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| 10-Nov| 06:00 - 07:00 AM | Emerging Diagnostic Technologies | Keynote Panel Presentation: Solid Phase Microextraction: New Developments in Bioanalysis and Medical Applications | Janusz Pawliszyn, PhD, FCIC, FRSC  
University Professor, University of Waterloo & Canada Research Chair and NSERC Industrial Research Chair, New Analytical Methods and Technologies  
Barbara Bojko, PhD  
Associate Professor, Department of Pharmacodynamics and Molecular Pharmacology, Faculty of Pharmacy, Collegium Medicum in Bydgoszcz, Nicolaus Copernicus University in Toruń |
| 10-Nov| 07:30 - 08:30 AM | Emerging Diagnostic Technologies | Panel Presentation: Overcoming Challenges of Copy Number Variant Interpretation with QCI Interpret and the ACMG Guidelines for CNVs | Dan Richards, PhD  
Vice President, Global Clinical Product Management, Digital Insights at QIAGEN  
Martin Jones, PhD  
Scientific Product Owner, QIAGEN Digital Insights |
| 10-Nov| 09:00 - 10:00 AM | Medical Imaging                | Keynote Presentation: AI in Times of COVID-19: the COVID-Net Open Source Initiative                       | Alexander Wong, Ph.D., P.Eng., SMIEEE  
Canada Research Chair in Artificial Intelligence and Medical Imaging  
Member, College of the Royal Society of Canada |
| 10-Nov| 10:30 - 11:30 AM | COVID-19 - Screening and Diagnosis | Operation Moonshot: Rapid Translation of a SARS CoV2 LC-MS/MS Test from Research to Routine Use             | Dr. Rachel Carling  
Scientific Director, Viapath, Guys & St Thomas’ NHSFT |
| 10-Nov| 10:30 - 11:30 AM | Emerging Diagnostic Technologies | Reproducible Isolation, Stimulation and Analysis of Antigen-specific T-cells to Further SARS-CoV-2 Research | Lorenz Fülle, PhD  
Global Product Manager for antigen and virus-specific T cells - Miltenyi Biotec |
| 10-Nov| 12:00 - 01:00 PM | Emerging Diagnostic Technologies | Confidence in your Calibrators - Introducing the MassTrak Endocrine Steroid Calibrator and Quality Control Sets | Dominic Foley  
Principal Scientist, Clinical Applications, Waters Corporation |
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| 10-Nov| 12:00 -    | COVID-19 - Screening and Diagnosis| Panel Presentation: Multiplex RT-PCR to Accurately Detect and Differentiate Respiratory Viruses Presenting Similar Clinical Symptoms | Anami Patel, PhD  
Chief Science Officer, Poplar Healthcare  
Lauren Miller  
Scientist, Clinical Applications / Marketing Support, Thermo Fisher Scientific |
|       | 01:00 PM   |                                   |                                                                                                       |                                                                                                      |
| 10-Nov| 01:30 -    | Emerging Diagnostic Technologies  | Advancements in UTI Testing: A Multi-omics Approach                                                  | David Baunoch, PhD  
CSO and Co-Founder, Pathnostics                                                                 |
|       | 02:30 PM   |                                   |                                                                                                       |                                                                                                      |
Chief Executive Officer & Cofounder, Steradian Technologies, Inc.;  
MSc-GH, Global Health, Duke University, Duke Global Health Institute  
Tra T. Tran, MSc-GH  
Director of Development & Clinical Affairs, Steradian Technologies, Inc. |
|       | 02:30 PM   |                                   |                                                                                                       |                                                                                                      |
| 10-Nov| 03:00 -    | COVID-19 - Screening and Diagnosis| Recent Developments in the SARS-CoV-2 Landscape, and Testing Strategies to Address this Constantly Evolving Field | Manoj Gandhi, MD, PhD  
Senior Medical Director, Genetic Testing Solutions, Thermo Fisher Scientific |
|       | 04:00 PM   |                                   |                                                                                                       |                                                                                                      |
| 10-Nov| 03:00 -    | COVID-19 - Screening and Diagnosis| SARS-CoV-2 Neutralizing Antibody Testing for Vaccine Efficacy Assessment                               | Sean Taylor, MBA, PhD  
North American Field Application Scientist Manager, GenScript USA, Inc. |
|       | 04:00 PM   |                                   |                                                                                                       |                                                                                                      |
| 10-Nov| 04:30 -    | Emerging Diagnostic Technologies  | Putting the Pieces Together, from Variant Calling to Biological Insights - A Lynch Syndrome Case Study | Eric Seiser, PhD  
Global Product Manager, QIAGEN Digital Insights                                                                 |
|       | 05:30 PM   |                                   |                                                                                                       |                                                                                                      |
| 10-Nov| 06:00 -    | Emerging Diagnostic Technologies  | How to Streamline Your Variant Classification Workflow with HGMD                                    | Malaina Gaddis, PhD  
Clinical Field Application Scientist, QIAGEN Digital Insights                                                                 |
|       | 07:00 PM   |                                   |                                                                                                       |                                                                                                      |
| 10-Nov| 11:55 -    | Emerging Diagnostic Technologies  | An Introduction to Lab-on-a-Chip Technology in Clinical Diagnostics: Successes and Remaining Challenges | Heather Nelson, PhD  
Acting Medical Director, Automated Core Laboratory, ARUP Laboratories |
|       | 11:55 PM   |                                   |                                                                                                       |                                                                                                      |
| 10-Nov| 11:55 -    | COVID-19 Screening and Diagnostics| COVID-19 Serology Testing in the Pandemic: Lessons Learned                                           | Raymond Suhandynata, PhD, NRCC (CC)  
Clinical Chemistry Fellow, Center for Advanced Laboratory Medicine, University of California San Diego |
<p>|       | 11:55 PM   |                                   |                                                                                                       |                                                                                                      |</p>
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| 10-Nov     | 11:55   | Emerging Diagnostic Technologies                    | Leveraging Data Science to Broaden Access to Precision Diagnostics                                                    | Chris MacDonald  
Vice President - Data Science, Engineering, and Operations, Chromacode                           |
| 10-Nov     | 11:55   | The Labs Role in Advancing Equity                   | The Canadian Laboratory Initiative on Paediatric Reference Intervals: Key Objectives, Progress, and Lessons Learned   | Mary Kathryn Bohn  
PhD Candidate, Laboratory Medicine and Pathobiology, University of Toronto, CALIPER Project, Department of Paediatric Laboratory Medicine, The Hospital for Sick Children |
| 10-Nov     | 11:59   | Emerging Diagnostic Technologies                    | Size Selection of Cell-free DNA Increases the Proportion of Tumor Specific Variants in Cancer Patients                | Kimberly Holden  
Research Associate III, Research and Development, Labcorp                                           |