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| 12-Apr | 6:00-7:00 AM        | Microbiome Standards related to Diagnostics | Standards for Microbiome and Metagenomics: Supporting the Commercial Translation of Microbiome Science | Jason Kralj, PhD  
Leader of the Metagenomic Pathogen Detection Program, National Institute of Standards and Technology |
| 12-Apr | 7:30-8:30 AM        | Diseases and Disorders | Keynote Presentation - Variant interpretation in Molecular Diagnostics: Challenges and Knowledge Gaps | Robert L. Nussbaum MD, FACP, FACMG  
Chief Medical Officer, Invitae |
| 12-Apr | 9:00-10:00 AM       | Oncology             | Keynote Presentation - Assessing Risk in Cervical Cancer Screening Management: The Role of HPV Genotyping | Catherine Behrens, MD, PhD, FACOG  
Consultant Senior Director, Clinical Research |
| 12-Apr | 10:30-11:30 AM      | Oncology             | Prediction of enzalutamide sensitivity in triple negative breast cancer             | Joel Parker, PhD  
Director, Bioinformatics, Associate Professor, University of North Carolina, Chapel Hill |
| 12-Apr | 12:00-1:00 PM       | Regulatory Landscape | PAMA: The First Reporting Period is Over. What Does This Legislation Mean for Laboratorie | Roger D. Klein MD, JD, FCAP  
Principal at Roger D. Klein, MD JD Consulting and Klein & Klein Co., L.P.A. Faculty Fellow at the Arizona State University Sandra Day O'Connor College of Law's Center for Law, Science & |
| 12-Apr | 1:30-2:30 PM        | Microbiome Standards related to Diagnostics | Perspectives for Whole Cell Microbial Reference Materials | J. Russ Carmical, PhD  
Sequencing Director/Director of Operations, Alkek Center for Metagenomics and Metcobiome Research (CMMR) at Baylor College of Medicine and Director of Operation of Diversigen |
| 13-Apr | 6:00-7:00 AM        | Oncology             | The Pandora's box of molecular diagnostics: Genomic analysis of uterine lavage fluid detects early endometrial cancers | John A. Martignetti, MD, PhD  
Icahn School of Medicine at Mount Sinai Departments of Genetics and Genomic Sciences, Pediatrics, Obstetrics/Gynecology & Reproductive Sciences and Oncological Sciences |
| 13-Apr | 7:30-8:30 AM        | Pursue Microbiome Testing as a Companion Diagnostic | The Essential Role of the Molecular Identification of Microorganisms in the Management of Chronic Infections | Randall D. Wolcott, MD  
Medical Director, Southwest Regional Wound Care Center |
| 13-Apr | 9:00-10:00 AM       | Microbiome Standards related to Diagnostics | Keynote Presentation - DNA Standards and Bioinformatics Benchmarks for Metagenomics | Christopher Mason, PhD  
Associate Professor, Department of Physiology and Biophysics, WorldQuant (WQ) Scholar, Director, WQ Init. for Quantitative Prediction, Weill Cornell Medicine |
| 13-Apr | 10:30-11:30 AM      | Oncology             | Why Variants Matter: NGS Bioinformatics Simplified for Oncology & Virology          | Condie Carmack, PhD  
Vice President of Precision Oncology, Vela Dx  
Ahmed Mahmoud, PhD  
Director of Scientific Support for Vela Diagnostics, Bioinformatics Applications scientist |
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| 13-Apr | 12:00-1:00 PM | Diseases and Disorders | Lyme Disease, Molecular Diagnostics, and Detection of New Causative Agents | Bobbi Pritt, MD  
Pathologist, Laboratory Medicine and Pathology, Mayo Clinic |
| 13-Apr | 1:30-2:30 PM | Diseases and Disorders | Ultra-sensitive single-molecule array (Simoa) technology to revolutionize CNS biomarkers | Andreas Jeromin, PhD  
Chief Medical Officer (consulting), Quanterix Corp |