



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, Ph.D. Global Product Director of Oncology, QIAGEN Digital Insights Raed Samara, PhD Senior Global Product Manager, QIAGEN |

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| 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 |