



### 4M Therapeutics

Skillman, New Jersey

Stem cells can now be derived from adults and induced to develop into neural progenitor cells (NPCs), a prototype of human brain tissue. And NPCs derived from patients with bipolar disorder are deficient in the WNT pathway. 4MTx has used NPC technology to develop small molecule WNT enhancers that could potentially treat bipolar disorder, Alzheimer's disease, and other conditions.

<http://www.4mtx.net>

*Pablo Lapuerta | pablo@4mtx.net*



### 7 Hills Pharma

Houston, Texas

7 Hills Pharma is a clinical-stage immunotherapy company developing a platform of novel, oral small molecules for the treatment of cancer & prevention of infectious diseases. Our lead molecule, 7HP349, is a first-in-concept integrin activator that stabilizes cell-cell interactions required for antigen presentation. In preclinical models, it improves the effectiveness of immune checkpoint inhibitors for cancer, as well as vaccines for influenza & COVID-19. In our first-in-human Phase I clinical trial, it has demonstrated a strong safety profile at exposures well exceeding therapeutic levels. 7HP349 is the only systemically safe immune stimulant that can activate both cellular & humoral immunity. Beyond 7HP349, 7 Hills Pharma's pipeline & associated IP coverage includes 6 unique structural classes of integrin agonists & 4 additional molecules in preclinical development.

<http://www.7hillspharma.com>

*Upendra Marathi | upendra@7hillspharma.com*



### Aether Therapeutics

Austin, Texas

Aether Therapeutics is developing a new class of therapeutics to prevent neonatal abstinence syndrome (NAS) in infants born addicted opioids & in creating the next generation of non-addictive pain medications. Our compound 6BMX, a main metabolite of the FDA-approved naltrexone, is a highly potent, orally available, peripherally selective neutral opioid antagonist with a high safety profile. In an eIND study our results showed good pharmacological properties even after a first dose of antagonist in highly dependent methadone patients. Aether is raising \$5 million (FIRST ROUND) that will take us into Phase II clinical trials.

<http://www.aethertherapeutics.com>

*Brian Cummings | brian@aethertherapeutics.com*



### Amplified Sciences

West Lafayette, Indiana

Imagine a world in which devastating disease such as cancer is detected sooner; thus, providing health providers the ability to treat patients earlier with better outcomes. Amplified Sciences is a Seed stage startup life science diagnostics company focused on accurately detecting & pre-empting the risks of debilitating diseases. The company leverages composition of matter IP licensed from Purdue University & has developed an ultra-sensitive molecular sensing technology platform that scales to point of care. Current \$1.8M Seed round enables commercial launch of their lead assay for early detection of pancreatic cancers.

<http://www.amplifiedsciences.com>

*Diana Caldwell | diana.caldwell@amplifiedsci.com*



**Ares Immunotherapy**  
Cartersville, Georgia

Ares Immunotherapy is a cellular immunotherapy company with a platform technology for the treatment of solid tumors. Our technology is based on a unique subset of T-cells that deliver substantial improvements in a solid tumor setting powered by an increased cytokine secretion, improved migration, & prolonged in-vivo persistence. Our lead candidate is a chimeric antigen receptor (CAR) T cell targeted against mesothelin. In animal studies we have seen a significant increase in function compared to conventional CAR T leading to tumor regression including full tumor ablation. We are preparing for a first in man trial in mesothelioma in 2023.

<http://aresimmunotherapy.com>

Brian Newsom |  
[brian.newsom@aresimmunotherapy.com](mailto:brian.newsom@aresimmunotherapy.com)



**Bluejay Diagnostics**  
Acton, Massachusetts

BlueJay is developing innovative and minimally invasive diagnostic products. Bluejay's tests are 'Near-Patient-Care', providing laboratory quality results and enabling access to affordable, time-sensitive, and life-saving decision for treatments within 20 minutes from 'Sample-To-Result'.

<http://www.bluejaydx.com>

Jason Cook | [jason.cook@bluejaydx.com](mailto:jason.cook@bluejaydx.com)



**Breathe BioMedical (formerly Picomole)**  
Moncton, New Brunswick, Canada

Breathe BioMedical is a Canadian medical device company developing ground-breaking, patented technology for breath analytics. Breath analytics involves the collection, processing & analysis of breath samples to identify biomarkers associated with specific diseases. Breathe BioMedical has completed a proof-of-concept study demonstrating their technology's ability to detect lung cancer with accuracy close to, if not better than, levels for low-dose computed tomography (LDCT). While continuing research into lung cancer, Breathe BioMedical has partnered on two additional independent research studies to detect breast cancer & COVID-19. One day, detecting disease will be as easy as breathing in & out.

<https://breathebiomedical.com>

Bill Dawe | [bill.dawes@breathebiomedical.com](mailto:bill.dawes@breathebiomedical.com)



**Corveus Medical**  
(Formerly Caridian Medical)  
Houston, Texas

Every year a million patients are hospitalized from congestive heart failure, but not from the heart stopping. Instead, weakening heart muscles don't pump like they should, resulting in fluid accumulation in the lungs that gives the sensation of drowning. We are developing a novel, catheter-based device that performs a targeted sympathetic nerve ablation to treat heart failure. Our solution leverages the body's natural mechanisms to bring fluid levels back to normal, giving physicians an effective treatment option, reducing costs for hospitals, & improving quality of life for the patient.

<http://www.caridianmedical.com>

Tyler Melton | [tyler@corveusmedical.com](mailto:tyler@corveusmedical.com)



**CaseCTRL**  
Sugar Land, Texas

Archaic surgery planning processes leave 51M patients unprepared for surgery -resulting in lost time, \$50B of surgical revenue/yr, & anxious patients. Built by surgeons, CaseCTRL- The Intelligent Surgical Home- empowers surgeons & teams to successfully execute the surgical journey end-to-end in seconds via a few clicks, instead of taking weeks. CaseCTRL's patent-pending cloud-based SaaS platform uses Ai to automate surgery scheduling workflows to decrease cancellations & operational costs, reduce administrative burden by 75%, & optimize patient journeys so high-performing surgeons & teams can increase revenue (+\$230K/surgeon/yr) & focus on delivering the quality personalized care patients deserve.

<https://www.casectrl.com>

*Pamela Singh | [pamela.singh@casectrl.com](mailto:pamela.singh@casectrl.com)*



**CellChorus**  
Houston, Texas

CellChorus® is the leader in performing high - throughput, dynamic analysis of individual cell behavior & function over time to improve the performance & manufacturing of cell-based products. The genesis of cells as living drugs requires technologies that profile massive numbers of cells at single-cell resolution. CellChorus places individual effector cells (e.g., cell therapy cells) & target cells (e.g., cancer cells) in each of thousands of nanowells. We apply Time-lapse Imaging Microscopy in Nanowell Grids (TIMING™) with neural network-based analysis to identify, track, & characterize the behaviors of the cells. Customers include top-25 biopharma companies & leading developers of cell therapies.

<https://cellchorus.com>

*Daniel Meyer | [dan@cellchorus.com](mailto:dan@cellchorus.com)*



**CorInnova**  
Houston, Texas

CorInnova is developing a non-blood contacting biventricular cardiac assist device for the treatment of acute heart failure that would eliminate many adverse events associated with existing cardiac assist devices due to blood contact. The device, initially for the fast-growing short-term cardiac assist market (up to 7 days' use), will expand the addressable market to \$6B+. The self-expanding, pneumatically driven device consists of collapsible thin-film polyurethane chambers with a nitinol wire frame that deploys within the pericardial sac and surrounds both ventricles. The device gently compresses the heart in synchrony with the heartbeat to increase output using an external pneumatic driver.

<http://www.corinnova.com>

*William Altman | [william.altman@corinnova.com](mailto:william.altman@corinnova.com)*



**Crossscope**  
Mountain View, California

Crossscope (Techstars W2020) abbreviated from "Computational Microscope" is a medical AI software startup founded by ex-Stanford and GE Healthcare founders who are upgrading one of the last bastions of legacy healthcare - the pathology lab. Crossscope is building digital pathology workflows and Artificial Intelligence (AI) based clinical decision support tools for hospitals, R&D centers, and diagnostic labs to automate histology image analysis and dramatically improve the efficiency and accuracy of diagnosis, improving care for cancer patients everywhere.

<https://crossscope.com>

*Jayendra Shinde | [jayendra@crossscope.com](mailto:jayendra@crossscope.com)*



**Cubresa**  
Winnipeg, Canada

Cubresa designs, manufacturers, markets and supports clinical and preclinical PET/MRI imaging systems. Our preclinical systems are used for disease research and multimodality tracer development. Our BrainPET imaging system is coming to market now and we anticipate that it will be used by brain researchers for investigation of Alzheimer's and other dementias, brain cancer, epilepsy and other brain diseases. We believe that PET/MRI imaging systems will also be used in the therapy monitoring workflow related to Alzheimer's Disease treatment.

<http://www.cubresa.com>

James Schellenberg | [jshellenberg@cubresa.com](mailto:jshellenberg@cubresa.com)



**Cx Precision Medicine**  
Fort Worth, Texas

CxPrecision Medicine (CxPM) is changing expectations for patients suffering from Alzheimer's & other neurodegenerative diseases by developing tools to accelerate diagnosis, facilitate personalized therapeutic treatment & improve patient outcomes. CxPM has developed tests to rule-out Alzheimer's Disease (AD) & Parkinson's Disease (PD) & also tests to predict the types of drugs likely to be successful in treating sub-types of patients. CxPM's blood tests are a proteomic assay of 21 protein biomarkers or their subsets, determined using high throughput multiplexed fluorescent immunoassays & analyzed by a proprietary computer algorithm using machine learning statistical evaluation to classify each subject.

<http://www.cxprecisionm.com>

Danguole Altman | [daltman@cxprecisionm.com](mailto:daltman@cxprecisionm.com)



**Drusolv Therapeutics**  
Philadelphia, Pennsylvania

AMD is the leading cause of blindness in developed countries affecting more people than glaucoma and diabetic retinopathy combined. Our product - a novel reformulation of atorvastatin - was developed at Harvard and has been validated in a very successful proof-of-concept clinical trial. It is aimed at people who are still in the intermediate stage of the disease and currently have limited options to prevent progression to late-stage vision loss. This is a \$4B per year, completely unmet need.

John Edwards | [jedwards@drusolv.com](mailto:jedwards@drusolv.com)



**Dynamic Light**  
Austin, Texas

Dynamic Light's software integrates with any microscope or robotic system providing surgeons full color, continuous viewing of blood flow intraoperatively—eliminating toxic dye injections and radiation to surgeons/patients. We are changing standard of care, allowing surgeons to instantaneously identify vessels to avoid, clip or cut, thereby reducing medical errors, radiation and costs. There is virtually no learning curve—it's akin to watching a color movie vs a black/white snapshot. Our patented software, licensed from UT Austin, has human clinical data in open neurosurgery, 50+ peer-reviewed publications. Proprietary algorithms run in real-time, gathering data for future AI, AR applications.

<http://www.dynamiclight.ai>

Elizabeth Hoff | [ehoff@dynamiclight.ai](mailto:ehoff@dynamiclight.ai)



**Eisana**

The Woodlands, Texas

We are redefining how cancer patients experience treatment by developing devices to prevent the most debilitating side effects because we believe unnecessary pain and suffering should not be the price of survival. Our first two products are a cryo-compression device to prevent nerve damage (peripheral neuropathy) and a cryo-device to prevent hair loss during chemotherapy. We are using smart engineering, thermoelectric cooling, which is novel, inexpensive, light-weight, small, and completely portable because patients need to begin and end treatment at home. We plan to market to doctors and patients, and sell directly to patients.

<http://www.eisana.com>

*Carole Spangler Vaughn | carole@eisana.com*



**EMPIRI**

Houston, Texas

EMPIRI is an early-stage biotechnology platform company currently focusing on precision oncology. Our proprietary 3D tissue culture method (E-slices) enables personalized drug response measurements from intact patient tissues. E-slice has been clinically validated to accurately predict individual cancer patient responses to chemotherapies, targeted therapies, immunotherapies. We are currently automating this game-changing technology for personalized cancer diagnostics to expand its usage in preclinical & clinical settings. For EMPIRI, oncology is just the beginning. We plan to expand the application of our platform technology to other areas such as neurology & toxicology.

<https://www.empiricancer.com>

*Dave Gallup | dgallup@empiricancer.com*



**Hera Biotech**

San Antonio, Texas

Hera Biotech is developing & commercializing the world's first non-surgical test for definitive diagnosis & staging of endometriosis, an often painful, benign condition that is the number one cause of female infertility. Hera's revolutionary test measures the expression patterns of an endometriosis-specific gene panel. Hera's patent-protected panel is heavily based on the expression profiles of a gene set, implicated in a number of other invasive processes. Hera's novel approach to tissue analysis revealed the role of this panel in the development & progression of endometriosis. Utilizing a laboratory-developed test development strategy, we believe Hera can achieve our goals with less time & funding than other diagnostic opportunities, creating greater opportunities for return to investors.

<http://www.herabiotech.com>

*Somer Baburek | Somer@herabiotech.com*



**Hummingbird Bioscience**

Houston, Texas

Hummingbird Bioscience is leading a bold new way of engineering precision biotherapeutics that can define the future of precision medicine. We focus on important biologically validated targets in cancer and autoimmune disease which have been elusive and difficult to drug. Powered by our unique data-driven systems biology approach, we engineer and develop next-generation therapies against these targets, giving hope to patients who do not respond to current treatments.

<https://hummingbirdbioscience.com>

*Leah DiMascio | l.dimascio@hummingbirdbio.com*



**Immatics US**  
Houston, Texas

Immatics combines the discovery of true targets for cancer immunotherapies with the development of the right T cell receptors with the goal of enabling a robust and specific T cell response against these targets. This deep know-how is the foundation for our pipeline of Adoptive Cell Therapies and TCR Bispecifics as well as our partnerships with global leaders in the pharmaceutical industry. We are committed to delivering the power of T cells and to unlocking new avenues for patients in their fight against cancer.

<http://www.immatics.com>

*Steffen Walter | [steffen.walter@immatics.com](mailto:steffen.walter@immatics.com)*



**InformAI**  
Houston, Texas

InformAI is a digital healthcare company that develops clinician analytics tools. We use artificial intelligence to extract data insights to improve patient outcomes and speed up medical diagnosis at the point-of-care. Our products focus on high impact/ high spend medical conditions including cardiac/thoracic surgery, wound care and sinus. InformAI has a CE Mark for its lead product and is currently going through FDA approval. We have just completed a National Science Foundation contract to build an organ transplant software, and are currently writing our Phase 2 proposal. The company is part of both TMCXi and the JLABS@TMC innovation center.

<http://www.informai.com>

*Jim Havelka | [jcoleman@informai.com](mailto:jcoleman@informai.com)*



**Lantha Sensors**  
Austin, Texas

Lantha Sensors is the primary portable chemical analysis solutions provider combining unparalleled simplicity, speed, & accuracy to provide the best possible solutions for the chemical detection & measurement process – period. Lantha achieves this by providing the greatest ease of use, a hyper-accurate handheld lab, the lowest price, & the fastest & most customizable chemical analysis tools in the world. With Lantha Sensors, ANYONE can be trained in five minutes to use the handheld device. There is no longer a need for highly-trained staff for routine analyses. Lantha's device makes chemical detection safer than traditional testing models.

<http://www.lanthasensors.com>

*Robert Toker | [rob@lanthasensors.com](mailto:rob@lanthasensors.com)*



**Lapovations**  
Fayetteville, Arkansas

Lapovations is creating a platform of innovative products that improve laparoscopy. Our flagship product AbGrab® is a single-use device that uses suction to lift the abdominal wall prior to closed insertion entry. Manually lifting can be difficult and unreliable, especially with obese patients or for clinicians with small hands. Towel clips create puncture wounds that can cause needless bruising and post-op pain. AbGrab® provides a reliable and non-invasive solution for abdominal wall elevation.

<http://www.lapovations.com>

*Jared Greer | [jared@lapovations.com](mailto:jared@lapovations.com)*





**Lifelet Medical**  
Galway, Ireland

Lifelet Medical (Galway, Ireland) are developing a heart valve technology that transcends the existing limitations of heart valve replacements by disrupting the way heart valves are made. In providing sustainable, durable, cost-effective heart valve leaflet solutions, Lifelet aims to improve patient outcomes, prevent complications, and reduce the need for costly re-intervention on millions of patients in the future. The Lifelet polymer valve is a made of a biodurable synthetic material, USP Class VI, with excellent 6 month chronic pre-clinical performance and free from thrombus in animals without anticoagulation.

<http://www.lifeletmedical.com>

Elle Sander | [elle.sander@lifeletmedical.com](mailto:elle.sander@lifeletmedical.com)



**Matica Biotechnology**  
College Station, Texas

Matica Biotechnology is a contract development & manufacturing organization (CDMO) specializing in the production of virus-based cell & gene therapies, vaccines, & other precision medicines for our clients. Our experts have 15 years of experience in the production of virus & advanced therapies in the clinic & on market today. Our goal is to establish a streamlined, global manufacturing solution for your products. Together with single-use bioreactor platforms, remote monitoring systems, quality driven processes & dedicated team, we create an exceptional framework to ensure development & manufacturing process keeps pace with the often-accelerated clinical approval pathways to the patient bedside.

<http://www.maticabio.com>

Andrew Arrage | [andrew.arrage@maticabio.com](mailto:andrew.arrage@maticabio.com)



**Maxwell Biosciences**  
Austin, Texas

Maxwell has developed their First-in-Class CLAROMER™ branded biomimetic drug discovery platform to precision engineer non-peptide small molecules (CLAROMERS™) with functional mimicry of the most bioactive human peptides. Confirmed preclinical animal studies, & also lab grown human tissues, show strong safety results with CLAROMERS that mimic the most effective molecules of the human innate immune system - cathelicidin antimicrobial peptides - with enhanced potency, safety & stability. The CLAROMER platform leverages over \$30 million in non-dilutive / government funding (e.g. DARPA, NIH, NIAID) & over 250 peer-reviewed studies validate the science & confirm virucidal, bactericidal, fungicidal & oncocidal efficacy.

<https://maxwellbiosciences.com>

Joshua McClure | [joshua@maxwellbiosciences.com](mailto:joshua@maxwellbiosciences.com)



**NERv Technology**  
Kitchener, Canada

NERv Technology Inc. is a Medical Device start-up in the process of researching, developing and manufacturing smart catheters. The smart catheters are to monitor post-surgical recovery of patients and detect anastomotic leaks early to increase recovery outcomes. Target customers will be healthcare and post-operative organizations in North America. The solution the device will provide is reduction of mortality, decreased recovery period and prevention of further surgical procedures. The device will reduce the diagnostic time of anastomotic leaks reducing potential infection and increasing patient outcomes.

<http://www.nervtechnology.com>

Youssef Helwa | [yhelwa@ne-rv.com](mailto:yhelwa@ne-rv.com)

## NEURASTASIS

**NeuraStasis**  
Houston, Texas

NeuraStasis places neural tissue into stasis giving ischemic stroke patients more time to receive treatment. In stroke, time is brain. Each minute a patient is waiting, irreparable damage is being done. NeuraStasis fills in the gaps in treatment. Their non-invasive solution is easy to apply and uses electrical neurostimulation to preserve brain functionality. The device activates brainstem reflexes that naturally preserve core organs in situations with low oxygen. Applied during the most precious minutes after diagnosis, NeuraStasis prevents disability and decreases long term healthcare costs. With NeuraStasis more patients can return to their loved ones disability free.

<http://neurastasis.com>

Kirt Gill | [kirt@neurastasis.com](mailto:kirt@neurastasis.com)



**Nia Therapeutics**  
Radnor, Pennsylvania

Nia Therapeutics is developing a precision neurostimulation therapy to restore memory function in patients with brain injury & degenerative disease. Our proprietary neurotechnology platform utilizes machine learning & neuroscience to personalize each patient's therapy. Our technology was developed at the University of Pennsylvania with funding from DARPA & has been shown to improve human memory in multiple clinical studies. Our platform represents the next generation of deep-brain stimulation devices: smart, connected, & powered by artificial intelligence. Nia has offices in Philadelphia & Boston.

<https://niatherapeutics.com>

Dan Rizzuto | [dan@niatherapeutics.com](mailto:dan@niatherapeutics.com)



**NoviRad**  
Houston, Texas

NoviRad, Inc. is a seed-stage medtech startup developing medical device solutions for interventional radiology and surgery. NoviRad's first medical device, the SmartDrain, consists of a novel dual-lumen catheter coupled to a programmable, sensor-driven electromechanical pump system. The SmartDrain addresses the number one problem with traditional pigtail drainage catheters - clogging. The SmartDrain leads to much faster resolution of fluid collections in the body by 1) applying active suction and 2) automating the catheter's flushing to clear the lumen and side holes of obstructive debris.

<http://novirad.com>

Elie Balesh | [elie@novirad.com](mailto:elie@novirad.com)



**OncoDrex**  
Winnipeg, Canada

OncoDrex Inc. is a Canadian Oncology Company that has discovered a "Unique Molecular Signature" associated with N-myristoyltransferase (NMT), which will allow for treatment of invasive cancers. We are developing a small molecule therapeutic with an orphan drug indication and we are targeting Triple Negative Breast Cancer (TNBC) as a priority. We are at an advanced stage of developing simple screening, predictive and companion diagnostics for and Breast Cancer (BC) and screening test for Colorectal Cancer (CRC).

<http://oncodrex.com>

Joe Brennan | [jbrennan@oncodrex.com](mailto:jbrennan@oncodrex.com)





**rBio**  
Missouri City, Texas

rBio™ develops synthetic biology-based solutions and deploys these as highly scalable industrial manufacturing processes. We engineer the bugs – typically bacteria and yeasts, prove out their industrial scalability for target proteins and then manufacture at industrial scale. rBio manufactures insulin, and also manufactures a host of other proteins for client companies

<http://www.rbio.online>  
Cameron Owen | [cameron@rbio.online](mailto:cameron@rbio.online)



**Ridgeline Therapeutics**  
Houston, Texas

We have developed a once-daily pill that greatly increases muscle strength & function in the elderly. This drug, one of several in our pipeline, prevents the unrelenting muscle degeneration experienced by all aging adults. We will enter clinical trials this year to treat frail elderly patients. Once approved, our drug will help hundreds of millions of elderly live healthier & fuller lives. Recognizing our achievement, the US National Academy of Medicine recently awarded Ridgeline its Catalyst Award as part of their Healthy Longevity Global Competition. This award is made to global innovators who are developing transformative treatments to extend healthspan & lifespan.

<http://ridgelinetherapeutics.com>  
Stan Watowich |  
[watowich@ridgelinetherapeutics.com](mailto:watowich@ridgelinetherapeutics.com)



ROBOLIGENT

**Roboligent**  
Austin, Texas

Roboligent develops novel robot systems specialized for human interactions and advanced robotic rehabilitation interventions. Optimo Regen, the first product, offers a rehabilitation robot that provides patients with high-intensity, evidence-based robotic interventions for the upper and lower limbs and increases the productivity of rehabilitation centers by providing therapists with human-like but tireless assistance.

<https://roboligent.com>  
Bongsu Kim | [bongsu@roboligent.com](mailto:bongsu@roboligent.com)



**Scalpel**  
London, United Kingdom

Scalpel's AI platform ensures clinicians have the right equipment at the right time and right place. Our Computer Vision driven AI platform identifies surgical inventory in real-time, without tags. This platform improves surgical efficiency and patient safety across the surgical care pathway.

<https://www.scalpel.ai>  
Yesh Pulijala | [yesh@scalpel.ai](mailto:yesh@scalpel.ai)



**Solenic Medical**  
College Station, Texas

Solenic leverages the unique properties of alternating magnetic fields (AMF) generated by external transducers to eradicate biofilm on the surface of metallic implants. This non-intrusive, non-contact treatment addresses a major complication frequently associated with various surgeries such as knee & hip replacements, orthopedic trauma cases & dental implants. The technology is particularly important & timely given the rise in the aging population & the rapid increase in the number of orthopedic procedures being performed every year. Designated a Breakthrough Device by the U.S. FDA, it has the potential to completely replace the very expensive & risky two-step revision surgical procedure.

<http://www.solenic.com>

James Lancaster | [james.lancaster@solenic.com](mailto:james.lancaster@solenic.com)



**Spark Biomedical**  
Richmond, Texas

Spark Biomedical, Inc. is a Texas-based medical device company and developer of a discreet, wearable, over-the-ear, neurostimulation solution for opioid withdrawal and addiction relief.

<https://www.sparkbiomedical.com>

Daniel Powell | [daniel.powell@sparkbiomedical.com](mailto:daniel.powell@sparkbiomedical.com)



**Starling Medical**

Houston, Texas

At Starling Medical, we are a digital health device company developing a revolutionary new AI and tech enabled platform for the management of chronic bladder dysfunctions that will allow our patients to pee safely and conveniently again at the push of a button. We offer a better quality of life for patients, new telehealth revenue streams for doctors, and significant cost savings for payors by preventing unnecessary hospitalizations all while Starling taps into a \$15B+ market.

<http://www.starlingmedical.com>

Alex Arevalos | [arevalos@starlingmedical.com](mailto:arevalos@starlingmedical.com)



**Tachyon Therapeutics**  
Houston, Texas

Tachyon develops first-in-class cancer drugs. The company is being led by a highly experienced management team, a uniquely qualified Board & supported by a wide network of world-class experts. TACH101 is a selective, exceptionally potent small-molecule inhibitor of epigenetic KDM4. A first-in-human Phase 1 study in advanced solid tumors is anticipated for Q4 2021. LEFTY acts as a dual antagonist of the TGF- $\beta$ /SMAD & NODAL/SMAD2 signaling pathway. Inhibition of LEFTY in breast cancer models leads to significant impairment of tumor progression or complete inhibition of tumor growth. Tachyon has partnered with AbCellera to develop an antibody & expects to initiate IND-enabling studies by 2H 2022.

<http://www.tachyonx.com>

Frank Perabo | [fperabo@tachyontx.com](mailto:fperabo@tachyontx.com)



**Tesa Medical**  
San Francisco, California

Tesa Medical's patented technology system, CordaSet™, allows for the rapid tensioning & fixation of soft tissue. Numerous studies have examined the etiology of ACL reconstruction & revision surgeries & have shown laxity to be an issue in 10-30% of cases. The CordaSet System consists of a trans-tunnel implant & a unique, interactive handpiece to adjust & report the graft tension to a precise value enabling an "isometric" check of tunnel placement. The System will set the stage for the development of objective tensioning metrics & the promotion of more consistent clinical practice to reduce joint laxity.

<http://www.tesamedcorp.com>

Howard Edelman | [hedelman@tesamedcorp.com](mailto:hedelman@tesamedcorp.com)



**TEZCAT Laboratories**  
Dripping Springs, Texas

TEZCAT Laboratories is an early-stage Austin, Texas biopharmaceutical company developing innovative therapies for RAS-mutant cancer patients. The TEZCAT core technology is a protein-based therapeutic delivery platform that penetrates, accumulates in, & is internalized specifically by RAS tumors using a novel escape-resistant targeting mechanism. As a member of the initial Texas Medical Center ACT Program, & a CPRIT funded incubator, TEZCAT has benefitted from strategic business consulting, entrepreneurial training, & scientific reviews to prepare a comprehensive development plan to bring their lead asset, TZT-102, to first-in-human clinical trials.

<http://www.tezcat.co>

Craig Ramirez | [craig@tezcat.co](mailto:craig@tezcat.co)



**Vascular Perfusion Solutions**  
San Antonio, Texas

VPS develops transformational medical devices that use oxygenated perfusion to preserve & resuscitate organs, limbs, & other vascularized tissue. Our first effort, branded V.P.S ENCORE, is a disposable, low-cost, easy-to-use, & highly portable cardiac transport device. We hope it supplants the current standard of care – a picnic cooler filled with ice – to substantially extend the time an organ can remain outside the body while awaiting transplant, from 4 hours to 24 hours, & beyond. Its use is expected to significantly increase the number of organs available for transplant across the World, & may even enable organ banking.

<http://www.vascularperfusion.solutions>

Mark Muller | [mark@vascularperfusion.solutions](mailto:mark@vascularperfusion.solutions)



**Vena Medical**  
Kitchener, Canada

Providing physicians with the world's smallest camera capable of going inside veins and arteries to help them treat stroke.

<http://www.venamed.ca>

Michael Phillips | [michael@venamed.ca](mailto:michael@venamed.ca)



**Vivifi Medical**  
Houston, Texas

There are over 12M actively managed BPH patients in the US alone. Majority of them are approved for surgery. However, only ~300k surgeries are performed each year. All the existing treatment options only provide temporary symptomatic relief at the cost of relief-duration, pain & sexual functionality. The gold standard is a 'roto-rooter' procedure (TURP) that shaves urethral and prostatic tissue away, is associated with significant pain involved and 6 months of average recovery time. A better solution that addresses the root cause could have a transformative impact and have an expanded patient population.

<http://www.vivifimedical.com>

*Tushar Sharma | tushar@vivifimedical.com*



**WAVi Co**  
Denver, Colorado

WAVi consists of patented, FDA-cleared (Class II Medical device) hardware with an extremely user-friendly headset refined by Momo Design out of materials created by the founder of Crocs Footwear. This is paired with software to evoke, accept, & analyze the signals (FDA clearance ~Q2 2022) allowing for well-structured data. Built on top is a cloud application that brings practitioners, specialists & researchers together. WAVi is fast (principal p300 test is just 4-min), portable (can be conducted in an office, home or school), affordable & user-friendly (3 hours to train an adult to run scans). Reporting is instantaneous with personalized actionable reports & contributes a unique dataset to the overall knowledge & understanding of the human brain.

<http://www.wavimed.com>

*Jim Prather | jim.prather@wavimed.com*



**XN Health**  
Houston, Texas

Mechanical ventilation is lifesaving treatment proving respiratory support for ~1.6 million critically ill patients in the US. Unfortunately, this treatment also causes patients to lose respiratory strength through a condition called ventilator induced diaphragm dysfunction (VIDD). We have developed a novel approach to phrenic nerve stimulation to prevent & combat the progression of VIDD to help wean patients off the ventilator faster. By providing therapy to the phrenic nerves, our device induces contractions of the diaphragm to maintain the integrity of this muscle. This will speed up patient liberation times, shortening ICU stay, improve healthcare outcomes, & reduce health care costs.

<http://www.xn-health.com>

*Elizabeth Jaworski | elizabeth@xn-health.com*



**YAP Therapeutics**  
Houston, Texas

YAP Therapeutics, Inc. is a preclinical stage biotechnology company driving innovation for patients in the new field of in vivo regeneration. YAPtx develops genetic medicines that leverage the company's tissue renewal & regeneration platform to reverse & cure severely debilitating acquired diseases, such as heart failure, pulmonary diseases, retinal degeneration & hearing loss, among others. The emerging field of gene therapy has made significant advances toward cures for rare inherited diseases; now, YAPtx pushes the field into a new frontier by applying its regenerative technology platform to develop transformative genetic medicines with the mission of improving & lengthening patients' lives.

<http://www.yaptx.com>

*Tyler Kibbee | tkibbee@yaptx.com*



YASOTHERAPEUTICS

**Yaso Therapeutics**

Frisco, Texas

Yaso is a preclinical drug company, developing reproductive health products based on Polyphenylene carboxymethylene sodium salt, a novel, patented polymer drug. PPCM is active against sperm & is a promising vaginal contraceptive. PPCM inhibits viral & bacterial infections, thus promises to prevent sexually transmitted disease. Our team has a collective 100+ years of experience developing & commercializing such products. We hold the worldwide license to the drug. We seek partners & investors.

<https://yasotherapeutics.com>

Mary Weitzel | [mweitzel@yasotherapeutics.com](mailto:mweitzel@yasotherapeutics.com)