

4th International Conference and Exhibition on
**Natural Products, Medicinal
Plants & Marine Drugs**

June 11-12, 2018 | Rome, Italy



UK: Conference Series Ilc LTD

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<https://naturalproducts.pharmaceuticalconferences.com/>

Hall - Olimpica 2

conference**series**.com 09:30-09:50

Opening Ceremony

Keynote Forum

09:50-10:00 Introduction

Title: **Arsenicin a from the marine sponge *Echinocalina Bargibanti* as a drug lead:**

10:00-10:30 **Synthesis and antitumor evaluation of related arsenicals**

Ines Mancini, University of Trento, Italy

10:30-11:00 Title: **Anti-diabetic and anti-obesity effects of natural flavonoids**

Hitoshi Ashida, Stanford University School of Medicine, USA

Networking & Refreshment Break: 11:00-11:20

11:20-11:50 Title: **New and bioactive compounds from Hawaiian microorganisms**

Shugeng Cao, University of Hawaii, USA

11:50-12:20 Title: **Sustainable development and the future of marine natural products in Egypt : SMIAF-Prototype project**

Mohamed Ashour Fikry Metwally, National Institute of Oceanography and Fisheries, Egypt

Group Photo 12:20-12:35

Sessions: **Natural Products | Marine Biotechnology | New Sources and Approaches to Natural Products | Development of Marine Drugs and Natural Products | Natural Products Chemistry | Natural Products Drug Discovery | Phytomedicine and Phytochemistry | Medicinal Natural Products | Anti-cancer agents in Medicinal Plants | Therapeutic Drugs and Personalized Medicines**

Session Chair: Ines Mancini, University of Trento, Italy

Session Chair: Hitoshi Ashida, Stanford University School of Medicine, USA

Session Introduction

12:35-13:00 Title: **Natural sesquiterpene lactones as potential Trypanocidal and Leishmanicidal agents**

Liliana V. Muschietti, University of Buenos Aires, Argentina

Lunch Break: 13:00-13:40

13:40-14:05 Title: **Effects of aqueous and ethanolic extracts of *Entandrophragma angolense*, *cola nitida* and *Gomphrena Celosioides* against Doxorubicin induced cardiotoxicity in rats**

Bamba Abou, Félix Houphouët Boigny University of Abidjan, Ivory Coast

14:05-14:30 Title: **Trichiliasinenoids α -c, three novel 6,7-secomexicanolide limonoids with a 7,29-linkage from *Trichilia Sinensis***

Donghua Cao, Chinese Academy of Sciences, China

14:30-14:55 Title: **Herb-drug interaction of *Andrographis paniculata* (Nees) extract and andrographolide on pharmacokinetic and pharmacodynamic of Etoricoxib, Nabumetone and Naproxen in rats**

Aishwarya Balap, PES's Modern College of Pharmacy, India

14:55-15:20 Title: **Cytotoxic effect of peptides isolated from sea cucumber, *Holothuria Parva*, muscle protein hydrolysis on the breast cancer cell line (4T1)**

Samira Besharati, Tarbiat Modares University, Iran

15:20-15:45 Title: **Comparison of conventional and microwave assisted acid mediated pectin extraction from peels of *Manilkara Zapota***

Nausheen Hameed Siddiqui, University of Karachi, Pakistan

Networking & Refreshment Break: 15:45-16:05

- 16:05-16:30** **Title: Solid state culture and metabolites analysis of white *Antrodia cinnamomea* fruiting bodies**
Yuh Shan Chung, National Tsing Hua University, Taiwan
- 16:30-16:55** **Title: Some biochemical parameters and their relation with elevation of ovary tumor marker – our experience**
Slobodan Dunjić, Center for Integrative procedures and Supplements, Serbia
- 16:55-17:20** **Title: Presence of high blood pressure and level of some biochemical parameters – our experience**
Dušan Vešović, VISAN - Sanitary Medical School of Applied Sciences, Serbia
- 17:20-17:45** **Title: Blood glucose level and lipid profile of alloxan-induced hyperglycemic rats treated with single and combinatorial herbal formulations**
Paul C. Chikezie, Imo State University, Nigeria

Panel Discussion

Day 2 June 12, 2018

Hall - Olimpica 2

Keynote Forum

- 09:50-10:00** **Introduction**
- 10:00-10:30** **Title: Bioactive biomasses in food and not food application, the case study of Brassicas**
Luca LAZZERI, Council for Agricultural Research and Economics, Italy
- 10:30-11:00** **Title: Stability enhancement of anthocyanins from *Hibiscus Sabdarriffa* with respect to their application as food colorant**
Santosh Bhujbal, Dr D Y Patil Institute of Pharmaceutical Sciences and Research, India

Networking & Refreshment Break:@ 11:00-11:20

- 11:20-11:50** **Title: A research pipeline for the discovery of bioactive small molecules with anti-aging activity from the marine mesophotic zone**
Ioannis P Trougakos, University of Athens, Greece
- 11:50-12:20** **Title: Aquatic, semi-aquatic medicinal plants used as food and remedies in Iran**
Mohammadbagher Rezaee, Research Institute of Forest and Rangeland, Iran

Sessions: Natural Products as Anti-Cancer Drugs | Marine: The Ultimate Source of Bioactives and Drug Metabolites | Marine Natural Products Drug Discovery | Bioactive Natural Products | Bioactive Natural Products from Marine Bacteria | Marine Probiotics and Prebiotics | A Promising Future for Marine Drugs and Natural Products | Medicinal Chemistry & Drug Discovery

Session Chair: Shugeng Cao, University of Hawaii, USA

Session Introduction

- 12:20-12:45** **Title: Antioxidant and tyrosinase inhibitory activities of γ -keto ester derivatives of carvacrol and thymol**
Geneive E Henry, Susquehanna University, USA

Lunch Break @ 12:45-13:30

- 13:30-13:55** **Title: An investigation of compounds and their bioactivities from *Jamaican Gracilaria mammillaris*, *Clavelina picta* and *Plexaurella nutans***
Doleasha Davis, University of the West Indies, Jamaica
- 13:55-14:20** **Title: Anti-inflammatory activity of Lupalbigenin from *Derris scandens* in Raw 264.7 cells**
Kanlayanee Sriklung, Srinakharinwirot University, Thailand
- 14:20-14:45** **Title: Oxodolastanes from the Jamaican Brown Alga, *Canistrocarpus cervicornis***
Sanjay Campbell, University of the West Indies, Jamaica

Poster Presentations 14:45-15:45

- PC-01** **Title: N-acetyldopamine dimers with anti-platelet aggregation activity from *Oxya Chinensis Sinuosa***
InWha Park, Chungnam National University, Republic of Korea

- PC-02** **Title: Cucurbitane Triterpenoids derived from *Momordica Charantia* inhibit proliferation of vascular smooth muscle cells**
DaYoung Kim, Chungnam National University, Republic of Korea
- PC-03** **Title: Discorhabdin alkaloids from *Antarctic Latrunculia* spp. sponges as a new class of cholinesterase inhibitors**
Ines Mancini, University of Trento, Italy
- PC-04** **Title: Comparative *in vivo* antidiabetic evaluation of Glimepiride, Fenugreek and their combination in Streptozotocin induced diabetic rats**
Hala H Zaatout, Alexandria University, Egypt
- PC-05** **Title: Total phenolic content, antioxidant activity and cytotoxicity on vibrio fischeri of herbal blends infusions from Greek flora: A synergism evaluation**
Elpida Giorgi, University of Athens, Greece
- PC-06** **Title: Screening British Columbia (BC) wild mushrooms for anti-cancer properties**
Bryan Chu Chwen LIM, University of Northern British Columbia, Canada
- PC-07** **Title: Evaluation of the cytotoxic effect of extracts of *Cuphea aequipetala* Cav. and *Verbena carolina* L. on cancer cell lines**
Calleros F R, Universidad Autónoma Metropolitana, Mexico
- PC-08** **Title: Chemical-Pharmacological study of *Centaurea Americana***
Jimenez P E, Universidad Autónoma Metropolitana, Mexico

Networking & Refreshment Break: @ 15:45-16:00

- 16:00-16:25** **Title: Improvement of secondary metabolites from *Phyllanthus Odontadenius* against malaria by mutagenesis**
Rufin Kikakedimau Nakweti, CGEA / CREN-K, Republic of the Congo
- 16:25-16:50** **Title: Accumulation and quantification of reserpine in cadmium chloride amended cultures of *R. serpentina***
Nadia Zafar, Jamia Hamdard, India
- 16:50-17:15** **Title: Evaluation of the hepatoprotective activity of the ethanol extract of *Gomphrena Celesioides***
Bamba Abou, Félix Houphouët Boigny University of Abidjan, Ivory Coast
- 17:15-17:40** **Speaker Slot Available**

Panel Discussion

Note: Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this program are subject to change