



# DRUG DISCOVERY

FEBRUARY 27, 2019

Date	Time	Track	Presentation Title	Speaker
27-Feb	06:00 - 07:00 AM	Effective Tools for Drug Development	Biomarkers of Aging	Alex Zhavoronkov, PhD Founder and CEO, Insilico Medicine, Inc.
27-Feb	06:00 - 07:00 AM	Effective Tools for Drug Development	Discovering Cellular Mechanisms and Biomarkers in Anti-PD1 Non-Responders Using Ingenuity Pathway Analysis Software and OmicSoft OncoLand Datasets from QIAGEN	Devendra Mistry, PhD Senior Field Application Scientist, QIAGEN Advanced Genomics
27-Feb	06:00 - 07:00 AM	Effective Tools for Drug Development	Keynote Presentation: Reimagining Drug Discovery and Development Journey Through AI	Szczepan Baran, VMD, MS Head of Emerging Technologies, LAS, Novartis
27-Feb	06:00 - 07:00 AM	Effective Tools for Drug Development	The Missing Link to Improving Efficiency and Productivity in the Digital Lab	Jay Campbell Chief Commercial Officer, Somark Innovations
27-Feb	07:30 - 08:30 AM	Novel Strategies for Drug Discovery	Keynote Presentation: Second Harmonic Generation Detection of Ras Conformational Changes and Discovery of a Novel Small-Molecule Binder	Frank McCormick, PhD Professor of the UCSF Helen Diller Family Comprehensive Cancer Center
27-Feb	09:00 - 10:00 AM	Innovative Approaches in Clinical Trials	Keynote Presentation: Fully Automated IHC Multiplexing: Techniques and Assay Development	Mark Hellewell, PhD DISCOVERY Reagent & Training Lead, Companion Diagnostics (CDx) & DISCOVERY, Roche Tissue Diagnostics
27-Feb	10:30 - 11:30 AM	Innovative Approaches in Clinical Trials	Developing Precision Combination Therapies to Overcome Evolution of Therapeutic Resistance	Khyati Shah, PhD Post Doctoral Research Scholar at University of California, San Francisco

27-Feb	10:30 - 11:30 AM	Novel Strategies for Drug Discovery	In Vivo Surgical Models for Drug Discovery: Hidden Pitfalls and Their Avoidance	Matthew Flegal, BS, SRS Associate Director, Charles River Laboratories
27-Feb	10:30 - 11:30 AM	Novel Strategies for Drug Discovery	Synthetic Antibodies - The Emerging Field of "Aptamers" in Diagnostics and Drug Discovery	G. Thomas Caltagirone, PhD President & CEO, Aptagen, LLC
27-Feb	10:30 - 11:30 AM	Effective Tools for Drug Development	The Current State-of-the-Art Tissue Expression Analysis Platform for Detection & Quantification of Target & Biomarker mRNAs, Splice Variants and Mutations in Preclinical & Clinical Tissues	Christopher Bunker, PhD Vice President of Business Development, Advanced Cell Diagnostics
27-Feb	12:00 - 01:00 PM	Effective Tools for Drug Development	Evaluating Biomarkers for Response to Neoadjuvant Immune Checkpoint Blockade in Melanoma	Sarah Warren, PhD Senior Director of Advanced Applications, NanoString Technologies
27-Feb	12:00 - 01:00 PM	Novel Strategies for Drug Discovery	Nanostructured Molecularly Imprinted Polymers: Robust, Stable and Selective Alternatives to Antibodies	Adrian Kinkaid CEO, MIP Diagnostics
27-Feb	12:00 - 01:00 PM	Innovative Approaches in Clinical Trials	Studies on Malignancies With a Novel Proliferation Biomarker	Martin Shaw Business Development, AroCell AB
27-Feb	12:00 - 01:00 PM	Novel Strategies for Drug Discovery	Why Pain Control Is Good Science-The Scientific Rationale	Marcel Perret-Gentil, DVM, MS University Veterinarian & Director, Laboratory Animal Resources Center, University of Texas at San Antonio
27-Feb	01:30 - 02:30 PM	Effective Tools for Drug Development	Advanced Liver Tissue Model for Improved in Vitro Prediction	Matthew K. Shipton, MS Chief Operating Officer, HµREL Corporation
27-Feb	01:30 - 02:30 PM	Effective Tools for Drug Development	Advances in Three-Dimensional Cell Culture in Drug Research and Discovery	Richard Eglen, PhD Vice President and General Manager, Corning Life Sciences
27-Feb	01:30 - 02:30 PM	Innovative Approaches in Clinical Trials	Application of Pharmacogenomics During Clinical Trials	Annette Gilchrist, PhD Associate-Professor, Pharmaceutical Sciences, Midwestern University

27-Feb	01:30 - 02:30 PM	Novel Strategies for Drug Discovery	Aptamers in Drug Development: From Biomarker Discovery to Targeted Drug Delivery to Small Molecule Drug Detection	Bill Jackson, PhD Founder and Chief Scientist, Base Pair Biotechnologies
27-Feb	01:30 - 02:30 PM	Effective Tools for Drug Development	Comprehensive NTRK Fusion Detection, Agnostic of the Fusion Partner, for Optimal Identification of Rare Genomic Events Using TruSight™ Oncology 500	Phillip Febbo, MD Chief Medical Officer, Illumina, Inc. Maude Champagne Clinical Oncology Marketing, Illumina, Inc.
27-Feb	03:00 - 04:00 PM	Effective Tools for Drug Development	Automation Meets Cell Separation: Primary Cells for Drug Discovery Assays	Lotta Raty Global Product Manager Cell Separation, Miltenyi Biotec
27-Feb	03:00 - 04:00 PM	Innovative Approaches in Clinical Trials	BASKET Trials: Biomarker Driven Drug Development	Shivaani Kummar, MD, FACP Professor of Medicine (Oncology) and of Radiology (Molecular Imaging Program at Stanford), Director Phase I Clinical Research, Director, Translational Oncology Program, Stanford University
27-Feb	03:00 - 04:00 PM	Effective Tools for Drug Development	Do You Have the Gut-on-a-Chip?	Elena Naumovska, PhD Scientist of Application Development, Mimetas - The Organ on a Chip Company
27-Feb	03:00 - 04:00 PM	Novel Strategies for Drug Discovery	Targeted Cancer Chemotherapy: Developing NextGen Antibody-Drug Conjugates	Jagath Reddy Junutula, PhD Senior Vice President, Research & Development, ModMab Therapeutics, Inc.