



| Date   | Time             | Track   | Presentation Title   | Speaker  |
|--------|------------------|---|--|--|
| 15-May | 06:00 - 07:00 AM | NGS Based Genetic Testing                       | Keynote Presentation: History and Future of Tier 1 Genomic Population Screening with Live Q&A          | Robert C. Green, MD, MPH<br>Professor of Medicine, Harvard Medical School and Mass General Brigham; Co-Founder, Nurture Genomics |
| 15-May | 06:30 - 07:30 AM | Infectious Disease Diagnostics and Surveillance | Navigating Norovirus - From Seasonal Surges to Swift Diagnosis! With Live Q&A                          | Océane Sorel, DVM, PhD<br>Manager, Scientific Publications at Thermo Fisher Scientific   |
| 15-May | 07:30 - 08:30 AM |   | Keynote Presentation: Closing the gap: Solving Complex Medically Relevant Genes at Scale with Live Q&A | Medhat Mahmoud, PhD<br>Postdoctoral Associate  |
| 15-May | 09:00 - 10:00 AM | NGS Based Genetic Testing                       | Keynote Presentation: Enabling Precision Health At Scale For All                                       | Carlos D. Bustamante, PhD<br>Founder and CEO, Galatea Bio, Inc.  |
| 15-May | 10:00 - 11:00 AM |   | Poster Discussion  | Chat Live with Poster Authors!   |
| 15-May | 10:30 - 11:30 AM | Emerging Technologies and Novel Implementations | Nucleic Acid Agarose Gel Electrophoresis: Techniques, Innovations, and Common Errors                   | Dr. Paulius Paliama, PhD<br>Product Manager  |

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| 15-May | 10:30 - 11:30 AM |   | Panel Presentation: Mitigating Variability in Somatic Variant Interpretation with Live Q&A  | Sheryl Elkin, PhD<br>Chief Scientific Officer, QIAGEN Digital Insights<br>Jenni Fairley, PhD<br>Deputy Scheme Director, Molecular Pathology, GenQA<br>Kathryn Bungartz, PhD<br>Professional Clinical Solutions Manager, QIAGEN Digital Insights<br>Richard White, PhD<br>Physician-Scientist, MSKCC, University of Oxford<br>Jim Hayes, PhD<br>Human Geneticist |
| 15-May | 12:00 - 01:00 PM | Advances and Applications in Liquid Biopsy      | Gaining Multi-Dimensional Insights into Cancer Heterogeneity: Co-Analysis of CTCs and ctDNA Derived from a Single Liquid Biopsy Sample                  | Yoon-Tae Kang, PhD<br>Staff Scientist, Marketing Applications, Digital Biology Group, Bio-Rad Laboratories<br>Abiodun Bodunrin, PhD<br>Application Scientist, Marketing Applications, Digital Biology Group, Bio-Rad Laboratories   |
| 15-May | 12:00 - 01:00 PM | Infectious Disease Diagnostics and Surveillance | Knowledge is Power: Unveiling Women's Vaginal and Sexual Health Insights with Live Q&A  | Olivia Van Gerwen, MD, MPH<br>Assistant Professor, Infectious Diseases Division, UAB  |
| 15-May | 01:00 - 02:00 PM | Emerging Technologies and Novel Implementations | Advancing Oligo Therapeutics Drug Development   | Gary Held<br>Staff Scientist, Analytical Development, Nucleic Acid Therapeutics, Thermo Fisher Scientific   |
| 15-May | 01:00 - 02:00 PM | Infectious Disease Diagnostics and Surveillance | GenScript's Response to the SARS-CoV-2 Pandemic: Innovations in Diagnostic Solutions with Live Q&A  | Amanda Grimm, PSM<br>Senior Segment Marketing Manager- Antibody Drug Discovery, GenScript USA Inc.  |
| 15-May | 02:00 - 03:00 PM | Emerging Technologies and Novel Implementations | Key Financial Viability Considerations for Laboratorians Considering Bringing Clinical Pharmacogenomics (PGx) Testing into the Laboratory with Live Q&A | Becky Winslow, BS, PharmD<br>Founder, inGENEious Rx   |

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| 15-May | 03:00 - 04:00 PM | Infectious Disease Diagnostics and Surveillance | Panel Presentation: Update on Emerging HIV Drug Resistance to Integrase Inhibitors - How Concerned Should We Be? With Live Q&A | Obiageli Okafor, MD, DrPH, MPH, Moderator<br>Senior Manager, Product Applications, Thermo Fisher Scientific<br>Francois Venter, MD, FCP, PhD<br>Executive Director of Ezintsha, University of Witwatersrand, South Africa<br>Leonard Kingwara, MPH, PhD<br>Head, National Genomics and Molecular Surveillance Laboratory, National Public Health Institute, Kenya<br>Bilaal Wilson Matola, MD, MPH<br>HIV Care and Treatment Program Officer, Department of HIV/AIDS, Ministry of Health, Malawi |
| 15-May | On Demand        |   | Bridging Women's Health and Genomics in EHR Biobanks: Precision Medicine in Women's Health                                     | Shefali Setia Verma, PhD<br>Assistant Professor, University of Pennsylvania  |
| 15-May | On Demand        | Emerging Technologies and Novel Implementations | Combined Clinical Use of "OMICS"   | Peter Lajos Nagy, MD, PhD<br>Chief Medical Officer, Laboratory Director, Praxis Genomics   |
| 15-May | On Demand        | NGS Based Genetic Testing                       | Comprehensive Genomics Analysis at Scale   | Sairam Behera, PhD<br>Research Fellow, Human Genome Sequencing Center, Baylor College of Medicine  |
| 15-May | On Demand        | AI in Medicine                                  | Computational Reasoning for the N-of-1 Use of Molecularly Targeted Cancer Therapies  | Istvan Petak, MD, PhD<br>Physician-scientist, Founder and CEO, Genomate Health, Adjunct Professor at the University of Illinois at Chicago (UIC)   |
| 15-May | On Demand        | Emerging Technologies and Novel Implementations | Fantastic World of Tandem Repeats and How to Characterize Them   | Fritz Sedlazeck, PhD<br>Associate Professor, Baylor College of Medicine and Rice University  |
| 15-May | On Demand        | Multi-Omics Methods and Applications            | Using Metatranscriptomics Based Microbial Functional Pathways in Oral Microbiome to Decipher Human Health                      | Lan Hu, PhD<br>Head of Data Science & Bioinformatics, Viome Life Sciences  |