

# CLINICAL DIAGNOSTICS & RESEARCH

## VIRTUAL EVENT SERIES

### NOVEMBER 10, 2022

| Date  | Time                      | Track   | Presentation Title  | Speaker   |
|-------|---------------------------|---|---|---|
| 9-Nov | 06:00<br>-<br>07:00<br>AM | Precision<br>Medicine<br>and Special<br>Populations | Monitoring Intact Light Chain of Therapeutic Monoclonal Antibodies in Human Serum by LC-MS for Clinical Research with Live Q&A          | Yvonne Song, PhD, BSc<br>Sr. Applications Scientist, Thermo Fisher Scientific   |
| 9-Nov | 06:45<br>-<br>07:45<br>AM | Emerging<br>Diagnostic<br>Technologies              | How to Translate Complex Genomic Data to Clinically-Oriented Personalized Cancer Care: a Real-World Experience                          | Ana Krivokuca, PhD<br>Head of Department for Genetic Counseling, Institute of Radiology and Oncology in Serbia  |
| 9-Nov | 07:30<br>-<br>08:30<br>AM | Perspectives<br>on SARS<br>CoV-2 and<br>Monkeypox   | Keynote Presentation: Implementation of Serological and Molecular Tools to Inform COVID-19 Patient Management with Live Q&A             | Jennifer Taher, Ph.D., FCACB<br>Clinical Biochemist, Mount Sinai Hospital, Pathology & Laboratory Medicine, Assistant Professor, University of Toronto, Laboratory Medicine and Pathobiology, Co-Lead, GENCOV - Covid-19 Prospective Clinical Research Study  |
| 9-Nov | 08:15<br>-<br>09:45<br>AM | The Lab's<br>Role in<br>Advancing<br>Equity         | Panel Presentation: Let's Get Back on Track - Perspectives from Brazil, Nigeria, South Africa and Uganda on Achieving 2030 UNAIDS Goals | Carlos Brites, MD, PhD<br>Professor of Infectious Diseases, School of Medicine, at UFBA<br>Mandisa Dukashe, MPH, PhD(c)<br>Founder and Director of HIV Survivors and Partners Network (HSPN)<br>Olabanjo Okunlola Ogunsola, MBChB, MPH, FWACP<br>Associate Director and Head of the Prevention and Community Directorate<br>Dr. Cissy Kityo Mutuluzza, MBChB, M.Sc, PhD<br>Executive Director Joint Clinical Research Centre<br>Obiageli Okafor, MD, DrPH, MPH, Moderator<br>Senior Manager, Product Applications, Thermo Fisher Scientific |

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| 9-Nov | 09:45<br>-<br>10:30<br>AM | Precision<br>Medicine<br>and Special<br>Populations | Panel Presentation: Pharmacogenomics: Post<br>COVID-19 Expansion of Molecular Testing  | Mara G. Aspinall<br>Managing Director, Health Catalysts Group and Professor of<br>Practice, Biomedical Diagnostics, Arizona State University<br>Michael J. Donovan, Ph.D., JD<br>Lecturer, Biomedical Diagnostics, Arizona State University<br>Marilyn Owens, PhD, MBA<br>Founder and Principal, Medical Laboratory Strategy and Leadership,<br>LLC |
| 9-Nov | 10:30<br>-<br>11:30<br>AM | Perspectives<br>on SARS<br>CoV-2 and<br>Monkeypox   | Anticipating the Next Outbreak: Monitoring SARS-<br>CoV-2 and an Expanded Infectious Disease Panel by<br>LC-MS with Live Q&A   | Richard Gibson, PhD, MSc, BSc<br>Applications Scientist, Thermo Fisher Scientific   |
| 9-Nov | 11:30<br>-<br>12:30<br>PM | Emerging<br>Diagnostic<br>Technologies              | Developing Saliva-based Lateral Flow Immunoassays  | Andre Alfaro<br>Senior Director of Assay Development, Fortis Life Sciences  |
| 9-Nov | 12:15<br>-<br>01:15<br>PM | The Lab's<br>Role in<br>Advancing<br>Equity         | Panel Presentation: HIV-1 Genotyping Targeting<br>Integrase - Perspectives on Surveillance of<br>Antiretroviral Drug Resistance  | Steve Williams, PhD<br>R&D Leader, Capillary Electrophoresis - Thermo Fisher Scientific<br>Kim Steegen, PhD, MSc<br>Senior Medical Scientist - Charlotte Maxeke Johannesburg Academic<br>Hospital<br>Natasha Wood, PhD<br>Co-founder & Chief Science Officer - Hyrax Biosciences  |
| 9-Nov | 12:45<br>-<br>01:45<br>PM | The Lab's<br>Role in<br>Advancing<br>Equity         | From 50 to 500 genes: How to Scale to<br>Comprehensive Genomic Profiling While Reducing<br>Cost, Time and Labor  | Beate Litzenburger, Ph.D.<br>Global Product Director of Oncology, QIAGEN Digital Insights   |
| 9-Nov | 01:30<br>-<br>02:30<br>PM | Emerging<br>Diagnostic<br>Technologies              | Panel Presentation: PCR Testing Reveals the SUC is<br>Not So Golden of a Standard of Care  | Becky Winslow, BS, PharmD<br>CEO, inGENEious RX Incorporated<br>Mayil Shanmugam, PhD<br>Acutis Diagnostics, Senior Scientist  |
| 9-Nov | 06:00<br>-<br>06:00<br>AM | Perspectives<br>on SARS<br>CoV-2 and<br>Monkeypox   | Accelerating Monkeypox and SARS-CoV-2 Virus<br>Whole Genome Sequencing Using Combination of<br>NextGenPCR and Oxford Nanopore.....Towards Real-<br>Time Genomic Surveillance | Anton van den Ouden<br>Field Application Specialist NextGenPCR, Molecular Biology<br>Systems  |
| 9-Nov | 06:00<br>-<br>06:00<br>AM | Precision<br>Medicine<br>and Special<br>Populations | Autoantibodies in Myositis: Clinical Importance and<br>Current Laboratory Methods for Detection  | Matthew Lafrenière, PhD<br>Staff Clinical Biochemist, Sunnybrook Health Sciences Center (SHSC)  |

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|-------|---------------------------|---|--|---|
| 9-Nov | 06:00<br>-<br>06:00<br>AM | The Lab's<br>Role in<br>Advancing<br>Equity         | Equity in Laboratory Medicine  | Christina Pierre, PhD, DABCC FAACC<br>Clinical Chemist, Director, Clinical Chemistry Section, Department<br>of Pathology and Laboratory Medicine, Penn Medicine Lancaster<br>General Hospital |
| 9-Nov | 06:00<br>-<br>06:00<br>AM | Emerging<br>Diagnostic<br>Technologies              | Monkeypox: Current and Upcoming Diagnostic Tests<br>& Biosafety Guidelines | Martha Hernández<br>Scientist, CloudLIMS.com  |
| 9-Nov | 06:00<br>-<br>06:00<br>AM | Precision<br>Medicine<br>and Special<br>Populations | Tumor Markers as Cancer Screening and Surveillance<br>Tools                | Vrajesh Pandya, PhD<br>Assistant Professor and Medical Director, Clinical Chemistry and<br>Toxicology, University of Utah/ARUP Laboratories   |