



| Date | Time | Track | Presentation Title | Speaker |
|--------|------------------|---|---|---|
| 22-Feb | 06:00 - 07:00 AM | Clinical Implementations of Precision Medicine | GenomeFIRST™ A new paradigm for the return of genomic results | Marc Williams, MD Director, Genomic Medicine Institute Geisinger Health System |
| 22-Feb | 06:00 - 07:00 AM | How Advancements are Shaping Precision Medicine | Mate-pair next generation sequencing as a powerful clinical tool for the characterization of cancer | David Smith, PhD Professor and Consultant, Department of Laboratory Medicine and Pathology, Mayo Clinic |
| 22-Feb | 07:30 - 08:30 AM | Precision Medicine Initiative | KEYNOTE: Where innovation and regulation meet | Laura Koontz, PhD Personalized Medicine Staff at the Food and Drug Administration in the Center for Devices and Radiological Health |
| 22-Feb | 07:30 - 08:30 AM | Precision Medicine Initiative | Title Coming Soon | Adam Berger, PhD Personalized Medicine Staff Office of In Vitro Diagnostics and Radiological Health Center for Devices and Radiological Health U.S. Food and Drug Administration |
| 22-Feb | 09:00 - 10:00 AM | How Advancements are Shaping Precision Medicine | The Microbiome-Gut-Brain Axis: Linking Gastrointestinal and Neurobehavioral Processes in Autism Spectrum Disorder | Ruth Ann Luna, PhD, MB (ASCP) CM Director, Medical Metagenomics Texas Children's Microbiome Center Texas Children's Hospital Assistant Professor Baylor College of Medicine |
| 22-Feb | 10:30 - 11:30 AM | Precision Medicine for Drug Development | Beyond the hype: the evidence behind the role of genetics in drug response | Matt Nelson, PhD Head, Genetics at GlaxoSmithKline |
| 22-Feb | 10:30 - 11:30 AM | Precision Medicine Issues and Challenges | NGS live in your lab in 30 days | Salim Essakali Associate Director, NGS Yi Kong, Ph.D. Product Director, QIAGEN |

| | | | | |
|--------|------------------|---|---|--|
| 22-Feb | 12:00 - 01:00 PM | How Advancements are Shaping Precision Medicine | From Bits to Bedside: Translating Big Data into Precision Medicine and Digital Health | Dexter Hadley, MD, PhD Assistant Professor of Pediatrics Institute for Computational Health Sciences University of California, San Francisco |
| 22-Feb | 12:00 - 01:00 PM | Precision Medicine Issues and Challenges | Measurement Assurance for Tissue Engineering & Regenerative Medicine | Carl Simon, PhD Biologist, Biosystems & Biomaterials Division |
| 22-Feb | 01:30 - 02:30 PM | How Advancements are Shaping Precision Medicine | Integrating genomics platforms and data in Biobanks | Sami Amr, PhD Director of the Translational Genomics Core of Partners HealthCare Personalized Medicine, Harvard Medical School |
| 23-Feb | 06:00 - 07:00 AM | Precision Medicine Issues and Challenges | Obtaining Samples for Precision Medicine Studies: An Outsider's Perspective | Matt Klusas Chief Commercial Officer, Omiseq |
| 23-Feb | 06:00 - 07:00 AM | How Advancements are Shaping Precision Medicine | Validation and Commercialization of Liquid Biopsy in a CLIA Lab | Michael Nall President and CEO at Biocept |
| 23-Feb | 07:30 - 08:30 AM | Clinical Implementations of Precision Medicine | KEYNOTE: Towards a new era of precision medicine in psychiatry: Using genetic algorithms to optimize medication outcome | Daniel Mueller, PhD Head of the Pharmacogenetics Research Clinic at the Campbell Family Mental Health Research Institute at CAMH, and Associate Professor in the Department of Psychiatry at the University of Toro |
| 23-Feb | 09:00 - 10:00 AM | How Advancements are Shaping Precision Medicine | Metabolomics and its Role in Precision Medicine | John Ryals, PhD President and Chief Executive Officer, Metabolon |
| 23-Feb | 10:30 - 11:30 AM | Clinical Implementations of Precision Medicine | Clinical Whole Genome Sequencing In a Healthy Population | Erica Ramos, MS, CGC Clinical Head, Healthy Genome Initiatives, Staff Genetic Counselor, Applied Genomics |
| 23-Feb | 10:30 - 11:30 AM | Precision Medicine Issues and Challenges | Title Coming Soon | Adam C. Resnick PhD Director of the Center for Data Driven Discovery in Biomedicine (D3b) Director for Neurosurgical Translational Research, Division of Neurosurgery Director of Children's Brain Tumor Tissue Con |
| 23-Feb | 12:00 - 01:00 PM | Clinical Implementations of Precision Medicine | Novel Precision medicines that exploit Proximity | James Prudent, PhD President and Chief Executive Officer Centrose |

| | | | | |
|--------|---------------------------|--|---|--|
| 23-Feb | 12:00 - 01:00 PM | Precision Medicine Issues and Challenges | Rapid Learning for Precision Oncology | Marty Tenenbaum, PhD Founder and Chairman at Cancer Commons |
| 23-Feb | 12:00 - 01:00 PM | How Advancements are Shaping Precision Medicine | Recent progress in cellular medicine with an eye to precision medicine | Giacinto Scoles, PhD Donner Professor of Science and Professor of Chemistry, Emeritus |
| 23-Feb | 01:30 - 02:30 PM | How Advancements are Shaping Precision Medicine | Mining Dense, Dynamic Personal Data Clouds to Enhance Health | Nathan Price, PhD Professor and Associate Director, Institute for Systems Biology |