<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Track</th>
<th>Presentation Title</th>
<th>Speaker</th>
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| 20-Jun | 6:00-7:00 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 | 6:00-7:00 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 | 6:00-7:00 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, QIAGEN                                               |
| 20-Jun | 7:30-8:30 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 | 9:00-10:00 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 | 9:00-10:00 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  
Product Owner of QIAGEN Clinical Insight  
(QCIâ“¢) Intepret  
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 | 12:00-1:00 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                                  |
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<tr>
<td>20-Jun</td>
<td>12:00-1:00 PM</td>
<td>History and Future of the Next Generation DNA Sequencing Revolution</td>
<td>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</td>
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<tr>
<td>20-Jun</td>
<td>12:00-1:00 PM</td>
<td>History and Future of the Next Generation DNA Sequencing Revolution</td>
<td>Tissue and cfDNA Rare Alleles: How Low Can We Go? Seth Crosby, MD Director Scientific Collaboration, Department of Genetics, Washington University School of Medicine</td>
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<td>20-Jun</td>
<td>1:30-2:30 PM</td>
<td>History and Future of the Next Generation DNA Sequencing Revolution</td>
<td>Introducing the therascreen 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 &amp; Precision Diagnostics, QIAGEN</td>
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<td>20-Jun</td>
<td>1:30-2:30 PM</td>
<td>The Precision Medicine Initiative - NIH</td>
<td>Rapid Variant Modeling in a Hospital Setting Matthew Bainbridge, PhD Associate Director of Clinical Genomics Research, Rady Children's Institute for Genomic Medicine</td>
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<td>20-Jun</td>
<td>1:30-2:30 PM</td>
<td>Systems Pharmacology in Designing Precision Therapeutics</td>
<td>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</td>
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