



National Heart, Lung,
and Blood Institute

NHLBI SAN DIEGO INNOVATION CONFERENCE JUNE 11, 2013



@NHLBI_SBIR #NHLBIshowcase

Janssen Research & Development

3210 Merryfield Row

San Diego, CA 92121



PHARMACEUTICAL COMPANIES
OF Johnson & Johnson

Janssen Labs

PRESCIENCE
INTERNATIONAL



Agenda

10:30 - 11:00 a.m.

Registration

11:00 - 11:15 a.m.

Welcome Remarks

11:15 - 11:30 a.m.

NHLBI Presentation

11:30 - 12:15 p.m.

Company Presentations

12:15 - 12:45 p.m.

Lunch

12:45 - 1:30 p.m.

Company Presentations

1:30 - 2:30 p.m.

Investor Panel

2:30 - 2:45 p.m.

NHLBI Presentation

2:45 - 3:00 p.m.

Closing Remarks

3:00 - 5:00 p.m.

Reception

Speaker Bios



Jodi Black, PhD

Deputy Director, Division of Extramural Research Activities, NHLBI

Dr. Black is the Deputy Director, DERA, National Heart Lung and Blood Institute, where she provides scientific and management leadership and oversight of extramural research and training programs. Dr. Black develops and oversees programs designed to derive the greatest possible benefit from the Institute's basic science and clinical research investment by enabling, facilitating and catalyzing the translation of research discoveries and innovations into new diagnostics, devices, therapeutics, and tools. She created the NHLBI Office of Translational Alliances and Coordination (OTAC) which enhances translation of technologies from the bench to the market by developing initiatives that enable continued R&D guided by commercialization requirements and by providing access to resources.



Kurt Marek, PhD

Program Director and SBIR Coordinator, NHLBI

Dr. Marek is a Program Director at the National Heart, Lung, and Blood Institute where he coordinates the Small Business Innovation Research (SBIR) program. In this role, he develops, manages, and evaluates scientific programs to support small businesses performing research and development on innovative biomedical products. Dr. Marek provides advice to small businesses on all aspects of the SBIR program, including funding opportunities, the application process, and commercializing technologies. Dr. Marek was instrumental in the development of the Office of Translational Alliances and Coordination, the NHLBI office charged with developing trans-NHLBI programs to foster the translation of early stage discoveries into commercial products.



Kara Bortone, PhD

Director of Corporate Ventures, Prescience International

Dr. Bortone is Director of Corporate Development at Prescience International, a company dedicated to translating science and technology into economic wealth and social impact through innovation centers and educational programs. She oversees the recruitment and selection process for Janssen Labs, a no-strings-attached, turnkey research center for promising life science companies created by Janssen Research & Development in San Diego. Dr. Bortone has over 10 years' experience in business development, marketing, investor relations and communications in the European and the U.S. biotech sector.



Speaker Bios



Stephen Flaim, PhD Special Advisor, NHLBI & Chairman, TCA (MODERATOR)

Dr. Flaim is Special Advisor to the Office of Translational Alliances and Coordination in the Division of Extramural Research Activities, NHBLI of the NIH, and Chairman of TCA. He is also Founder & President of Flaim Partners Consulting, a Fellow of the American College of Cardiology, the AHA, the American College of Clinical Pharmacology, and the Royal Society of Medicine. Dr. Flaim is a board member of Pivotal Biosciences and AnaBios Corporation, Chairman of the Board for Leading Biosciences, on the Editorial Board of the Journal of Pharmacology and Experimental Therapeutics, a Technology and Business advisor to the William J. von Liebig Center for Entrepreneurism and Technology Advancement at UCSD, Chairman of the John G. Watson Foundation. He is Cofounder & CEO of CardioCreate and Chairman & CEO of OncoFluor.



Beth Hill, PhD Platform Innovation Lead, Johnson & Johnson Innovation Center California

Dr. Hill is currently Platform Innovation Lead for the J&J Innovation Center in California where she builds collaborative partnerships with life science technology innovators to accelerate the development of transformational medicines. During her prior 10 years with J&J she led cross-disciplinary teams at ALZA, Centocor, and Janssen, to create and apply technologies that overcome technical and business barriers and address unmet patient needs. Before that, Dr. Hill was Director of Cellular Immunology at Corixa, held a series of R&D leadership roles in stem, somatic cell and gene therapies at Systemix /Novartis eventually becoming Deputy Head of Research, and had began her industrial career developing antibody-based diagnostics at Syva Co.



Allan May Founder, Life Science Angels

Since 1995, Mr. May has been founder, Chairman, CEO, or investor in over 50 medtech, biotech, and diagnostic startups. He is now founder of Life Science Angels the largest angel organization in the U.S. focused solely on early stage medical device and life science start-ups, and comprised solely of high net worth individuals from the medical device or biotech fields. LSA has invested over \$35M in 40 startups and achieved 7 positive exits to date. In 2011, Mr. May launched the Life Science Angel Network, a consortium of 15 angel groups throughout the United States, to focus on increasing the syndication and capitalization of highly vetted healthcare startups.



Peter McWilliams, PhD Managing Director, Sanderling Ventures

Dr. McWilliams is Managing Director with Sanderling Ventures and has more than 15 years of experience in biomedical research and management. He works actively with Sanderling portfolio companies in the role of Chairman, Director, CEO and member of the management team. Prior to joining Sanderling, Dr. McWilliams worked at Genentech where, as a Product Manager in Oncology Commercial Development, he managed a pipeline of oncology products in clinical and pre-clinical development. He was the Commercial Team Leader for Avastin, a first-in-class anti-angiogenic therapy for cancer. Prior to that he was an Associate with Booz Allen & Hamilton, where he focused on consulting projects for major multi-national lifescience companies.



Poster Company Profiles



America Stem Cell, Inc (ASC) is a biopharmaceutical company developing and commercializing breakthrough products designed to improve outcomes for patients receiving stem cell therapy.



BioData Innovations Systems, LLC is a startup company that is uniquely positioned to facilitate transfer of technology from the University of California San Diego to commercial products. The mission of BioData is to translate basic technology into practical clinical products.



ChemRegen, Inc. is a privately held 'research centric' drug development corporation. With a global, "cutting edge" scientific team, ChemRegen delivers reliable drug candidates to combat cardiovascular and cancer diseases.



Cognionics is a University of California San Diego spin-off and an expert in designing and building high-quality, mobile biopotential sensing systems ranging from non-contact ECG harnesses to high density dry EEG headsets. Cognionics' proprietary technologies enable the company to create complete solutions with industry leading signal quality, comfort, performance and cost.



DNAMicroarray, Inc. has an Adult Stem Cell Technology business called "CellCured" which is a collection of novel stem cell technologies invented and developed in-house during the last 6 years.



Insilicomed provides integrated biocomputational engineering analysis solutions to medical technology companies to speed the product development cycle and reduce development costs. Through computational models, Insilicomed's software and databases integrate biological science, medical knowledge and engineering principles.



Molecular Express, Inc. is a research and development technology company specializing in the application of life science technologies to address market needs across a broad spectrum of industries. The Company's lipid and "Molecular Guided Particle System" delivery platform is the basis for many active programs targeting anti-cancer therapeutics, drug delivery systems, vaccines, and nanoparticulate drug delivery technologies.



OrPro Therapeutics, Inc. is developing ORP-100, a new lung clearance therapy for Cystic Fibrosis (CF) and other pulmonary diseases. ORP-100 is a recombinant engineered variant of thioredoxin, a human lung protein that has demonstrated in laboratory studies a potent ability to increase the fluidity of mucus.



Company Presentations



Capricor, Inc. is a biotechnology company focused on developing and commercializing powerful cardiac stem cell treatments to regenerate the heart. The company's products aim to transform the treatment of heart disease, bringing an indigenous approach to cardiac medicine and stem cell technology.



Fallbrook Engineering is a contract product development, management and engineering services consulting firm. The company accelerates companies' introduction of new medical products into the marketplace and is an expert in the design and development of diagnostic and therapeutic systems, processes, components and products.



KAER Biotherapeutics provides services and devices for the generation and delivery of respirable aerosols. KAER's primary competitive advantage is in the generation and delivery of high concentrations of aerosols of large labile molecules.



Targeson, Inc. is developing, manufacturing and marketing acoustically active microspheres as research tools for the life science research markets. The company is a leader in microsphere technology for targeted delivery.



Vala Sciences Inc is a biotechnology company that develops and sells cell-image-based instrumentation, reagents and analysis software tools to academic, pharmaceutical and biotechnology scientists. Vala has developed intellectual property that enables information-rich high throughput measurements for making fundamentally new insights into cell function.



Vascular BioSciences is a biopharmaceutical and medical device company with a focus on developing solutions for difficult-to-treat cardiovascular and inflammatory diseases. The company's lead therapeutic candidate, CARSKNKDC (CAR) peptide, represents a new paradigm in targeted therapy.

Notes:



Hosts and Sponsors



www.nhlbi.nih.gov

The National Heart, Lung, and Blood Institute

The NHLBI provides global leadership for research, training, and education to promote the prevention and treatment of heart, lung, blood, and sleep diseases and disorders and to enhance the health of all individuals so that they can live longer and more fulfilling lives. The NHLBI is the third largest research organization at the National Institutes of Health (NIH), and has a 2012 budget of more than \$3 billion. The NHLBI provides grant and contract funding opportunities to support small businesses performing research and development on technologies related to its mission.



www.prescienceintl.com

Prescience International

Prescience International is dedicated to the global adoption of life science, cleantech and other high-growth technologies which generate sustainable economic results and have a positive social impact. Prescience engages with private and public clients to create and operate unique innovation centers, design and deliver world-class educational programs, and provide targeted commercialization support services.



Janssen Labs

www.janssenlabs.com

Janssen Labs

Janssen Labs is a life science innovation center located at the Janssen Research & Development West Coast Research Center in San Diego. The facility provides emerging companies many of the advantages of being in a big company, without the capital investment. Janssen Labs is an open innovation model, and the agreement for space does not grant Janssen any stake in the companies, nor will the companies have a guaranteed future affiliation with Janssen.



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