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<th>Date</th>
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<td>10-Apr</td>
<td>06:00 - 07:00 AM</td>
<td>Best Practices in Establishing Value in Laboratory Testing</td>
<td>Bio-Rad Unity as a Solution for Molecular Quality Control Data Management</td>
<td>Duane W. Newton, PhD, D(ABMM), FIDSA Director, Clinical Microbiology Laboratory, Associate Director, Division of Clinical Pathology, Professor of Pathology, University of Michigan</td>
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| 10-Apr | 06:00 - 07:00 AM | Disruptive Molecular Technologies          | Keynote Presentation: Nucleic Acid Detection with CRISPR Diagnostics                                                               | Omar Abudayyeh, PhD MIT McGovern Institute Fellow  
Jonathan Gootenberg, PhD MIT McGovern Institute Fellow, Massachusetts Institute of Technology                                      |
| 10-Apr | 07:30 - 08:30 AM | Best Practices in Establishing Value in Laboratory Testing | Keynote Presentation: Clinical Lab 2.0 - How Laboratories Can Thrive in a Value Based Care System                                  | Michael Crossey, MD, PhD Chief Executive Officer and Chief Medical Officer, TriCore Reference Laboratories                               |
| 10-Apr | 09:00 - 10:00 AM | Disruptive Molecular Technologies          | CRISPR Proteins: Enabling the Next-Generation of Molecular Diagnostics                                                             | James Broughton  
Senior Scientist, Mammoth Biosciences                                                                                            |
| 10-Apr | 09:00 - 10:00 AM | Disruptive Molecular Technologies          | Novel Applications of Molecular Diagnostics in Infectious Diseases                                                                  | Esther Babady, PhD Director of Clinical Operations, Microbiology Service, Associate Attending Microbiologist, Departments of Medicine and Laboratory Medicine, Memorial Sloan Kettering Cancer Center |
| 10-Apr | 09:00 - 10:00 AM | Best Practices in Establishing Value in Laboratory Testing | Validation and Implementation of Quantitative Molecular Assays                                                                    | Morgan A. Pence, PhD, D(ABMM) Director, Clinical and Molecular Microbiology, Cook Children's Medical Center                             |
| 10-Apr | 10:30 - 11:30 AM | Disruptive Molecular Technologies          | A Sample to Insight Solution for Detection and Classification of Challenging Pathogenic BRCA Mutations                               | Anika Joecker, PhD Associate Director Global Product Management NGS, QIAGEN  
Jennifer Poitras, PhD Principal Genome Scientist, Bioinformatics - Genetic Disease , QIAGEN                                          |
| 10-Apr | 10:30 - 11:30 AM | Digital Diagnostics and Artificial Intelligence | Better Knowledge, Better Care: Precision Medicine for Any Cancer, Any Assay, on Your Platform                                     | Sheryl Elkin, PhD Chief Scientific Officer, N-of-One, A QIAGEN Company  
Dan Richards, PhD Vice President, Biomedical Informatics, QIAGEN                                                                    |
<p>| 10-Apr | 10:30 - 11:30 AM | Disruptive Molecular Technologies          | CRISPR-Chip: Detection of Unamplified Target Genes via CRISPR/Cas9 Immobilized on a Graphene Biosensors                          | Kiana Aran, PhD Co-Founder, Nanosens, Assistant Professor of Biomedical Sciences at Keck Graduate Institute, Visiting Assistant Professor at UC Berkeley |</p>
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| 10-Apr | 12:00 - 01:00 PM | Best Practices in Establishing Value in Laboratory Testing | Best Practices for Implementing NGS and Positioning for Future Growth: Perspectives from 2 Labs | Tony Magliocco, MD  
Executive Director of the Advanced Diagnostic Laboratories, Moffitt Cancer Center  
Keith Gligorich, PhD  
Laboratory Operations Director, Navican Precision Cancer Care |
| 10-Apr | 12:00 - 01:00 PM | Disruptive Molecular Technologies | Digital Biosensors and the Internet of Biology | Brett Goldsmith, PhD  
CTO, Cardea |
| 10-Apr | 12:00 - 01:00 PM | Disruptive Molecular Technologies | Transforming Oncology with ctDNA+ctRNA Liquid Biopsy Solutions | Shidong Jia, MD, PhD  
CEO, Predicine |
| 10-Apr | 01:30 - 02:30 PM | Disruptive Molecular Technologies | Detection and Interpretation of Complex Myeloid Leukemia Mutations | Véronique Laloux, PhD  
Senior Global Product Manager of Personalized Healthcare/Oncology at QIAGEN  
Beate Litzenburger, PhD  
Product Owner of QIAGEN Clinical Insight (QCI) Intepret |
| 10-Apr | 01:30 - 02:30 PM | Best Practices in Establishing Value in Laboratory Testing | Laboratory Medicine Beyond The Box: Value Based Health Care & Diagnostic Evidence | Elizabeth Marlowe, PhD, D(ABMM)  
Global Director of Medical Affairs, Microbiology, Roche Molecular Systems  
Joanna Sickler, MPH, MBA  
Director of Medical Affairs, Point-of-Care, Roche Molecular Systems |
| 10-Apr | 01:30 - 02:30 PM | Best Practices in Establishing Value in Laboratory Testing | Tools & Processes for Making Evidence-Based Policy Decisions | Eugean Jiwanmall, MPH, MBA  
Senior Research Analyst for Medical Policy & Technology Evaluation, Independence Blue Cross |