



# Precision Medicine

2019 JUNE 20

Date	Time	Track	Presentation Title	Speaker
20-Jun	06:00 - 07:00 AM	History and Future of the Next Generation DNA Sequencing Revolution	Connecting Genetic and Transcriptional Variation in Acute Myeloid Leukemia at Single-Cell Resolution	Stephen Williams, PhD Senior Scientist, Computational Biology, 10X Genomics
20-Jun	06:00 - 07:00 AM	History and Future of the Next Generation DNA Sequencing Revolution	Precise DNA Sequencing: A Necessity for Precision Medicine	Jonas Korlach, PhD Chief Scientific Officer, Pacific Biosciences
20-Jun	06:00 - 07:00 AM	History and Future of the Next Generation DNA Sequencing Revolution	See Further: Expanded Carrier Screening Tools That Take You From Sample to Insight	Raed Samara, PhD Senior Global Product Manager, QIAGEN Rupert Yip, PhD Director, GPM Genetic Disease Informatics
20-Jun	07:30 - 08:30 AM	Systems Pharmacology in Designing Precision Therapeutics	Keynote Presentation: The Impact of Patient-to-Patient Variability on Combination Cancer Therapy and Precision Oncology	Adam Palmer, PhD Systems Biologist, Laboratory of Systems Pharmacology, Harvard Medical School
20-Jun	09:00 - 10:00 AM	Drug Development in the Era of Precision Medicine	Keynote Presentation: Transforming Drug Discovery with Precision Medicine	Khyati Shah, PhD Post Doctoral Research Scholar at University of California, San Francisco
20-Jun	09:00 - 10:00 AM	The Precision Medicine Initiative - NIH	Precision Medicine & Health in Action: Practicing an N-of-1 Approach in the Clinic	Florence Comite, MD CEO & Founder, Comite Center for Precision Medicine
20-Jun	10:30 - 11:30 AM	Systems Pharmacology in Designing Precision Therapeutics	Beyond the Score: Tools for Pan-Biomarker Analysis and TMB Estimation Enabling Deeper Understanding of Somatic Alterations that Contribute to Cancer Initiation, Progression and Recurrence	Beate Litzenburger, PhD Global Product Director of Oncology, QIAGEN Digital Insights Raed Samara, PhD Senior Global Product Manager, QIAGEN

20-Jun	10:30 - 11:30 AM	Systems Pharmacology in Designing Precision Therapeutics	Outlier Kinases as Targets for Precision Therapy	Vishal Kothari, PhD Research Assistant Professor of Urology, Northwestern University, Feinberg School of Medicine
20-Jun	10:30 - 11:30 AM	History and Future of the Next Generation DNA Sequencing Revolution	The Massively Parallel Sequencing (MPS) Revolution	David Smith, PhD Professor and Consultant, Department of Laboratory Medicine and Pathology, Mayo Clinic
20-Jun	12:00 - 01:00 PM	The Precision Medicine Initiative - NIH	Antiplatelet Agents for Secondary Stroke Prevention - Can We Be More Precise?	Karen Albright, DO, PhD, MPH Associate Professor of Neurology, SUNY Upstate Medical University
20-Jun	12:00 - 01:00 PM	History and Future of the Next Generation DNA Sequencing Revolution	NGS Target Enrichment Solutions to Drive Discovery in Precision Medicine Research	Duane C. Hassane, PhD Assistant Professor of Computational Biomedicine in Medicine, Weill Cornell Medical College Guannan Wang, PhD Senior Research Investigator, University of Pennsylvania
20-Jun	12:00 - 01:00 PM	History and Future of the Next Generation DNA Sequencing Revolution	Tissue and cfDNA Rare Alleles: How Low Can We Go?	Seth Crosby, MD Director Scientific Collaboration , Department of Genetics, Washington University School of Medicine
20-Jun	01:30 - 02:30 PM	History and Future of the Next Generation DNA Sequencing Revolution	Introducing the theascreen FGFR RGQ RT-PCR Kit and Day-One Readiness at Insight Molecular Labs	David Hout, PhD Chief Operating Officer, Insight Genetics Benjamin Chaffey, PhD Global Product Manager, Oncology & Precision Diagnostics, QIAGEN
20-Jun	01:30 - 02:30 PM	The Precision Medicine Initiative - NIH	Rapid Variant Modeling in a Hospital Setting	Matthew Bainbridge, PhD Associate Director of Clinical Genomics Research, Rady Children's Institute for Genomic Medicine
20-Jun	01:30 - 02:30 PM	Systems Pharmacology in Designing Precision Therapeutics	Single Cell CNV End-to-End Workflow to Dissect Tumor Heterogeneity	Lee Gibbs, PhD Postdoctoral Research Associate, Department of Translational Genomics, Keck School of Medicine, University of Southern California