13TH ANNUAL CONFERENCE

BUSINESS OF **BIOTECH**

Cracking the Cancer Code

Friday 2.22.2019 | Moffitt Cancer Center | Tampa, FL

#MoffittBOB www.moffittip.com



MOFFITT 2018 INNOVATION INDEX



PUBLIC-PRIVATE PARTNERSHIPS

Bristol-Myers Squibb Company Celgene Corporation Iovance Biotherapeutics Incyte Corporation

AGENDA

8:30 – 9:15am	BREAKFAST AND NETWORKING • ATRIUM
9:15 – 11:00am	 WELCOME AND KEYNOTE ADDRESS Dr. Reid Huber, Partner, Third Rock Ventures and former Chief Scientific Officer, Incyte Corporation is interviewed by Cokie Roberts, ABC News Political Commentator, NPR Contributing Senior News Analyst, and member of the Moffitt Board of Advisors
11:30am – 12:30pm	 BREAKOUT SESSIONS Navigating FDA Approvals for Cell Therapy Moderator: Dr. Julio Chavez, Moffitt Cancer Center COUCH AUDITORIUM Clinical Pathways: Tackling Value-Based Cancer Care Moderator: Dr. Bryan Mclver, Moffitt Cancer Center FERMAN CONFERENCE ROOM
12:30 – 2:00pm	LUNCH AND NETWORKING O ATRIUM
1:15 – 1:45pm	TOURS
2:00 – 3:00pm	 BREAKOUT SESSIONS Artificial Intelligence in Cancer Care Delivery: The Robot Will See You Now Moderator: Dr. Ross Mitchell, Moffitt Cancer Center Announce 2020 Date and Keynote
	 Moderator: Dr. Marco Davila, Moffitt Cancer Center Announce 2020 Date and Keynote FERMAN CONFERENCE ROOM
3:30 – 4:30pm	CELL THERAPY TOURS (LIMITED AVAILABILITY) M2GEN BUILDING
OPEN ALL DAY	CHAT. CHARGE. COFFEE! Network, charge your device and refuel MURPHEY CONFERENCE ROOM

KEYNOTE INTERVIEW

Reid Huber, PhD Partner, Third Rock Ventures Former Chief Scientific Officer, Incyte Corporation



Dr. Huber joined Third Rock Ventures in 2018 as Partner. Third Rock is one of the industries preeminent life sciences venture capital firms based in Boston, MA. At Third Rock, Dr. Huber is focused on discovering, launching and building highly innovative, value-creating, product engine-focused companies across multiple therapeutic areas.

Prior to Third Rock, Dr. Huber was at Incyte Corporation which he joined in 2002 as a member of the founding scientific team, and most recently served as the company's Executive Vice President and Chief Scientific Officer. Under Dr. Huber's leadership, Incyte's research labs have brought forward more than 25 therapeutics into clinical development over 16 years, including the janus kinase (JAK) inhibitors ruxolitinib (Jakafi®; approved for the treatment of myelofibrosis and polycythemia vera) and baricitinib (Olumiant®; approved for the treatment of rheumatoid arthritis), as well as therapeutics in late-stage/Phase 3 development for genetic sub-types of cholangiocarcinoma and bladder cancer (pemigatinib) and lung cancer (capmatinib); as well as lymphoma (parsaclisib) and graft vs host disease (itacitinib).

Before joining Incyte, Dr. Huber held scientific research positions at DuPont Pharmaceuticals and Bristol-Myers Squibb from 1997 to 2002. Dr. Huber received his PhD in molecular genetics from the Washington University School of Medicine and held pre- and post-doctoral fellowships at the National Institutes of Health.

Dr. Huber serves on the Board of Directors of Bellicum, a company focused on developing novel cellular therapies for cancer and orphan inherited blood disorders; as well as the B+ Foundation, the nation's largest provider of financial assistance to families of children with cancer.



Cokie Roberts ABC News Political Commentator; Contributing Senior News Analyst, National Public Radio



Cokie Roberts is a political commentator for ABC News and NPR. In her more than 40 years in broadcasting, she has won countless awards, including three Emmys. She has been inducted into the Broadcasting and Cable Hall of Fame, and was cited by the American Women in Radio and Television as one of the fifty greatest women in the history of broadcasting. In addition to her reporting, Roberts has written six New York Times bestsellers, most dealing with the roles of women in U.S. history.

In addition to her appearances on the airwaves, Roberts, along with her husband, Steven V. Roberts, writes a weekly column syndicated in newspapers around the country by Universal UClick. The Roberts also wrote two books together: Our Haggadah: Uniting Traditions for Interfaith Families, and From this Day Forward, an account of their now almost fifty year marriage and other marriages in American history. The book immediately went onto The New York Times bestseller list, following Cokie Roberts's number one bestseller, We Are Our Mothers' Daughters, an account of American women's roles and relationships over time.

Roberts's other history books recounting the untold and remarkable contributions of women to the country's founding and its preservation: Founding Mothers, Ladies of Liberty, and Capital Dames, about women and Washington in the Civil War – all also rated as New York Times bestsellers, along with her children's books Founding Mothers and a children's version of Ladies of Liberty, illustrated by Goode, which was published in December 2016.

Cokie Roberts holds more than 25 honorary degrees and serves on the boards of several nonprofit institutions. President Bush appointed her to his Commission on Service and Civic Participation. In 2008, the Library of Congress named her a "Living Legend," one of the very few Americans to have attained that honor. She is the mother of two and grandmother of six.

NAVIGATING FDA APPROVALS FOR CE 11:30 a.m. - 12:30 p.m. - Ted and Marty Couch Auditorium

MODERATOR



Julio Chavez, MD Moffitt Cancer Center Assistant Member, Hematologic Malignancies, Lymphoma Section

Dr. Chavez, MD, MS is a medical oncologist in the Lymphoma Section of the Department of Malignant Hematology at Moffitt Cancer Center and Assistant Professor in the Department of Oncologic Sciences at the University of South Florida. His clinical and research interests are on lymphoid malignancies, specifically aggressive B-cell lymphomas, virally-related lymphoid malignancies and chronic lymphocytic leukemia. Dr. Chavez is currently principal investigator and co-investigator on several cellular based immunotherapies, including chimeric antigen receptor therapy (CART) in lymphoid malignancies and leukemia. He holds a Master's Degree in Clinical Research at the University of South Florida. He received his clinical training in Internal Medicine at the State University of New York at Buffalo, New York and completed his Medical Oncology fellowship at the University of South Florida/Moffitt Cancer Center in Tampa, Florida. Dr. Chavez is board-certified in Internal Medicine and Medical Oncology.

PANELISTS



Dietmar Berger, MD, PhD Executive Vice President Global Head of Research & Development Atara Biotherapeutics

Dietmar Berger is Executive Vice President and Global Head, Research and Development, at Atara Biotherapeutics, where he leads the preclinical and clinical strategy for the company's portfolio of T cell immunotherapies for cancer, infectious diseases and autoimmune conditions. Formerly, Dr. Berger was Senior Vice President and Global Head, Product Development, Clinical Science Hematology and Oncology at Roche/Genentech. Dr. Berger has more than 25 years of experience in oncology research and development, including Bayer HealthCare, Amgen, Scripps Research Institute, La Jolla, California, and the University Medical Hospital, Freiburg, Germany. Dr. Berger has a MD PhD in Human Medicine from the University of Freiburg.



Eva Essig, PhD Vice President Regulatory Affairs Intellia Therapeutics

Dr. Eva Essig has served in her current role as Vice President, Regulatory Affairs at Intellia Therapeutics since September 2003. She is involved in developing therapeutic biologics, small molecules, blood products and biosimilars. Most recently, Dr. Essig was Vice President, Global Regulatory Affairs-Biosimilars at Searle-Pharmacia, now Hospira/ Pfizer, where she oversaw the regulatory efforts of Pfizer drug Celebrex. Her career in Regulatory Affairs began at Hoechst Canada Inc., now Sanofi-Aventis, in 1990. She holds a BS in Neurobiology from McGill University, Montreal, Canada, and a PhD in Neuropharmacology from Bristol University, Bristol, U.K.

LL THERAPY



Howard Johnson Senior Vice President Corporate Development Iovance Biotherapeutics

Mr. Johnson is Senior Vice President, Corporate Development, Alliance Management and Program Management at Iovance Biotherapeutics. Iovance is developing autologous cellular immunotherapies optimizing personalized, tumor-directed Tumor Infiltrating Lymphocytes (TILs). Mr. Johnson is an entrepreneurial executive with more than 30 years of experience in operations, finance, business development and investor relations, primarily in healthcare companies. After starting his career as an investment banker, working on product development financings for leading biotech companies at Paine Webber Development Corporation, he went on to become an early investor and initial board member of Acorda Therapeutics. Mr. Johnson's oncology experience includes Vion Pharmaceuticals, where he was president and CFO. Recently, he served as CEO of VentriNova, an emerging gene therapy company. He holds a MBA from Harvard Business School.



Amit Kumar, PhD Chairman, President, and CEO Anixa Biosciences

Dr. Kumar is currently the Chairman and CEO of Anixa Biosciences (NASDAQ: ANIX). Previously, as CEO, he took CombiMatrix Corporation public and ran it for a decade while listed on the NASDAQ Global Market. He has worked in venture capital with OAK Investment Partners, and has been an advisor to investment funds, venture capital firms, and Fortune 500 companies. Dr. Kumar was on the Board of Directors of Acacia Research Corporation from 2002 to 2008, and has served on the Board of the American Cancer Society since 2016. He received his AB in Chemistry from Occidental College. After graduate studies at Stanford University and Caltech, he received his PhD from Caltech and followed that with a post-doctoral fellowship at Harvard.

SESSION SPONSORED BY



CLINICAL PATHWAYS: TACKLING VALU 11:30 a.m. - 12:30 p.m. - Ferman Family Conference Room

MODERATOR



Bryan McIver, MD, PhD, FRCP(Edin) Moffitt Cancer Center Deputy Physician-in-Chief

Dr. McIver is the Deputy Physician-in-Chief of the Moffitt Medical Group, where he is responsible for Physician engagement in Moffitt's Clinical Pathways. Before that, he was the Interim Chair of Moffitt's newly created Department of Head and Neck, and Endocrine Oncology, and the Interim Chair of the Department of Breast Oncology. He moved to Moffitt in 2013 to become the Program Leader of the Endocrine Tumor Program. Before Moffitt, Dr. McIver spent 15 years at the Mayo Clinic as a Consultant in Endocrinology and Internal Medicine, with seven of those years as Chairman of the Mayo Clinic Thyroid Group. Dr. McIver received his MB ChB degree from the University of Edinburgh Medical School, following a PhD in Physiology and Biophysics at the University of Vermont. He completed an Internal Medicine Residency at the Royal Infirmary of Edinburgh, followed by a Clinical Fellowship and Clinical Investigator Fellowship in Endocrinology at the Mayo Graduate School of Medicine.

PANELISTS



Roger Brito, MD Senior Director of Clinical Solutions National Director of Oncology Aetna

Dr. Brito joined Aetna in 2017 where he leads the oncology solutions division, and helped establish an oncology specific care management platform for members. Previously, Dr. Brito was an oncology consultant for Molina Healthcare Company, where he initiated the use of clinical pathways. Dr. Brito also established inpatient chemotherapy guidelines for Molina Healthcare members in the state of Florida, improving guality of care and decreasing hospitalizations. Dr. Brito completed his Medical Oncology Fellowship at The University of Texas M.D. Anderson Cancer Center, where he was Chief Fellow in 1999. While there, he participated in clinical research specializing in new drug development. Upon completion of his fellowship, Dr. Brito founded a large clinical practice in Palm Beach County, Florida.



Karen Fields, MD Medical Director, Clinical Pathways and Value-Based Cancer Care Moffitt Cancer Center

Karen K. Fields, MD, is the Medical Director of Clinical Pathways and Value-Based Cancer Care at Moffitt Cancer Center. She works with the Moffitt's Payer Strategies group to define and implement value-based payment models. She has also served as the President and CEO of the Cancer Therapy and Research Center in San Antonio, Texas, the Vice President of Global Academic Programs at the University of Texas M.D. Anderson Cancer Center, and the Chief Medical Officer of the Nevada Cancer Institute. Dr. Fields received her medical degree from The Ohio State University College of Medicine and completed fellowships in Medical Oncology and Hematology at the University of Cincinnati and the University of Florida Health Sciences Center in Jacksonville, Florida.

E-BASED CANCER CARE



Heather Meeker, JD Partner O'Melveny & Myers LLP

Heather Meeker is a partner at the law firm O'Melveny & Myers LLP. Ms. Meeker handles technology transactions and intellectual propertyrelated aspects of mergers and acquisitions for companies in all technology sectors and for nontechnology companies doing technology deals, with an emphasis on IT and software. Prior to joining O'Melveny, Ms. Meeker practiced at an AmLaw 20 firm, where she served as chair of the firm's IP/IT Licensing and Transactions Group, as well as the co-managing shareholder of its Silicon Valley office. Ms. Meeker received her JD from the University of California, Berkeley, where she was Order of the Coif and Editor in-Chief, Berkeley Technology Law Review. Heather also received a BA in Economics from Yale magna cum laude.



Viraj Narayanan Director, Life Sciences Cota Healthcare

Viraj Narayanan is Vice President, Life Sciences at COTA, a healthcare technology and data analytics company in oncology. He is responsible for managing and growing life science customer partnerships with COTA's deep clinical and longitudinal real world evidence and analytic solutions. Prior to COTA, Mr. Narayanan spent five years in the oncology space in strategic advisory roles with Sylvester Cancer Center at the University of Miami, Pfizer, Sanofi, and GlaxoSmithKline. He was previously a Principal at Heidrick & Struggles Consulting and Decision Strategies International. Mr. Narayanan earned a BS in Decision Science from Carnegie Mellon Universith and a MBA from the Wharton School at the University of Pennsylvania.



Viet Nguyen, MD Clinical Informatics Consultant Leidos

Dr. Viet Nguyen is an internist, pediatrician, clinical informaticist and consultant to government and commercial organizations in developing interoperable workflows and technologies. He has over 15 years of experience in Health IT focused on interoperability standards and product development. Formerly the CMIO for Lockheed-Martin and Leidos Corporation, he now serves as the lead Clinical Informatics Consultant for Leidos. Dr. Nguyen is also a nationally recognized FHIR educator, a FHIR Foundation Board Member and Technical Director for the HL7 Da Vinci Project through his company, Stratametrics. You can follow him on Twitter @VietNguyenMD.

SESSION SPONSORED BY



ARTIFICIAL INTELLIGENCE IN CANCER THE ROBOT WILL SEE YOU NOW

2:00 p.m. - 3:00 p.m. - Ted and Marty Couch Auditorium

MODERATOR



J. Ross Mitchell, PhD Moffitt Cancer Center Artificial Intelligence Officer Senior Member, Department of Biostatistics and Informatics

J Ross Mitchell, PhD, is the Artificial Intelligence Officer, and a Senior Member of the Research Staff at Moffitt Cancer Center. He moved from Mayo Clinic Arizona in 2019 to become Moffitt's inaugural Artificial Intelligence Officer. In this role he will lead efforts to develop digital tools that utilize artificial intelligence and other advanced technologies to improve the efficiency and quality of cancer care. Dr. Mitchell is also a senior member of Moffitt's Department of Biostatistics and Bioinformatics, and will collaborate with fellow research faculty to optimize projects utilizing artificial intelligence applications. He is one of four Principal Investigators of a \$3.6 million grant from the U.S. National Cancer Institute, designed to unravel the connections between medical imaging, genomics and disease progression in brain cancer. Dr. Mitchell has BS and MS degrees in Computer Science from the University of Regina, and a PhD in Medical Biophysics from the University of Western Ontario.

PANELISTS



Dave Heimbrook, PhD Board of Directors Leidos

Dr. Heimbrook is a consulting employee for Leidos. Previously, Dr. Heimbrook was Laboratory Director of Frederick National Laboratory for Cancer Research and President of Leidos Biomedical Research, Inc. until his retirement in December 2017. In that role, Dr. Heimbrook led a staff of approximately 2,000 professionals performing basic and applied research in cancer, AIDS, and infectious disease. Prior to joining Leidos, Dr. Heimbrook was the global head of Discovery Oncology at Roche, where he worked for eight years. Prior to joining Roche, Dr. Heimbrook was the head of Cancer Research at Merck, where he worked for 16 years. Dr. Heimbrook earned a PhD in Molecular Biophysics and Biochemistry from Yale University and a BS degree in Chemistry from Duke University.



Lena Kajland Wilén Director of Business Unit Digital Pathology ContextVision

Lena Kailand Wilén is Director of Business Development at ContextVision AB. ContextVision is a medical technology company specializing in image analysis, image enhancement and artificial intelligence. The first digital pathology product INIFY[™] Prostate Decision Support Tool is based on the latest breakthroughs in AI and deep learning. ContextVision's portfolio of Decision Support Tools is designed to help pathologists with diagnostic decisions based on analyses of digitized H&Estained image slides. Ms. Kailand Wilén has over 25 years of experience within international life science businesses, including Pharmacia Ophthalmics, Aerocrine AB, and MicroDose mammography within Philips Healthcare. She holds a Master in Chemical Engineering from the Royal Institute of Technology and a DIHM in Marketing Economics from Business School IHM.

CARE DELIVERY:



Morten Middelfart, PhD Founder and Chief Data Scientist Lumina Analytics

Dr. Morten Middelfart is co-founder and Chief Data Scientist of Lumina Analytics. Lumina is a Tampabased risk-intelligence firm that provides data aggregation and analytics services to corporate and government clients. Dr. Middelfart is a veteran of the Danish Army, where he served as an infantry officer specializing in urban warfare and special intelligence. He is also a founder of the Social Media analytics platform, Social Quant, and co-founder of the Cyber-Security company, Active Fortress. Dr. Middelfart founded Morton Systems in 1996 and served as CTO of TARGIT after the acquisition of Morton in 1997. He holds a MBA from Henley Management College and received his twin PhDs in Big Data Mining (Unsupervised Machine Learning/ Artificial Intelligence) from Rushmore University and Aalborg University.



Pete Slade Founder and Chief Technology Officer Kinetic Fuse

Pete Slade is the founder of and CTO at KineticFuse. KineticFuse applies unsupervised deep neural cybersecurity, revolutionizing networks to how organizations protect themselves with ThreatWarrior[™]. Powered by advanced AI and machine learning, ThreatWarrior[™] leverages KineticFuse's Cyber Immune Response™ technology and neural networks to learn human and device behavior to detect cyber threats. Formerly, CTO of BST Global, Mr. Slade was responsible for leadership of software engineering, research and development, quality assurance and technical writing. Earlier, Mr. Slade was Chief Architect at CallMiner, where he was responsible for the design of server software frameworks. Before CallMiner, Mr. Slade was Director of Technology at Globus and Cosmos.

SESSION SPONSORED BY



E-I-E IO! SOWING, GROWING, AND READ ONCOLOGY PRODUCTION

2:00 p.m. - 3:00 p.m. - Ferman Family Conference Room

MODERATOR



Marco Davila, MD, PhD Moffitt Cancer Center Director, Moffitt Cell Therapy Facility Associate Member, Blood & Marrow Transplant and Cellular Immunotherapy

Dr. Marco Davila is a medical oncologist specializing in cell therapies. Dr. Davila is an Associate Member in the Departments of Blood and Marrow Transplantation and Cellular Immunotherapy, as well as Immunology. He serves as the Medical Director of the Cell Therapy Facility overseeing cell manipulation and production for patient use, either investigative or as standard of care. Dr. Davila's clinical focus is on hematologic malignancies such as chronic lymphocytic leukemia, B cell Acute Lymphoblastic Leukemia (B-ALL), and Acute Myeloid Leukemia. As a translational physician-scientist, Dr. Davila is engaged in both clinical and laboratory research. His research has helped usher in a new field of medical oncology that uses Chimeric Antigen Receptor expressing T cell (CAR-T) therapy for B-ALL and DLBCL. He received his medical degree from Duke University and medical training at the New York Presbyterian Weill Cornell Medical Center and Memorial Sloan Kettering Cancer Center.

PANELISTS



Doug Calder President Vycellix

Mr. Calder is the President of Vycellix, Inc. which is developing immune-modulating small molecules to optimize the immune response against cancer. He is the former Director of Development & Strategic Planning at the Nova Southeastern University Cell Therapy Institute. Mr. Calder has nearly 25 years of life science executive experience, with an emphasis on investor relations, capital markets strategies and public/media relations, and has served in senior executive and officer roles in Viragen, Inc., Accentia Biopharmaceuticals, Inc., Biovest International, Inc., and the Vaccine & Gene Therapy Institute of Florida. Prior to that, Mr. Calder was a portfolio manager focusing on life science equities with Gruntal & Co. and Dean Witter Reynolds. Mr. Calder is a graduate of Florida State University.



Michael Koslowski, MD Chief Medical Officer GammaDelta Therapeutics

Dr. Koslowski is the Chief Medical Officer at GammaDelta Therapeutics leading translational and medical strategy for the company's allogeneic cell therapy platform. Prior to joining GammaDelta, he was Executive VP of Research & Development and Chief Medical Officer at Mission Therapeutics leading research and medical strategy for the company's portfolio of deubiquitinating enzyme inhibitors. Formerly, Dr. Koslowski was VP of Clinical Sciences & Early Development at Glenmark Pharmaceuticals. He was also Group Leader of New Targets & Antibody Development at Ganymed Pharmaceuticals, and a Principal Scientist in Experimental & Translational Oncology at the University of Mainz. Dr. Koslowski earned his MD from the University of Cologne and a habilitation degree in Molecular Medicine from the University of Mainz.

APING IMMUNE



Raymond Luke Principal Scientist AdaptImmune

Mr. Luke is a Principal Scientist in the Manufacturing Science and Technology group at Adaptimmune, LLC. He leads a team that transfers new technologies from development into production and optimizes the process to ensure that patients receive the safest and most efficacious therapy possible. Prior to joining Adaptimmune in October 2016, he was a Manufacturing Associate at WuXi AppTec, where he manufactured cell therapies in a cGMP environment. He has previously worked as a research assistant in several academic institutes, most recently the University of Pennsylvania. He holds a BA in Genetics from Rutgers University.



José Vidal, PhD Senior Vice President Quality Assurance & Process Science Atara

Dr. José Eduardo Vidal is the SVP, Head of Quality Assurance and Process Sciences at Atara Biotherapeutics. Prior to Atara, Dr. Vidal served as Vice President, Global Product and Process Development at Amgen where he oversaw 1,200 employees and managed a \$500 million budget across their global operations with a 50+ molecules portfolio. Dr. Vidal also held several senior roles at Pfizer/Wyeth, where he was responsible for leading Technical Services and Quality Operations across multiple sterile manufacturing plants, as well as at Biovail in local and global technology, manufacturing and quality operations. Dr. Vidal received his BS in science, master's degree in molecular endocrinology and biochemistry, and his PhD in biochemistry and cellular molecular biology, all from the University of Puerto Rico, Rio Piedras.

SESSION SPONSORED BY



COMMUNITY PARTNERS

BIOFLORIDA

FLORIDA MEDICAL MANUFACTURERS CONSORTIUM

FLORIDA VENTURE FORUM GREATER TAMPA CHAMBER OF COMMERCE

PERSONALIZED MEDICAL COALITION

PINELLAS COUNTY EDC

TAMPA BAY INNOVATION CENTER

GOVERNMENT PARTNER



COMING SOON 14TH ANNUAL CONFERENCE BUSINESS OF BIOTECH

Look for our email announcing the 2020 date and Keynote Speaker To sign up for updates, email: innovation@moffitt.org

OFFICE OF INNOVATION AND INDUSTRY ALLIANCES

Moffitt Cancer Center, a standalone institution located in Tampa, Florida, has a major research enterprise dedicated to the prevention and cure of cancer. Moffitt's interdisciplinary research teams and entrepreneurship culture creates a fertile ground for innovation.

For licensing and research collaboration opportunities call 813-745-6828 or email innovation@moffitt.org

THANKS TO OUR SPONSORS

































COMMERCIAL AV BRANDS OF LEGRAND









