CLINICAL DIAGNOSTICS & RESEARCH
NOVEMBER 10. 2021

Date	Time	Track	Presentation Title	Speaker
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

10-Nov	12:00 - 01:00 PM	COVID-19 - Screening and 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
10-Nov	01:30 - 02:30 PM	Emerging Diagnostic Technologies	Advancements in UTI Testing: A Multi-omics Approach	David Baunoch, PhD CSO and Co-Founder, Pathnostics
10-Nov	01:30 - 02:30 PM	Emerging Diagnostic Technologies	Keynote Panel Presentation: Successes and Challenges: Developing a 30-second Photonic 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 - 04:00 PM	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
10-Nov	03:00 - 04:00 PM	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.
10-Nov	04:30 - 05:30 PM	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
10-Nov	06:00 - 07:00 PM	Emerging Diagnostic Technologies	How to Streamline Your Variant Classification Workflow with HGMD	Malaina Gaddis, PhD Clinical Field Application Scientist, QIAGEN Digital Insights
10-Nov	11:55 - 11:55 PM	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
10-Nov	11:55 - 11:55 PM	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

10-Nov	11:55 - 11:55 PM	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 - 11:55 PM	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 - 11:59 PM	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