



## A Day in Life at BMS

Welcome to *A Day in Life at BMS* where you will meet leaders from our R&D organization and learn more about research and development at Bristol-Myers Squibb, as well as network with our scientists. Today, our facilitator is David Gordon, Executive Director for Cardiovascular Drug Discovery.

*Note: Closed-toe shoes are required to participate in the lab tours.*

### Agenda – Thursday - May 3, 2018 – Location: E1.300, Lawrenceville Campus

TIME	SESSION	PRESENTER
9:00-9:30	<i>Morning Beverages</i>	<b>Outside E1.300</b>
9:30-9:35	<i>Welcome</i> (everyone seated in E1.300)	<b>David Gordon</b> Cardiovascular Drug Discovery
9:35-10:00	<i>Introduction</i>	<b>Chinweze Ahaghotu</b> Head of R&D Operations
10:00-10:30	<i>Translational Medicine Overview</i>	<b>Steven Nadler</b> Head of Translational Research
10:30-12:30	<i>Laboratory Tours</i>	<b>Bill Bullock</b> Discovery Strategy and Operations Lead
12:30-1:30	<i>Diversity Event Lunch</i>	<b>Expressions Restaurant at BMS</b> R&D Leadership Team members and R&D Diversity and Inclusion Council members
1:30-2:00	<i>Innovative Medicines Overview</i>	<b>Rose Christian</b> Development Lead - Fibrosis
2:00-2:30	<i>Asset Development Overview</i>	<b>Timothy Reilly</b> Head of Oncology Early Asset Development
2:30-3:00	<i>Discovery Overview</i>	<b>Percy Carter</b> Head of Discovery Chemistry & Molecular Technologies
3:00-3:30	<i>Break</i>	
3:30-5:00	<i>Networking Reception</i> - Brief Remarks - Reception & Networking	<b>David Gordon</b> <b>Expressions Restaurant at BMS</b> Leadership Team members and BMS molecular biology staff

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# Bristol-Myers Squibb

David Gordon, PhD  
Executive Director, Cardiovascular Drug Discovery,  
Discovery Biology Research & Development



David leads biology drug discovery research in cardiovascular diseases. His scientific expertise is in pathophysiology of cardiovascular diseases in general. His studies include formal doctoral and postdoctoral training in molecular and cellular biology of lipid metabolism. He has extensive knowledge of glucose metabolism, endocrinology and vision biology.

David earned a Doctoral Degree in Pharmacology and a Post-Doctoral Fellow from the State University of New York at Stony Brook.



# Bristol-Myers Squibb

**Chinweze Ahaghotu**  
**Head of R&D Operations**  
**R&D Strategy and Planning**



Chinweze (“Chin”) Ahaghotu has been with Bristol-Myers Squibb since 2007, and has held various positions in corporate strategy, commercialization, finance, and research and development (R&D). He joined the company in the Strategic Planning and Portfolio Evaluation department and played a key role in the long-term financial modeling that informed the initial String of Pearls strategy. Chin notably performed the valuation of the early immunotherapy pipeline, including nivolumab, for the 2009 Medarex acquisition.

Chin is currently the Head of R&D Operations, and reports to the Head of R&D Strategy and Planning (RDSP). He leads central planning and operational support for the office of the Chief Scientific Officer and the Science and Technology committee of the Board of Directors. Chin also heads up the Integrated R&D Business Operations team that provides support for prioritized business projects across R&D. He also oversees R&D business continuity planning and RDSP business operations planning efforts. In addition, Chin serves as the governance manager and is a member of the R&D Leadership Team.

Chin began his career as a discovery biophysicist at Merck investigating novel diabetes therapeutics, and has also worked in life sciences venture capital and business development. He earned his bachelor's degree in Biology from Harvard College and MBA from the Columbia Business School.



# Bristol-Myers Squibb

**William Bullock, PhD, MBA**  
**Group Director, Discovery Strategy**  
**& Operational Lead**



Bill is currently a member of the Research and Development Strategy and Planning team as Discovery Strategy and Operations Lead.

In 1992, Bill began his career as a medicinal chemist with Bayer Pharmaceutical. During his 15-year career with Bayer, Bill lived and worked in both West Haven, CT, and Wuppertal, Germany, contributing to and leading a variety of successful research programs. By 2002, Bill had risen to the position of Director, with responsibility for driving Bayer's diabetes drug discovery portfolio. In 2007, Bill joined BMS as a member of the Discovery Business Operations team. Notable innovations which Bill provided key leadership include a novel and highly successful in-source model for drug candidate purification; stewardship of the company's first branded open office deployment; transformation of the laboratory design paradigm to general and flexible spaces; and leveraging electronic notebooks for increased safety awareness. With all transformations, detailed change management programs were developed and executed to ensure each initiative yields its maximal impact. Individual projects have delivered up to \$5 million in annual savings and been recognized both internally and externally. This recognition included the 2012 Bio IT World Judges Prize, a feature in the company's annual report on Selective Integration, and a provision appointment to the National Academies of Sciences, Engineering and Medicine.

Bill completed his PhD at Emory University with Professor Albert Padwa and subsequently transitioned to conduct a post-doctoral fellowship with National Academy of Science member Professor Larry Overman at the University of California Irvine. Much more recently, Bill completed an MBA from New York University's Stern School of Business, with a concentration on Strategy and Corporate Finance.



Percy H. Carter, PhD  
Vice President, Discovery Chemistry  
& Molecular Technologies



Percy H. Carter, Ph.D., is the Head of Discovery Chemistry at Bristol-Myers Squibb.

In his 19 years at Bristol-Myers Squibb he has worked primarily in the immunosciences field. More recently, Percy has also been deeply involved in developing approaches to the "undruggable genome," specifically through millamolecules and also more generally by building BMS' capabilities in non-traditional modalities.

Percy obtained his A.B. in Chemistry from Dartmouth College and his Ph.D. in Chemistry from Harvard University. He also completed postdoctoral studies in molecular biology at Harvard Medical School and earned an MBA from the MIT Sloan School of Management.



**Bristol-Myers Squibb**

**Rose Christian, MD  
Development Lead – Fibrosis  
Innovative Medicines Development**



Rose Christian, MD, is the development team leader for Fibrotic Diseases in Innovative Medicines Development at Bristol-Myers Squibb. Prior to joining Bristol-Myers Squibb, Rose was an associate professor of medicine and endocrine fellowship director at the University of Wisconsin-Madison and University of Vermont medical schools. She completed fellowship training in endocrinology at the Mayo Clinic and the National Institutes of Health with a research focus in vascular calcification and metabolic bone diseases.



**Bristol-Myers Squibb**

**Steven G. Nadler, PhD**  
**Executive Director**  
**Head Translational Research**



Steve has been with BMS for 27 years. He joined the organization as a discovery scientist in Wallingford, CT, where he spent one year followed by five years in the Oncogen, Seattle, facility with the remainder of his tenure in Lawrenceville, NJ. Steve has held positions in the discovery organization of increasing responsibility over the years and is currently an Executive Director in the discovery immunoscience, oncology and immuno-oncology translational medicine organization where he heads translational efforts. Prior to this role, Steve was responsible for a large number of immunology drug discovery programs, and also was the early clinical development team leader for three years for all of the domain antibody assets.

During his tenure at BMS, Steve has worked in the area of transcriptional regulation of the immune response, nuclear hormone receptors, enzymes and costimulation. His efforts have led to six molecules entering clinical development. In addition, he has been responsible for all preclinical pharmacology efforts on Orencia for the past 10 years and has lectured at many national and international rheumatology meetings. Steve has authored approximately 80 publications spanning topics in biochemistry and immunology and is an inventor on 10 patents related to regulation of the immune response. Steve has a PhD in biochemistry from the University of Texas, Houston. Following his PhD, he performed postdoctoral studies in the department of molecular biophysics and biochemistry at the Yale School of Medicine at Yale University, CT.



**Bristol-Myers Squibb**

**Timothy Reilly, PhD, DABT**  
**VP & Head, Oncology Early Asset Development**  
**Early Asset Development Lead**  
**Research and Development / Oncology Development**



Tim Reilly is Vice President and Head of Oncology Early Asset Development, R&D at Bristol-Myers Squibb Company in Princeton, NJ. In that role, Tim is responsible for establishment of the overall vision, strategic and operational plans, and leadership of cross-functional teams overseeing all nonclinical, regulatory and clinical aspects of BMS' early oncology portfolio. He has a proven track record of 15 years in pharmaceutical R&D, including leadership for development teams for both small molecules and protein/biological therapeutics across a wide range of disease areas including Oncology, Immunoscience, Genetically-Defined and Metabolic Diseases. Most recently, Tim also was appointed to be the industry representative to the Network Steering Committee of the Early Cancer Medicines Centres (ECMC) established by Cancer Research UK. Prior to joining BMS, Tim was a research fellow at the National Institutes of Health in Bethesda, Maryland. He obtained his undergraduate degree from the University of Notre Dame, his doctoral training in Pharmaceutical Sciences from Wayne State University, and is a board-certified Diplomate of the American Board of Toxicology. Tim is also co-founder and Chief Scientific Office of a non-profit organization, Spinal Muscular Atrophy Research Team (SMART).





Networking Reception Biographies



# Bristol-Myers Squibb

Peter Gargalovic, PhD  
Cardiovascular Medical Scientist  
ELIQUIS VTE and ISR Lead, US Medical Affairs



Peter is a member of the ELIQUIS US Medical Affairs team and is responsible for Venous Thromboembolism indication and Investigator Sponsored/Initiated Trials with ELIQUIS in the United States. Peter has been with BMS for over 10 years, supporting multiple aspects of the BMS cardiovascular pipeline spanning drug discovery, clinical development and marketed products. Initially, Peter supported clinical biomarker work for cardiovascular assets in the early clinical evaluation space. Later on, Peter transitioned to Cardiovascular Drug Discovery, where he led a number of programs from the early exploratory phase all the way to clinical nomination in the areas of vascular disease and heart failure. Prior to his current role, Peter was a member of the HNO donor clinical development team, supporting business asset acquisition and entry into the ongoing Phase 2 clinical development for heart failure indication.

Peter holds a PhD degree from the University of North Texas, Health Science Center and completed his postdoctoral training at UCLA in the area of coronary disease and cardiovascular genetics.



# Bristol-Myers Squibb

Mireia Gomez-Angelats, PhD  
Global Lead Search & Evaluation (S&E)  
Business Development Immuno-Oncology



Mireia Gomez-Angelats obtained her PhD in Biochemistry at the Department of Biochemistry and Molecular Biology in 1991 in Barcelona, Spain. She conducted post-doctoral studies at the McArdle Laboratory for Cancer Research around genetic and cellular mechanisms of hepatocarcinogenesis. In 1998 she took a Research Fellow position at the NIH-NIEHS to study signaling mechanisms of Tumor Necrosis Factor Receptor (TNFR) superfamily. In 2002, she joined the pharmaceutical company, Almirall S.A., in Barcelona. As a Biology Leader in Almirall, she directed key basic and applied research to develop oral and inhaled therapies targeting airway diseases (asthma, COPD) with candidates that advanced to the clinic. In 2008 she took a position at Johnson & Johnson in San Diego, CA, as Principal Scientist in Immunology with focus in RA, IBD, Lupus and Respiratory diseases. She received a 2011 Janssen Innovation Award for her contributions to the Team.

Mireia joined the BMS Business Development group in Princeton, NJ, in July of 2012 to lead search and evaluation (S&E) of external innovation and opportunities for Immunosciences. Since early 2015 she has led S&E for genetic diseases and technology platforms to support disruptive approaches in severe diseases with a high unmet medical need. More recently she joined the S&E team Immuno-Oncology as a Global Lead for this therapeutic area. She brings more than 15 years of international pharmaceutical experience to the Team. Her understanding of end-to-end discovery and development processes across several therapeutic areas is a unique skill that enables the identification and sharp evaluation of external opportunities with potential to uniquely change disease treatment paradigms for patients.



# Bristol-Myers Squibb

Miguel A. Sanjuan, PhD  
Group Director, Immuno-Oncology Small Molecule  
Discovery Biology Research and Development



Dr. Miguel Sanjuan is a Group Director at the immune oncology department. Currently leading a team of world-class immunologists with a proven record of channeling innovative science into the discovery of novel medicines to treat cancer. Prior to joining BMS in 2017, Dr. Sanjuan worked at MedImmune for eight years, where he led efforts to discover novel medicines to treat autoimmunity. Before that, Dr. Sanjuan worked at St. Jude Children's Research Hospital as a staff scientist. During his time at St. Jude, he discovered a novel intracellular mechanism that linked for the first time the cellular self-digestion pathway, autophagy, with the elimination of extracellular pathogens.

Dr. Sanjuan received a bachelor's degree in biology from the University of Seville and a doctorate in molecular biology from the Autonomous University of Madrid. He then trained as a postdoc fellow at Johnson & Johnson. His cutting-edge research has collectively led to more than 15 peer-reviewed publications, including papers in *Nature*, *Immunity*, and the *Proceedings of National Academy of Sciences, USA (PNAS)*.



# Bristol-Myers Squibb

Dietmar Seiffert, PhD  
Clinical Lead Cardiovascular (Executive Director),  
Cardiovascular, Fibrosis, & Immunology



Dietmar received his MD from the University of Muenster, Germany, and a degree in medical physiology from the University of Vienna, Austria. His basic science career included a postdoctoral research fellowship and assistant professorship at the Scripps Research Institute, La Jolla, CA.

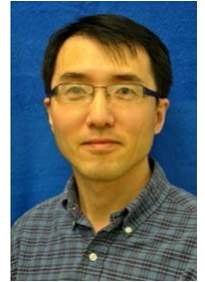
His industrial career of the last 20 years included both preclinical and clinical roles at DuPont, Merck and BMS. Dietmar has more than 25 years of experience in cardiovascular research and development. He has contributed to two marketed cardiovascular drugs and several drug candidates for development. He also authored more than 100 peer reviewed manuscripts.

Currently, Dietmar is responsible for the definition of the clinical plan and for the design and implementation of clinical studies in thrombosis and heart failure.

He also ensures integration of Translational cardiovascular R&D activities across development.



**Bristol-Myers Squibb**



**Ke Xu, PhD**

**Principal Scientist, Translational Bioinformatics,  
Translational Medicine**

Ke received his PhD from Fudan University in Shanghai, China. He then came to the United States and studied transcription factors for his postdoc training at the Scripps Research Institute in San Diego, CA. At the dawn of the human genome age in the mid-1990s, he decided to move to the new research field of bioinformatics. After a combination of classroom learning, on-the-job training, and a brief stay at the biotech company Neurocrine Biosciences, he joined Pfizer and started his industrial research career. As part of the preparation for the switch, he also studied and received an MS degree in computer science from Rensselaer Polytechnic Institute.

Ke joined BMS in 2006, and has been working in the Bioinformatics group, now part of the Translational Medicine Division. He is using his programming and data analysis skills to support discovery and development programs in tasks such as data integration and mining for new target identification, and genomic profiling data analysis for the understanding of mechanism of action.

He also is interested in research on machine learning technologies in genomics and is an author of a recent book on Bioinformatics and Computational Biology in Drug Discovery and Development.

### **People who led tours of labs**

Javed Khan – Principal Scientist, Crystallography

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### **Additional person at networking reception**

Myrtle Davis, Executive Director, Discovery Toxicology, Pharmaceutical Candidate Optimization Department.

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