entre SCReN y ECRIN. PI: VARGAS CASTRILLÓN, EMILIO. Funding Organisation: FUNDACIO CLINIC PER LA RECERCA BIOMEDICA (FCRB).

CONV21/086. Cesión uso intranet y Web SCReN. PI: VARGAS CASTRILLÓN, EMILIO. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA DEL HOSPITAL UNIVERSITARIO LA PAZ.

ECL.16/326. Riesgo de acidosis láctica asociado al uso de metformina en pacientes diabéticos tipo 2 con enfermedad renal crónica moderada-severa: estudio de casos y controles. PI: LAREDO VELASCO, LEONOR MARÍA.

ECL.20/227. Estudio de bioequivalencia de dos formulaciones (comprimidos recubiertos con película) de paracetamol/ibuprofeno a dosis única de 500/200 mg por vía oral en ayunas en voluntarios sanos. PI: PORTOLÉS PÉREZ, ANTONIO.



ECL.20/525. Estudio de biodisponibilidad comparada en dosis única, aleatorizado, cruzado, de dos formulaciones de ibuprofeno arginina, 600 y 400 mg. (comprimidos recubiertos con película) tras la administración a voluntarios sanos en ayunas. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: FARMALIDER S.A.

ECL.20/624. Estudio de fase 2/3, aleatorizado, doble ciego, controlado con placebo en grupos paralelos, para evaluar la eficacia y la seguridad de CT-P59 en combinación con el tratamiento estándar en pacientes ambulatorios con infección por SARS-CoV-2. PI: PORTOLÉS PÉREZ, ANTONIO.

ECL.20/707. ESTUDIO OBSERVACIONAL RETROSPECTIVO CON REAL WORLD DATA SOBRE EFECTIVIDAD Y SEGURIDAD DE LOS NUEVOS ANTICOAGULANTES ORALES Y ACENOCUMAROL EN LA PREVENCIÓN DE ACONTECIMIENTOS ATROFOTROMBÓTICOS EN PACIENTES DE LA COMUNIDAD DE MADRID. PI: VARGAS CASTRILLÓN, EMILIO.

"ECL.20/752. COVID-19: A Phase 2b/3, Randomized, Observer-Blinded, Placebo Controlled, Multicenter Clinical Study Evaluating the Efficacy and Safety of Investigational SARS-CoV-2 mRNA Vaccine CVnCoV in Adults 18 Years of Age and Older

COVID-19: Estudio de fase 2b/3, aleatorizado, con observador ciego, controlado con placebo y multicéntrico para evaluar la eficacia y seguridad de la vacuna de ARNm CVnCoV contra el SARS-CoV-2 en adultos de 18 o más años de edad. PI: PORTOLÉS PÉREZ, ANTONIO."

ECL.2016/033. Estudio en fase I, en abierto, de dosis única y no randomizado para evaluar la farmacocinética (FC) y la farmacodinámica (FD) de edoxabán en pacientes pediátricos. PI: VARGAS CASTRILLÓN, EMILIO. Funding Organisation: MEDPACE INC.

ECL.2017/043. Ensayo de fase III, abierto, aleatorizado, multicéntrico y controlado para evaluar la farmacocinética y farmacodinámica de edoxabán y comparar la eficacia y seguridad de edoxabán con un tratamiento estándar anticoagulante en SUJETOS pediátricos desde el nacimiento hasta antes de los 18 años con tromboembol. PI: VARGAS CASTRILLÓN, EMILIO.

ECL.21/292. ESTUDIO FASE 2B, ALEATORIZADO, DE GRUPOS PARALELOS, DOBLE CIEGO Y CONTROLADO CON PLACEBO, PARA EVALUAR LA SEGURIDAD, TOLERABILIDAD Y EFICACIA DE AZD8233 EN PACIENTES CON HIPERLIPIDEMIA (SOLANO). A RANDOMISED, PARALLEL, DOUBLE-BLIND, PLACEBO-CONTROLLED PHASE 2B STUDY TO ASSESS THE SAFETY, TOLERABILITY AND EFFICACY OF AZD8233 TREATMENT IN PARTICIPANTS WITH HYPERLIPIDAEMIA (SOLANO). PI: PORTOLÉS PÉREZ, ANTONIO."

ECL.21/624. ESTUDIO DE BIOEQUIVALENCIA DE DOS FORMULACIONES DE RIVAROXABAN (COMPRIMIDOS RECUBIERTOS CON PELÍCULA) A DOSIS ÚNICA DE 10 MG, POR VÍA ORAL, EN VOLUNTARIOS SANOS EN CONDICIONES DE AYUNO. PI: PORTOLÉS PÉREZ, ANTONIO.

EMVC.M01MYL. Contrato de Prestación de Servicios: realización de un informe farmacológico con el fin de apoyar la inclusión de una nueva presentación de un medicamento oral formulado con lipasa pancreática en la prestación farmacéutica del SNS. PI: VARGAS CASTRILLÓN, EMILIO. Funding Organisation: MYLAN PHARMACEUTICALS S.L.U.

EMVC.M01ZEAL. Financiación del "ESTUDIO OBSERVACIONAL RETROSPECTIVO CON REAL WORLD DATA SOBRE EFECTIVIDAD Y SEGURIDAD DE LOS NUEVOS ANTICOAGULANTES ORALES Y ACENOCUMAROL EN LA PREVENCIÓN DE ACONTECIMIENTOS ATROFOTROMBÓTICOS EN PACIENTES DE LA COMUNIDAD DE MADRID" (con código interno: 20/707-E). PI: VARGAS CASTRILLÓN, EMILIO. Funding Organisation: ZEAL CONSULTARIA S.L.

EMVC.M02MSD. Desarrollo del proyecto "1ª Edición Máster en Investigación. PI: VARGAS CASTRILLÓN, EMILIO. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

EUR.GRAVITATE. Empowering and Equipping Europeans with health information for Active Personal Health Management and Adherence to Treatment. PI: LUACES MÉNDEZ, MARÍA. Funding Organisation: COMISIÓN EUROPEA.

EUR.ODIN. Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe. PI: LUACES MÉNDEZ, MARÍA. Funding Organisation: COMISIÓN EUROPEA.

OGS.13 Technology, design and Surgical Innovation

COMPETITIVE FUNDING

COVIDX. Se trata de un programa de aceleración único en Europa: una iniciativa de 2 años que invertirá 4 millones de euros para acelerar la comercialización de más de 30 soluciones europeas de tecnología de datos con el potencial de superar los desafíos de COVID-19. PI: MARIA LUACES. Funding Organisation: COMISIÓN EUROPEA H2020.

GRAVITATE HEALTH. Innovative Medicines Initiative (IMI) lanza un proyecto de investigación mundial de 5 años, Gravitate-Health, que tiene como objetivo mejorar el acceso y la comprensión de la información sanitaria, el uso seguro de los medicamentos, la minimización de riesgos y la mejora de la calidad de vida. PI: MARIA LUACES. Funding Organisation: IMI.

ODIN. Open-Digital-Industrial and Networking. Objetivo: aprovechar la tecnología basada en Inteligencia Artificial para transformar la prestación de atención médica en los principales hospitales de Europa. PI: MARIA LUACES. Funding Organisation: COMISIÓN EUROPEA H2020.

EUR.OCARIOT. Smart childhood Obesity CARing solution using IoT potential (OCARIOT). PI: SEARA AGUILAR, GERMAN. Funding Organisation: COMISIÓN EUROPEA.

FPP.MINECO.16. CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES. MARIA ATOCHA GUEDAN DURÁN. PI: PANETOS PETROVA, FIVOS. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

NON COMPETITIVE FUNDING

ECL.20/234. Pilotaje de un nuevo modelo de gestión de información relacionada con COVID-19 basado en la aplicación de Inteligencia Artificial y Business Intelligence. PI: SEARA AGUILAR, GERMAN. Funding Organisation: SEARA AGUILAR, GERMAN.

ECL.20/387. Salud Individual y Colectiva, evaluación del desarrollo y aplicación de la Telefarmacia (#TeleFarmaciaHCSC #QuedateEnCasa). PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: MARTÍNEZ SESMERO, JOSÉ MANUEL.

ECL.20/435. CovidMEdication (COMET) study; a retrospective cohort study: rationale and design. ABSTRACT ESTUDIO COMET. PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: MARTÍNEZ SESMERO, JOSÉ MANUEL.

IBH.F01CEL. IMPLANTACIÓN DE UN PROGRAMA DE OPTIMIZACIÓN EN EL USO DE ANTIMICROBIANOS (PROYECTO PROA). PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: CELGENE, S.L.U.

JMM.F02OTSU. SODIUM-UP: PLATAFORMA DE AYUDA A LA DECISION CLÍNICA EN DIAGNOSIS Y TRATAMIENTO DE PACIENTES CON HIPONATREMIA MEDIANTE VÍAS CLÍNICAS INTELIGENTES Y MINERÍA DE DATOS. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL. Funding Organisation: OTSUKA PHARMACEUTICAL S.A., LUNDBECK ESPAÑA, S.A.

JMM.M01ALEX. Patrocinio "Jornada Abordaje Multidisciplinar MAT H" con fines de investigación sobre microangiopatías trombóticas y su abordaje multidisciplinar 27 de abril 2021. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL. Funding Organisation: ALEXION PHARMA SPAIN S.L.

JMM.M01BEC. Asociación Belga de Directivos de la salud 16 de mayo de 2019. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

JMM.M01CHI. Patrocinio "Propuestas innovadoras en la seguridad del paciente", que se celebrará el día 12 de diciembre de 2017. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

JMM.M01FUJ. Evaluación del perfil sociodemográfico y clínico y del riesgo de suicidio en los pacientes atendidos en la Urgencia Hospitalaria de Psiquiatría de un Hospital Terciario" Proyecto HIKARI. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL. Funding Organisation: FUJITSU LABORATORIES OF EUROPE LIMITED.

MMS.C01ALM. Programa de formación "Innovación en la Especialización de Farmacia Hospitalaria en Enfermedades Inflammatorias Inmunomediadas". PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: ALMIRALL S.A.

MMS.C01BOE. Evaluación de acciones de mejora del proceso de dispensación de medicamentos en pacientes externos. PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: BOEHRINGER INGELHEIM ESPAÑA S.A.

PROYECTO DE COLABORACION DE LA UNIDAD DE ENFERMERÍA DE CONTINUIDAD ASISTENCIAL (UCAE) CON EL INSTITUTO DE INVESTIGACIÓN SANITARIA HOSPITAL CLÍNICO SAN CARLOS (IdISSC) Como objetivo inicial la creación de una base de datos para UCAE que facilitara su registro. Creación de Red Cap® y actualizaciones en Power BI®. PI: MARIA LUACES.

PRINT_BONE3D. Colaboración con CITD. Impresión de huesos en 3D. PI: MARIA LUACES.

BDCLIN. Uso inteligente de datos. Proyecto para la generación de un repositorio institucional de datos del Hospital Clínico San Carlos, procedentes de los registros clínicos y de resultados utilizadas para el diagnóstico y seguimiento de los pacientes con afectación posible, probable o confirmada por el Nuevo Coronavirus SARS-CoV-2. PI: MARIA LUACES.

HITX. Proyecto de inmersión de gestores, colaboración, intercambio entre Unidades punteras de Innovación. PI: MARIA LUACES. Funding Organisation: LABORATORIOS SERVIER.

TELEMEDICINA. Uso inteligente de datos. Recogida de datos, RedCap, uso de los datos para mejora del servicio. Servicio de Medicina Hospitalista. PI: MARIA LUACES.

DEPSTAGE. Cómo se ajusta el tratamiento de la DEPRESIÓN en la práctica de rutina a una Guía de Práctica clínica basada en un modelo de estadije. PI: MARIA LUACES.

Migraña (MICRAM). Uso inteligente de los datos. *BBDD y formación. PI: MARIA LUACES.

Esclerosis Múltiple (ARTEMIS). Uso inteligente de los datos, *Conectividad BBDD's, *PROM's. PI: MARIA LUACES.

Telefarmacia. FH_VISUALIZACIÓN Y ANÁLISIS DE ACTIVIDAD EN TELEFARMACIA MEDIANTE BUSINESS INTELLIGENCE. PI: MARIA LUACES.

Enfermedades intestinales inflamatorias (MINERVA). Uso inteligente de datos. Modelo INnovador en pacientes con Enfermedad inflamatoria intestinal en Vida Real mediante Atención farmacéutica, *PROM's. PI: MARIA LUACES.

VIH (ATLANTIS). Uso inteligente de los datos. *BBDD, *Estratificación de pacientes, *PROM's. PI: MARIA LUACES.

Proyecto Albahaca. Automatización indicadores de Farmacia. Uso inteligente de los datos. Servicio de Farmacia. PI: MARIA LUACES.

Enfermedades raras. Uso inteligente de los datos. Bases de Datos, minería de procesos. PI: MARIA LUACES.

FORMACIÓN REDCAP_PEDIATRÍA. Uso inteligente de datos. Redcap. Formación. PI: MARIA LUACES.

OPIOIDES. Uso inteligente de datos. ESTUDIO DE UTILIZACIÓN DE OPIOIDES EN PACIENTES HOSPITALIZADOS CON Y SIN ENFERMEDAD RENAL. PI: MARIA LUACES.

CARDIORED_FIC. Uso inteligente de los datos, *REDCAP. PI: MARIA LUACES.

INDICAMED_UNED. Information Discovery and Categorization based on language processing for the MEDical domain (Descubrimiento de Información y Categorización basada en Procesamiento del Lenguaje para el dominio Médico. PI: MARIA LUACES.

OBESITY COVID. Este estudio tiene como objetivo investigar la prevalencia de la obesidad y las comorbilidades asociadas a la obesidad; diabetes mellitus (DM), hipertensión (HTA) y enfermedad cardiovascular (ECV) en pacientes COVID-19 positivos hospitalizados en el Hospital Clínico San Carlos de Madrid (HCSC). PI: MARIA LUACES.

ACOD. Uso inteligente de los datos. Estudio retrospectivo observacional sobre efectividad y seguridad de los nuevos anticoagulantes orales frente a acenocumarol en la prevención de acontecimientos aterotrombóticos en pacientes de la Comunidad de Madrid. PI: MARIA LUACES.

Oncología Urgencias. Explotación de datos clínicos en un entorno hospitalario- de modelos de datos comunes a minería de datos. PI: MARIA LUACES.

Datathon Psiquiatría. Jornada de búsqueda de soluciones a problemas detectados. PI: MARIA LUACES.

Omniprex. Formación: Innovación del futuro: descubriendo el potencial de la Información Clínica Digital. PI: MARIA LUACES.

CENTRO CONTROL COVID-19 Consejería Sanidad. Recogida y análisis de información COVID-19 relativa a los 32 hospitales públicos del SERMAS, AP, HOTELES MEDICALIZADOS, RESIDENCIAS TERCERA, FARMACIA Y EPI's durante el período marzo-diciembre 20. Análisis de tendencias. Información utilizada para la toma de decisiones en Presidencia de la Comunidad de Madrid. PI: MARIA LUACES.

ICADE-Algoritmo de predicción de demanda de EPI's. Estimación de la demanda real de consumo de EPI's durante los meses abril-septiembre de 2020. Información utilizada para la toma de decisiones en Presidencia de la Comunidad de Madrid. PI: MARIA LUACES.

FH_PETICIÓN DE MEDICAMENTOS FUERA DE TURNO. Implantación de un cuadro de mandos ágil, personalizable y dinámico para la visualización y análisis de indicadores clínicos y de gestión de telefarmacia. PI: MARIA LUACES.

FH_ATENCIÓN FARMACÉUTICA TELEMÁTICA. Implantación de herramientas que analizan e integran información clínica y Patient-reported Outcomes (PROs) y Patient-reported Experience (PREs). PI: MARIA LUACES.

FH_DIGITALIZACIÓN DE LA ELABORACIÓN MANUAL DE MEZCLAS INTRAVENOSAS EN CABINA DE SEGURIDAD BIOLÓGICA. Implantación de herramientas que analizan e integran información clínica y Patient-reported Outcomes (PROs) y Patient-reported Experience (PREs). PI: MARIA LUACES.

GEDAT. Nuevo modelo de Gestión de DATos asistenciales para la Historia Clínica Electrónica del futuro. Desarrollo del modelo colaborativo y prueba de concepto. PI: MARIA LUACES.

FD29. IA para la detección de las variantes genéticas que producen Enfermedades Minoritarias. PI: MARIA LUACES.

OGS.14 Medical Physics

NON COMPETITIVE FUNDING

RSC.F01CSN. Convenio de Colaboración para la ejecución del Proyecto de I+D sobre "Estimaciones de dosis ocupacionales en cristalino en Instalaciones Sanitarias y de Investigación (EDOCI). Propuestas de Vigilancia Radiológica Individual". PI: SÁNCHEZ CASANUEVA, ROBERTO MARIANO. Funding Organisation: CONSEJO DE SEGURIDAD NUCLEAR.

JFS.M02OMS. Contrato prestación servicios asistencia técnica WORD HEALTH. PI: Jose Miguel Fernández Soto. Funding Organisation: Organización Mundial de la Salud.

OGS.15 Aging

COMPETITIVE FUNDING

MLN.M02MAP. Registro multicéntrico de ancianos atendidos por caída en servicios de urgencias españoles. PI: LÁZARO DEL NOGAL, MONTSE-RRAT.

NON COMPETITIVE FUNDING

ECL.20/716. AEQUI Aged European population Quality of life in Infectious diseases (Calidad de vida en las enfermedades infecciosas en la población mayor europea). PI: GIL GREGORIO, PEDRO.

ECL.2019/105. Ensayo doble ciego, aleatorizado, controlado con placebo y de fase III sobre la eficacia y la tolerabilidad de un tratamiento de 48 semanas con dos dosis diferentes de comprimidos efervescentes de Budesónida® frente a placebo para el mantenimiento de la remisión clínica-patológica en pacientes adultos con esofagitis eosinofílica. PI: CIRIZA DE LOS RIOS, CONSTANZA. Funding Organisation: DR. FALK PHARMA GMBH.

ECL.2019/133. Ensayo multicéntrico, aleatorizado, doble ciego, de grupos paralelos, controlado con placebo para investigar el uso de benralizumab para la esofagitis eosinofílica (MESSINA). PI: CIRIZA DE LOS RIOS, CONSTANZA. Funding Organisation: ASTRAZENCA FARMACEUTICA SPAIN S.A.



ECL.12/462. ESTUDIO OBSERVACIONAL POSCOMERCIALIZACIÓN, MULTICENTRICO: SEGURIDAD Y EFICACIA DE LA NUTRICIÓN ENTERAL EN PACIENTES ESPAÑOLES UTILIZANDO JEVITY PLUS HP. PI: CUESTA TRIANA, FEDERICO MIGUEL.

ECL.19/177. Estudio observacional y prospectivo del efecto de un suplemento nutricional por vía oral hipercalórico, hiperproteico y con HMB en una población anciana con malnutrición o riesgo de malnutrición, y fractura de cadera." - "A prospective, observational study, of the effect of a high calorie and protein with HMB oral nutritional supplement, in an older malnourished or at risk of malnutrition, hip fracture population. PI: MORA FERNÁNDEZ, JESÚS.

ECL.18/279. PROYECTO SEIOMM-FLS EXCELLENCE (REGISTRO REFRA). PI: MORA FERNÁNDEZ, JESÚS.

OGS.17 Biomedical Imaging Research

NON COMPETITIVE FUNDING

MMG.F01BALT. NEURORADIOLOGÍA INTERVENCIONISTA PARA INTENSIFICACIÓN DE IP. PI: MOREU GAMAZO, MANUEL. Funding Organisation: BALT SPAIN MEDICAL S.L.

OGS.18 Health Care Research

COMPETITIVE FUNDING

FIS.160717. EVALUACIÓN E IMPACTO EN RESULTADOS DE SALUD Y ECONÓMICOS DE UNA UNIDAD DE ENFERMERÍA DE ENLACE HOSPITALARIO. PI: ORTUÑO SORIANO, ISMAEL. Funding Organisation: Instituto de Salud Carlos III.

EUR.SEPCELL. Restoring the immune system homeostasis and organ function in severe community acquired pneumonia- induced sepsis through adipose derived allogeneic stem cells. PI: SÁNCHEZ GARCÍA, MIGUEL. Funding Organisation: UNIÓN EUROPEA.

NON COMPETITIVE FUNDING

ECL.15/498. Estudio de fase Ib/Iia, aleatorizado, doble ciego, de grupos paralelos, controlado con placebo y multicéntrico para evaluar la seguridad y eficacia de las células madre alogénicas expandidas derivadas del tejido adiposo (eASCs) Cx611 para el tratamiento i. PI: SÁNCHEZ GARCÍA, MIGUEL.

ECL.19/568. Estudio observacional, prospectivo y multinacional para describir el uso de calcimiméticos en pacientes sometidos a hemodiálisis (HD). PI: HERRERO CALVO, JOSÉ ANTONIO.

OGS.19 Epidemiology and Health Services

NON COMPETITIVE FUNDING

ECL.19/273. Ensayo clínico de fase III, multicéntrico, aleatorizado, observador ciego y controlado con placebo para evaluar la recurrencia de herpes zóster y la reactogenicidad, seguridad e inmunogenicidad de la vacuna frente al herpes zóster (HZ/su) de GSK Biologicals cuando se administra por vía intramuscular en una pauta de 0 y 2 meses a adultos de 50 años o más con un episodio previo de herpes zóster. PI: CASO PITA, M^a COVADONGA. Funding Organisation: GLAXOSMITHKLINE S.A.

ECL.16/128. EFICACIA, SEGURIDAD E INMUNOGENICIDAD DE LA VACUNA HZ/su DE GSK BIOLOGICALS GSK1437173A EN UN ESTUDIO FASE IIIb, ABIERTO, DE SEGUIMIENTO A LARGO PLAZO (ZOE-LTFU) DE LOS ESTUDIOS 110390/113077 (ZOSTER-006/022) Y EVALUACIÓN DE DOSIS ADICIONALES EN ADULTOS DE EDAD AVANZADA. PI: CASO PITA, M^a COVADONGA. Funding Organisation: GLAXOSMITHKLINE S.A.

ECL.2018/143. VACUNACIÓN ADYUVADA FRENTE A HEPATITIS B EN TRABAJADORES DEL SNS TIPIFICADOS COMO NO RESPONDEDORES A VACUNA CONVENCIONAL. PI: CASO PITA, M^a COVADONGA.

OGS.22 Contemporary Physiotherapy Research (InPhysio)

COMPETITIVE FUNDING

GPM.CFM.21. INNOVATION COOPERATIVELY TRANSMEDIATE (ACT). PI: MARA MORELLI (PARTICIPA PATRICIA MARTÍN). Funding Organisation: European Union.

GPM.CFM.21. UTILIZACIÓN DE LA ESCALA DE SEVERIDAD DE LA BRONQUIOLITIS AGUDA EN LACTANTES CON INFECCIÓN RESPIRATORIA AGUDA SUSCEPTIBLES DE TRATAMIENTO CON FISIOTERAPIA RESPIRATORIA AMBULATORIA. PI: BEATRIZ SIMÓN (PARTICIPA PATRICIA MARTÍN). Funding Organisation: NEUMOMADRID.

NON COMPETITIVE FUNDING

GPM.CFM.21. EFECTOS DEL ENTRENAMIENTO DE LA MUSCULATURA RESPIRATORIA EN LA CALIDAD DE VIDA, FUNCIÓN FÍSICA, PULMONAR Y ESTADO PSICOLÓGICO EN PACIENTES QUE HAN SUPERADO LA COVID-19. PI: PLAZA MANZANO, GUSTAVO. Funding Organisation: COLEGIO PROFESIONAL DE FISIOTERAPEUTAS DE LA COMUNIDAD DE MADRID.

GPM.CFM.21. VALIDACIÓN DE LA VERSIÓN ESPAÑOLA DE LA ESCALA TRUNK CONTROL MEASURE. PI: CECILIA ESTRADA (PARTICIPA PATRICIA MARTÍN). Funding Organisation: Universidad Europea de Madrid.

OGS.23 The Digestive System

NON COMPETITIVE FUNDING

CTS.M01MSD. Apoyo al desarrollo del estudio "EFECTIVIDAD Y SEGURIDAD DEL TRATAMIENTO CON GOLIMUMAB EN PACIENTES CON COLITIS ULCEROSA". PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

CTS.C11MSD. Apoyo de personal para actividades del Grupo de Aparato Digestivo del IdISSC sobre enfermedad inflamatoria intestinal del IdISSC. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

CTS.C12MSD. Apoyo de personal para actividades del Grupo de Aparato Digestivo del IdISSC sobre enfermedad inflamatoria intestinal del IdISSC. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.

CTS.C01ABB. Convenio de colaboración para pacientes en tratamiento con terapias biológicas mediante el diseño de una plataforma digital para identificar como impactan éstas en la adherencia al tratamiento y en la calidad asistencial percibida por los pacientes, con el objetivo de establecer nuevos protocolos de actuación en el manejo de terapias innovadoras. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: ABBVIE SPAIN, S.L.U.

ECL.20/195. Estudio de fase 3, aleatorizado, doble ciego, controlado con placebo y de tres grupos para evaluar la seguridad y eficacia de la administración una vez al día y dos veces al día de una nueva formulación en supositorio de acetato de hidrocortisona 90 mg, ad. PI: TAXONERA SAMSÓ, CARLOS.

ECL.15/399. ESTUDIO ABIERTO DE EXTENSIÓN Y SUPERVISIÓN DE LA SEGURIDAD DE PACIENTES CON COLITIS ULCEROSA DE MODERADA A GRAVE PREVIAMENTE INSCRITOS EN ESTUDIOS DE FASE III CON ETROLIZUMAB. PI: TAXONERA SAMSÓ, CARLOS.

ECL.13/002. ESTUDIO DEL REFLEJO GASTROCOLICO; INFLUENCIA DE PRUCALOPRIDE. PI: REY DÍAZ-RUBIO, ENRIQUE.

ECL.15/500. Estudio multicéntrico, aleatorizado, con doble enmascaramiento y controlado con placebo sobre ABT-494 para inducir la remisión sintomática y endoscópica en pacientes con enfermedad de Crohn activa de intensidad moderada a grave que han respondido de forma insuficiente al tratamiento anti-TNF o que no toleran el tratamiento. PI: TAXONERA SAMSÓ, CARLOS.

ECL.13/269. Registro no intervencionista de larga duración para evaluar la seguridad y la efectividad de HUMIRA® (adalimumab) en pacientes con colitis ulcerosa (CU) de actividad moderada a grave? (LEGACY) LEGACY A Long-Term Non-Interventional Registry to Assess Safety and Effectiveness of HUMIRA®(Adalimumab) in Patients with Moderately to Severely Active Ulcerative Colitis (UC). PI: TAXONERA SAMSÓ, CARLOS.

ECL.20/555. Estudio Fase 3, multicéntrico, aleatorizado, abierto, con enmascaramiento para los evaluadores de la eficacia de Risankizumab en comparación con Ustekinumab para el tratamiento de sujetos adultos con enfermedad de Crohn de moderada a grave sin respuesta al tratamiento con terapia anti-TNF. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: ABBVIE SPAIN, S.L.U.

ECL.2016/034. Estudio multicéntrico, aleatorizado, controlado con placebo, doble-ciego, para determinar la seguridad y eficacia de Vedolizumab en la prevención de la recurrencia endoscópica en la enfermedad de Crohn, en pacientes previamente sometidos a resección quirúrgica y anastomosis ileocólicas. PI: TAXONERA SAMSÓ, CARLOS.

ECL.2016/037. Estudio multicéntrico, con diseño ciego para el sujeto y para el investigador, aleatorizado y controlado con placebo, para evaluar la eficacia, la seguridad, la tolerabilidad y la farmacocinética de bimekizumab (UCB4940), con una dosis de ataque IV seguida por administración SC, en sujetos con colitis ulcerosa activa de grado moderado a severo. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: PAREXEL INTERNATIONAL (IRL) LIMITED.

ECL.20/416. Estudio multicéntrico, prospectivo, observacional para evaluar la calidad de vida relacionada con la salud en pacientes con Enfermedad de Crohn con fistulas perianales complejas antes y después del tratamiento. Estudio CALYPSO®. PI: TAXONERA SAMSÓ, CARLOS.

ECL.19/221. GIANT – A multicenter, prospective, post-marketing observational study to evaluate the effectiveness and safety of Hyrimoz™ (adalimumab biosimilar) and Zessly™ (infliximab biosimilar) in patients with Crohn's Disease. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: ICON CLINICAL RESEARCH LTD_SOUTH COUNTY.

CTS.M01ABB. Patrocinio Jornada divulgativa Enfermedad Inflamatoria Intestinal 30 de enero de 2019. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: ABBVIE SPAIN, S.L.U.

ECL.17/228. REGISTRO DE EXPOSICIÓN A LARGO PLAZO PROSPECTIVO Y OBSERVACIONAL DE PACIENTES ADULTOS CON COLITIS ULCEROSA. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: MAPI LIFE SCIENCES UK LIMITED.

ECL.18/451. Resultados de vedolizumab y anti-TNFs en pacientes con colitis ulcerosa y enfermedad de Crohn tratados en la práctica clínica real (EVOLVE) – IBERIA. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: TAKEDA FARMACEUTICA ESPAÑA, S.A.

ECL.2016/007. SUSPENSIÓN DEL TRATAMIENTO ANTI-TNF EN PACIENTES CON ENFERMEDAD INFLAMATORIA INTESTINAL: ENSAYO CLÍNICO MULTICÉNTRICO, PROSPECTIVO Y ALEATORIZADO. PI: TAXONERA SAMSÓ, CARLOS. Funding Organisation: FUNDACION DE INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO LA PRINCESA.

"ECL.21/495. TOFACITINIB IN ULCERATIVE COLITIS: REAL WORLD EVIDENCE (To-ReWard Study)

TOFACITINIB EN COLITIS ULCEROSA: ESTUDIO DE PRÁCTICA CLÍNICA (Estudio To-ReWard). PI: TAXONERA SAMSÓ, CARLOS."

OGS.24 Hematology

COMPETITIVE FUNDING

FIS.170604. ANEMIAS HEMOLÍTICAS. DIAGNÓSTICO MOLECULAR MEDIANTE SECUENCIACIÓN MASIVA (NGS). PI: ROPERIO GRADILLA, PALOMA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EAM.YE1.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: ANGUIA MANDLY, EDUARDO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PRG.FEHH.20. Becas de investigación de la FEHH - Jorge Martínez Nieto. PI: ROPERIO GRADILLA, PALOMA. Funding Organisation: FUNDACION ESPAÑOLA DE HEMATOLOGIA Y HEMOTERAPIA FEHH.

PPP.TALENTO.16. Comunidad de Madrid "Atracción talento" Modalidad I."Transcriptional networks of Megakaryocytic differentiation and functional characterization of platelets in Essential Thrombocythemia patients". PI: PAPADOPOULOS, PETROS. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PPP.TALENTO.21. Comunidad de Madrid Quinto Año "Atracción talento" Modalidad I. PI: PAPADOPOULOS, PETROS. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

FMM.18PRG. DÉFICIT DE PIRUVATO KINASA (PKD). CORRELACIÓN GENOTÍPICA Y FENOTÍPICA Y EVOLUCIÓN DE LA ENFERMEDAD EN NIÑOS". PI: ROPERIO GRADILLA, PALOMA. Funding Organisation: FUNDACION DE INVESTIGACION MEDICA MUTUA MADRILEÑA.

PPP.TALENTO.16RRHH. RRHH Comunidad de Madrid "Atracción talento" Modalidad I. PI: PAPADOPOULOS, PETROS. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NON COMPETITIVE FUNDING

ECL.20/592. "Ensayo multicéntrico, aleatorizado, abierto y controlado con comparador activo para evaluar la eficacia y la seguridad de LNP023 por vía oral dos veces al día en pacientes adultos con hemoglobinuria paroxística nocturna y anemia residual, a pesar del tratamiento con un anticuerpo anti-C5 por vía intravenosa. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.2017/037. A Phase 3, Multicenter, Double-Blind, Randomized, Placebo-Controlled Study of AG-120 in Combination with Azacitidine in Subjects = 18 Years of Age with Previously Untreated Acute Myeloid Leukemia with an IDH1 Mutation. PI: POLO ZARZUELA, MARTA. Funding Organisation: PPD INVESTIGATOR SERVICES LLC.

CONV20/124. CDA Ensayo Clínico Alexión en relación al Danicopán. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.20/665. Encuesta COVID-19 de Enfermedades Hematológicas en España. PI: BENAVENTE CUESTA, CELINA.

ECL.20/726. ENSAYO EN FASE III, MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO, COMPARATIVO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL EFGARTIGIMOD (ARGX-113) PH20 SUBCUTÁNEO EN PACIENTES ADULTOS CON TROMBOCITOPENIA INMUNITARIA PRIMARIA. PI: BOLAÑOS CALDERON, ESTEFANIA.

EAM.M02CEL. Estudio "El papel de las mitocondrias en el Mieloma Múltiple". El Estudio forma parte de la Fase I de un proyecto titulado "Mitocondria, envejecimiento y cáncer". PI: ANGUIA MANDLY, EDUARDO. Funding Organisation: CELGENEINTERNATIONAL II SARL.

ECL.2018/128. Estudio de fase III aleatorizado, con grupos paralelos, multicéntrico, farmacocinético abierto, de no inferioridad que compara ravulizumab administrado por vía subcutánea con ravulizumab administrado por vía intravenosa en pacientes adultos con hemoglobinuria paroxística nocturna tratada actualmente con eculizumab. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO. Funding Organisation: SYNEOS HEALTH UK LIMITED.

ECL.20/622. Estudio de fase III de Danicopan (ALXN2040) como tratamiento suplementario de un inhibidor de la C5 (Eculizumab o Ravulizumab) en pacientes con hemoglobinuria paroxística nocturna que tienen hemólisis extravascular clínicamente evidente (HEV). PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

RMM.F02CEL. ACREDITACIÓN DE LA UNIDAD DE TRASPLANTE SEGÚN JACIE Y DE LA UNIDAD DE TRANSFUSIÓN SEGÚN CAT. PI: BENAVENTE CUESTA, CELINA. Funding Organisation: CELGENE, S.L.U.

ECL.15/035. EPAS Estudio Post-autorización de seguridad (EPAS) prospectivo, no intervencionista, diseñado como Registro de Enfermedad de pacientes con síndromes mielodisplásicos (SMD) de bajo riesgo (IPSS bajo e intermedio-1) con delección 5q aislada y dependencia transfusional. PI: BENAVENTE CUESTA, CELINA.

ECL.15/274. Estudio de caracterización farmacológica ex vivo de tratamientos en hemopatías malignas mediante el uso de la plataforma automatizada de citometría de flujo ExviTech. PI: ANGUIA MANDLY, EDUARDO. Funding Organisation: VIVIA BIOTECH S.L.

ECL.15/447. ESTUDIO EN FASE II ABIERTO, CON DOSIS MÚLTIPLE ASCENDENTE PARA EVALUAR LA EFICACIA, SEGURIDAD, TOLERABILIDAD, INMUNOGENIA, FARMACOCINÉTICA Y FARMACODINÁMICA DE ALXN1210 ADMINISTRADO POR VÍA INTRAVENOSA A PACIENTES CON HEMOGLOBINURIA PAROXÍSTICA NOCTURNA. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.12/442. ESTUDIO FASE 3, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA COMPARAR LA EFICACIA Y LA SEGURIDAD DE AZACITIDINA ORAL MAS EL MEJOR TRATAMIENTO DE APOYO FRENTE AL MEJOR TRATAMIENTO DE APOYO COMO TERAPIA DE MANTENIMIENTO EN PACIENTES CON LEUCEMIA MIELOIDE AGUDA EN REMISION COMPLETA. PI: BENAVENTE CUESTA, CELINA.

ECL.12/191. ESTUDIO OBSERVACIONAL POST-AUTORIZACIÓN PARA EVALUAR LA RESPUESTA DE LA FUNCIÓN RENAL AL TRATAMIENTO DE PA-



CIENTES CON MIELOMA MÚLTIPLE EN RECAIDA Y CON ACLARAMIENTO DE CREATININA <50 ML/MIN/1.73M² (CrCL<50ML/MIN/1.73M²) (ESTUDIO MIR50). PI: MARTINEZ MARTINEZ, RAFAEL BENIGNO. Funding Organisation: CELGENE, S.L.U.

ECL.12/090. ESTUDIO PARA LA EVALUACIÓN DE UN TEST EX VIVO DE MEDICINA PERSONALIZADA EN LEUCEMIA LINFÁTICA CRÓNICA (LLC). PI: POLO ZARZUELA, MARTA.

ECL.20/638. ESTUDIO EN FASE III, ALEATORIZADO, ABIERTO, CON CONTROL ACTIVO, MULTICÉNTRICO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE CROVALIMAB FRENTE A ECULIZUMAB EN PACIENTES ADULTOS Y ADOLESCENTES CON HEMOGLOBINURIA PAROXÍSTICA NOCTURNA (HPN) ACTUALMENTE TRATADA CON INHIBIDORES DEL COMPLEMENTO. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.20/639. Estudio en fase III, aleatorizado, abierto, con control activo, multicéntrico, para evaluar la eficacia y la seguridad de crovalimab frente a eculizumab en pacientes adultos y adolescentes con hemoglobinuria paroxística nocturna (HPN) no tratada previamente con inhibidores del complemento. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.2019/068. Estudio fase II con aleatorización 2:1 para comparar la eficacia y seguridad del tratamiento con quimioterapia estándar más quizartinib frente a quimioterapia estándar más placebo en pacientes adultos con LMA de nuevo diagnóstico con el gen FLT3 no mutado. PI: POLO ZARZUELA, MARTA. Funding Organisation: FUNDACION PETHEMA.

ECL.18/099. Estudio observacional ambispectivo para evaluar la incidencia y el manejo de la aplasia medular en el Estado Español. Estudio IMAS. PI: POLO ZARZUELA, MARTA. Funding Organisation: ASOCIACIÓN INSTITUTO BIODONOSTIA.

ECL.16/327. Estudio observacional para valorar la carga de la enfermedad, en términos de Calidad de Vida Relacionada con la Salud y costes sanitarios directos, en pacientes con Mieloma Múltiple de nuevo diagnóstico no candidatos a trasplante autólogo de progenitores hematopoyéticos en España. Estudio QoLMMBus. PI: MARTINEZ MARTINEZ, RAFAEL BENIGNO. Funding Organisation: CELGENE, S.L.U.

ECL.17/338. Estudio observacional prospectivo sobre la supervivencia global y la calidad de vida en pacientes mayores de 60 años diagnosticados de leucemia mielóide aguda en España, tratados según la práctica clínica habitual (estudio SvLMA). PI: POLO ZARZUELA, MARTA. Funding Organisation: CELGENE, S.L.U.

ECL.21/239. Memoria para el estudio de esplenomegalia y pacientes esplenectomizados no filiados en población infantil y adulta. PI: BOLAÑOS CALDERON, ESTEFANIA.

ECL.19/510. Proyecto colaborativo entre el Biobanco del Instituto de Investigación Sanitaria (IdISSC) y el Servicio de Donantes de Sangre del Hospital Clínico San Carlos para crear una colección de muestras procedentes de donantes sin diagnósticos. PI: BENAVENTE CUESTA, CELINA.

ECL.17/255. Registro Regional para evaluar la práctica médica con observación longitudinal para el diagnóstico y tratamiento de la leucemia linfocítica crónica. PI: MARTINEZ MARTINEZ, RAFAEL BENIGNO.

OGS.25 Pathology of Emergency

COMPETITIVE FUNDING

FIS.180456. Planificación del alta desde urgencias para reducir reingresos a 30 días en mayores frágiles con insuficiencia cardíaca aguda: ensayo clínico aleatorizado por conglomerados pareado.. PI: MARTÍN SÁNCHEZ, FRANCISCO JAVIER. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

JGC.C01MUN. Colaboración en el XV Curso de Actualidad en Urgencias - Hospital Clínico San Carlos", que tendrá lugar en Madrid los días 23 a 29 de mayo de 2019. PI: GONZÁLEZ DEL CASTILLO, JUAN MARÍA. Funding Organisation: MUNDIPHARMA PHARMACEUTICALS S.L.

JGC.C03MENA. Colaboración en el XV Curso de Actualidad en Urgencias - Hospital Clínico San Carlos", que tendrá lugar en Madrid los días 23 a 29 de mayo de 2019. PI: GONZÁLEZ DEL CASTILLO, JUAN MARÍA. Funding Organisation: LABORATORIOS MENARINI S.A.

JGC.C05AST. Colaboración en el XV Curso de Actualidad en Urgencias - Hospital Clínico San Carlos", que tendrá lugar en Madrid los días 23 a 29 de mayo de 2019. PI: GONZÁLEZ DEL CASTILLO, JUAN MARÍA. Funding Organisation: ASTRAZENCA FARMACEUTICA SPAIN S.A..

ECL.19/422. Estudio de evaluación y manejo del dolor agudo en servicios de urgencias hospitalarios e intervención educativa: Estudio EDURC17. PI: FERNÁNDEZ ALONSO, CESÁREO. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA DEL HOSPITAL UNIVERSITARIO LA PAZ.

ECL.14/194. HYDRATION ASSESSMENT IN EXERCISE-INDUCED FLUID LOSS THOROUGH ESTABLISHED IN VIVO METHODS. PI: MARTÍN SÁNCHEZ, FRANCISCO JAVIER.

ECL.21/235. ESTUDIO EN FASE II, MULTICÉNTRICO, ALEATORIZADO, DE GRUPOS PARALELOS PARA EVALUAR LA SEGURIDAD, TOLERABILIDAD Y FARMACOCINÉTICA DE UNA SEGUNDA GENERACIÓN DE VIR-7831 EN PARTICIPANTES NO HOSPITALIZADOS CON ENFERMEDAD POR CORONAVIRUS 2019 (COVID-19) DE LEVE A MODERADA.. PI: GONZÁLEZ DEL CASTILLO, JUAN MARÍA.

ECL.20/370. Factores socio-demográficos predicen los resultados adversos intrahospitalarios en los pacientes ingresados por Covid-19. PI: MARTÍN SÁNCHEZ, FRANCISCO JAVIER. Funding Organisation: MARTÍN SÁNCHEZ, FRANCISCO JAVIER.

ECL.18/441. IDentifying pAtients with suspicion of infection in the ED who have Low disease severity using Midregional Proadrenomedullin (MR-proADM) - Pilot study. Identificación de pacientes con sospecha de infección en el servicio de urgencias que tienen una gravedad baja de la enfermedad usando el valor de la región medial de la proadrenomedulina (MR-proADM) - Estudio piloto. PI: GONZÁLEZ DEL CASTILLO, JUAN MARÍA. Funding Organisation: BRAHMS GMBH.

ECL.21/578. IDENTIFYING PATIENTS WITH SUSPICION OF INFECTION IN THE ED WHO HAVE LOW DISEASE SEVERITY USING MIDREGIONAL PROADRENOMEDULLIN (MR-PROADM) - PIVOTAL STUDY. IDENTIFICACIÓN DE PACIENTES CON SOSPECHA DE INFECCIÓN EN EL SERVICIO DE URGENCIAS QUE TIENEN UNA GRAVEDAD BAJA DE LA ENFERMEDAD UTILIZANDO PROADRENOMEDULINA MIDREGIONAL (MRPROADM)" ESTUDIO PIVOTAL.. PI: GONZÁLEZ DEL CASTILLO, JUAN MARÍA.

ECL.18/531. Planificación del alta desde urgencias para reducir reingresos a 30 días en mayores frágiles con insuficiencia cardíaca aguda: ensayo clínico aleatorizado por conglomerados pareado.. PI: MARTÍN SÁNCHEZ, FRANCISCO JAVIER..

OGS.32

Ciencias Forenses: genética y toxicología forense

NON COMPETITIVE FUNDING

CLM.M20CURSO. Aplicaciones de la Genética a la Criminalística (Edición virtual), del 22 al 26 de marzo de 2021. PI: LOPEZ MATAYOSHI, CESAR.

CLM.M19CURSO. Ciencias Forenses: Fundamentos y técnicas de laboratorio (Edición virtual) 24, 25 y 26 de febrero del 2021. PI: LOPEZ MATAYOSHI, CESAR.

EAP.M01CURSO. Cursos impartidos por el Grupo de Ciencias Forenses: genética y toxicología forense. PI: ARROYO PARDO, EDUARDO.

OGS.33

Chronobiological Molecular Mechanisms

COMPETITIVE FUNDING

PR87/19-22548. Abordaje de sensores de nutrientes (PASK/AMPK) para controlar la obesidad. Implicaciones del tejido adiposo y los genes del reloj. PI: M^a CARMEN SANZ MIGUEL. Funding Organisation: UCM.

ACCION ESPECIAL PARA EQUIPAMIENTO. PI: PILAR FERNANDEZ MA-TEOS. Funding Organisation: UCM.

NON COMPETITIVE FUNDING

AYUDAS A GRUPOS DE INVESTIGACIÓN UCM-SANTANDER. PI: PILAR FDEZ Y VANESA JIMENEZ. Funding Organisation: UCM-SANTANDER.

Balance sheet 2021

		ACTIVO	Notas	2021	2020
A)	ACTIVO NO CORRIENTE			14.161.435,08	11.597.790,04
I.	Inmovilizado intangible		6	5.182,24	4.705,65
5.	Aplicaciones informáticas			5.182,24	4.705,65
	1.	Aplicaciones Informáticas		187.005,19	167.586,56
	2.	Amortización acumulada de aplicaciones informáticas		-181.822,95	-162.880,91
III.	Inmovilizado material		5	969.714,03	776.506,21
2.	Instalaciones técnicas y otro inmovilizado material			810.762,87	776.506,21
	1.	Instalaciones técnicas		65.040,04	65.040,04
	2.	Maquinaria		3.467.964,85	3.337.752,77
	4.	Otras instalaciones		543.011,78	512.669,62
	5.	Mobiliario		229.278,34	209.383,34
	6.	Equipos para procesos de información		417.534,76	396.775,38
	9.	Amortización acumulada de instalaciones técnicas		-65.040,04	-65.040,04
	10.	Amortización acumulada de maquinaria		2.854.698,58	-2.754.106,05
	12.	Amortización acumulada de otras instalaciones		-476.096,66	-444.772,81
	13.	Amortización acumulada de mobiliario		-157.451,90	-141.479,75
	14.	Amortización acumulada de equipos procesos información		-358.779,72	-339.716,29
3.	Inmovilizado en curso y anticipos			158.951,16	0,00
	1.	Inmovilizado en curso y anticipos		158.951,16	0,00
VI.	Inversiones financieras a largo plazo			13.186.538,81	10.816.578,18
1.	Instrumentos de Patrimonio		8.1	13.186.538,81	10.816.578,18
	4.	Inversiones financieras LP en instrumentos de patrimonio		13.186.538,81	10.816.578,18
	3.	Valores representativos de deuda		0,00	0,00
	3.	Valores representativos de deuda a largo plazo		0,00	0,00
5.	Otros activos financieros		8.1	0,00	0,00
	2.	Imposiciones LP		0,00	0,00
B)	ACTIVO CORRIENTE			14.361.650,80	11.274.105,43
II.	Existencias		9	12.446,11	15.391,07
6.	Anticipos a proveedores			12.446,11	15.391,07
	1.	Anticipos a proveedores		12.446,11	15.391,07
III.	Usuarios y otros deudores de la actividad propia		9	2.155.811,91	1.207.393,33
IV.	Deudores comerciales y otras cuentas a cobrar		9	228.810,13	69.808,67
3.	Usuarios y deudores varios			3.486,20	8.800,00
	1.	Deudores		3.486,20	8.800,00
6.	Otros créditos con las administraciones públicas			225.323,93	61.008,67
	3.	Hacienda Pública, deudora por subvenciones concedidas		225.323,93	61.008,67
	4.	Organismos de la Seguridad Social, deudores		0,00	0,00
	6.	Hacienda Pública, retenciones y pagos a cuenta		0,00	0,00
VI.	Inversiones financieras a corto plazo		8.1	0,00	0,00
3.	Valores representativos de deuda			0,00	0,00
	3.	Valores representativos de deuda a CP		0,00	0,00
5.	Otros activos financieros			0,00	0,00
	3.	Imposiciones a CP		0,00	0,00
VIII.	Efectivo y otros activos líquidos equivalentes		11	11.964.582,65	9.981.512,36
1.	Tesorería			11.964.582,65	9.981.512,36
	1.	Caja euros		42,29	264,08
	3.	Bancos e instituciones de crédito c/c vista, euros		11.964.540,36	9.981.248,28
TOTAL	ACTIVO (A + B)			28.523.085,88	22.871.895,47



Balance sheet 2021

		PATRIMONIO NETO Y PASIVO	Notas	2021	2020
A)	PATRIMONIO NETO			4.902.402,47	4.561.328,69
A-1)	Fondos Propios		12	3.376.983,43	3.033.444,02
I.	Dotación Fundacional			30.109,78	30.109,78
1	Dotación fundacional			30.109,78	30.109,78
II.	Reservas			817.516,19	817.621,49
2	Otras reservas			817.516,19	817.621,49
III.	Excedentes de Ejercicios anteriores			2.185.712,75	1.969.840,53
1	Remanente			2.185.712,75	1.969.840,53
2	Excedentes negativos de ejercicios anteriores			0,00	0,00
IV.	Resultado del Ejercicio			343.644,71	215.872,22
A-2)	Ajustes por cambios de valor		8.1	457.809,12	438.099,26
I.	Activos financieros disponibles para la venta			457.809,12	438.099,26
A-3)	Subvenciones, donaciones y legados recibidos		17	1.067.609,92	1.089.785,41
I	Subvenciones			144.027,93	167.646,52
1	Subvenciones oficiales de capital			106.711,59	123.176,07
2	Otra subvenciones			37.316,34	44.470,45
II	Donaciones y legados			923.581,99	922.138,89
1	Donaciones y legados de capital			59.936,92	63.224,32
2	Otras donaciones y legados			863.645,07	858.914,57
B)	PASIVO NO CORRIENTE			1.288.096,00	0,00
II.	Deudas a largo plazo			1.288.096,00	0,00
5.	Otros pasivos financieros			1.288.096,00	0,00
4	Deudas a L/P transformables en subvenciones, donaciones y legados			1.288.096,00	0,00
C)	PASIVO CORRIENTE			22.332.587,41	18.310.566,78
II.	Provisiones a corto plazo		15	15.043.878,55	10.904.882,85
1.	Provisiones por operaciones de la actividad			15.043.878,55	10.904.882,85
III.	Deudas a corto plazo		8.2	6.357.906,67	6.535.753,38
5.	Otros pasivos financieros			6.357.906,67	6.535.753,38
6.	Deudas a C/P transformables en subvenciones, donaciones y legados			6.357.906,67	6.535.753,38
VI.	Acreedores comerciales y otras cuentas a pagar		10	930.802,19	869.930,55
1.	Proveedores			14.006,05	22.740,64
1.	Proveedores			14.006,05	22.740,64
3.	Acreedores varios			174.762,83	244.132,96
1.	Acreedores por prestación de servicios			174.762,83	244.132,96
4.	Personal (remuneraciones pendientes de pago)			39,71	606,46
1.	Remuneraciones pendientes de pago			39,71	606,46
6.	Otras deudas con las Administraciones Públicas			563.583,34	392.875,97
1.	Hacienda Pública, acreedora por IVA			125.304,41	81.156,41
2.	Hacienda Pública, acreedora por retenciones practicadas			284.049,26	181.277,10
5.	Organismos de la Seguridad Social, acreedores			154.229,67	130.442,46
7.	Anticipos de clientes			178.410,26	209.574,52
TOTAL	PATRIMONIO NETO Y PASIVO (A + B + C)			28.523.085,88	22.871.895,47

Scientific production

Source of information: Web of Science (WoS) Core Collection.

Time frame: 2021 and 2017-2021.

Aggregation level: IdISSC and scientific areas formed by the actual research groups.

Scientific production analysis:

N° of papers WoS: This indicator includes all the scientific production of the IdISSC indexed in the WoS.

N° of citable items: This indicator includes two document type such as article and review.

Weight of scientific production: The annual percentage of the weight of scientific production of the IdISSC areas has been calculated in relation to the total of IdISSC WoS production.

Document Type: This indicator includes all the WoS document types by IdISSC area and by Institute.

Open Access (OA): This indicator includes the number of documents published in OA. Types of OA: Gold OA and non Gold OA.

Impact analysis

Most cited papers: This analysis includes the top 10 most cited papers of the IdISSC scientific production between 2017-2021. In this case the indicators included are Quartil and position in the WoS Category, Article Influence score and Impact Factor. The reference JCR is that of the year of publication of the document.

Times cited: Number of cites per document and the average of cites per document.

H index: This indicator measure at least h papers that have each been cited at least h times.

Cites by year: This indicators counts the cites of the IdISSC scientific production each year and between 2017 and 2021 period.

Visibility analysis

Scientific production by quartile: The data are based on 2020 JCR and the aggregation level its by IdISSC and scientific área.

Scientific production by first decile: These types of journals are among the first 10% of the JCR. In this case the reference JCR is that of 2020.

Top journals: This analysis includes the top of scientific journals in which our researchers most publish during 2020 and the aggregation level its by IdISSC and scientific area. In this case the indicators included are n° of papers (WoS), n° of citable items, times cited, quartil 2021 and WoS category position, Article Influence Score, Journal Citation Indicator and Impact factor without self citations.

Scientific Collaboration

Aggregation level: By country, by center and by author

Software: VOSviewer (developed by the CWTS of the University of Leiden) and Dimensions

Keyword analysis

Software: VOSviewer (developed by the CWTS of the University of Leiden)



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