

| Date   | Time                      | Track                                       | Presentation Title  | Speaker   |
|--------|---------------------------|---|---|---|
| 10-Nov | 06:00<br>-<br>07:00<br>AM | Emerging<br>Diagnostic<br>Technologies      | Keynote Panel Presentation: Solid Phase<br>Microextraction: New Developments in Bioanalysis<br>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<br>-<br>08:30<br>AM | Emerging<br>Diagnostic<br>Technologies      | Panel Presentation: Overcoming Challenges of Copy<br>Number Variant Interpretation with QCI Interpret<br>and the ACMG Guidelines for CNVs | Dan Richards, PhD<br>Vice President, Global Clinical Product Management, Digital Insights<br>at QIAGEN<br>Martin Jones, PhD<br>Scientific Product Owner, QIAGEN Digital Insights  |
| 10-Nov | 09:00<br>-<br>10:00<br>AM | Medical<br>Imaging                          | Keynote Presentation: Al in Times of COVID-19: the COVID-Net Open Source Initiative   | Alexander Wong, Ph.D., P.Eng., SMIEEE<br>Canada Research Chair in Artificial Intelligence and Medical Imaging<br>Member, College of the Royal Society of Canada   |
| 10-Nov | 10:30<br>-<br>11:30<br>AM | COVID-19 -<br>Screening<br>and<br>Diagnosis | Operation Moonshot: Rapid Translation of a SARS<br>CoV2 LC-MS/MS Test from Research to Routine Use  | Dr. Rachel Carling<br>Scientific Director, Viapath, Guys & St Thomas' NHSFT   |
| 10-Nov | 10:30<br>-<br>11:30<br>AM | Emerging<br>Diagnostic<br>Technologies      | Reproducible Isolation, Stimulation and Analysis of<br>Antigen-specific T-cells to Further SARS-CoV-2<br>Research                         | Lorenz Fülle, PhD<br>Global Product Manager for antigen and virus-specific T cells -<br>Miltenyi Biotec   |
| 10-Nov | 12:00<br>-<br>01:00<br>PM | Emerging<br>Diagnostic<br>Technologies      | Confidence in your Calibrators - Introducing the<br>MassTrak Endocrine Steroid Calibrator and Quality<br>Control Sets                     | Dominic Foley<br>Principal Scientist, Clinical Applications, Waters Corporation   |

| 10-Nov | 12:00<br>-<br>01:00<br>PM | COVID-19 -<br>Screening<br>and<br>Diagnosis | Panel Presentation: Multiplex RT-PCR to Accurately Detect and Differentiate Respiratory Viruses Presenting Similar Clinical Symptoms      | Anami Patel, PH.D, MB (ASCP) DLM Chief Science Officer, Poplar Healthcare Lauren Miller Scientist, Clinical Applications / Marketing Support, Thermo Fisher Scientific   |
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| 10-Nov | 01:30<br>-<br>02:30<br>PM | Emerging<br>Diagnostic<br>Technologies      | Advancements in UTI Testing: A Multi-omics<br>Approach  | David Baunoch, PhD<br>CSO and Co-Founder, Pathnostics  |
| 10-Nov | 01:30<br>-<br>02:30<br>PM | Emerging<br>Diagnostic<br>Technologies      | Keynote Panel Presentation: Successes and<br>Challenges: Developing a 30-second Photonic<br>Detection Diagnostic for the Price of a Latte | Asma H. Mirza 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. |
| 10-Nov | 03:00<br>-<br>04:00<br>PM | COVID-19 -<br>Screening<br>and<br>Diagnosis | Recent Developments in the SARS-CoV-2<br>Landscape, and Testing Strategies to Address this<br>Constantly Evolving Field                   | Manoj Gandhi, MD, PhD<br>Senior Medical Director, Genetic Testing Solutions, Thermo Fisher<br>Scientific   |
| 10-Nov | 03:00<br>-<br>04:00<br>PM | COVID-19 -<br>Screening<br>and<br>Diagnosis | SARS-CoV-2 Neutralizing Antibody Testing for<br>Vaccine Efficacy Assessment   | Sean Taylor, MBA, PhD<br>North American Field Application Scientist Manager, GenScript USA,<br>Inc.  |
| 10-Nov | 04:30<br>-<br>05:30<br>PM | Emerging<br>Diagnostic<br>Technologies      | Putting the Pieces Together, from Variant Calling to<br>Biological Insights - A Lynch Syndrome Case Study                                 | Eric Seiser, PhD<br>Global Product Manager, QIAGEN Digital Insights  |
| 10-Nov | 06:00<br>-<br>07:00<br>PM | Emerging<br>Diagnostic<br>Technologies      | How to Streamline Your Variant Classification<br>Workflow with HGMD   | Malaina Gaddis, PhD<br>Clinical Field Application Scientist, QIAGEN Digital Insights   |
| 10-Nov | 11:55<br>-<br>11:55<br>PM | Emerging<br>Diagnostic<br>Technologies      | An Introduction to Lab-on-a-Chip Technology in<br>Clinical Diagnostics: Successes and Remaining<br>Challenges                             | Heather Nelson, PhD<br>Acting Medical Director, Automated Core Laboratory, ARUP<br>Laboratories  |
| 10-Nov | 11:55<br>-<br>11:55<br>PM | COVID-19<br>Screening<br>and<br>Diagnostics | COVID-19 Serology Testing in the Pandemic:<br>Lessons Learned   | Raymond Suhandynata, PhD, NRCC (CC)<br>Clinical Chemistry Fellow, Center for Advanced Laboratory Medicine,<br>University of California San Diego   |

|  | 10-Nov | 11:55<br>-<br>11:55<br>PM | Emerging<br>Diagnostic<br>Technologies     | Leveraging Data Science to Broaden Access to Precision Diagnostics  | Chris MacDonald<br>Vice President - Data Science, Engineering, and Operations,<br>Chromacode  |
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|  | 10-Nov | -                         | The Labs<br>Role in<br>Advancing<br>Equity | The Canadian Laboratory Initiative on Paediatric<br>Reference Intervals: Key Objectives, Progress, and<br>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<br>-<br>11:59<br>PM | Emerging<br>Diagnostic<br>Technologies     | Size Selection of Cell-free DNA Increases the<br>Proportion of Tumor Specific Variants in Cancer<br>Patients              | Kimberly Holden<br>Research Associate III, Research and Development, Labcorp  |