



CLINICAL DIAGNOSTICS & RESEARCH

LIVE VIRTUAL EVENT PRODUCED BY LABROOTS

NOVEMBER 8th - 9th 2017

| Date | Time | Track | Presentation Title | Speaker |
|-------|---------------------------|---|---|---|
| 8-Nov | 06:00 - 07:00 AM | ABIM/Consumer Reports Choosing Wisely Initiative | How Does the ABIM Choosing Wisely Initiative Affect Diagnostic Laboratory Medicine? | George Fritsma, MS MLS Proprietor, The Fritsma Factor, Your Interactive Hemostasis Resource |
| 8-Nov | 06:00 - 07:00 AM | Diagnostic Analysis and Management | How to Monitor Heparin Therapy: Still a Controversy | David L. McGlasson, MS. MLS(ASCP) Clinical Research Scientist, 59th CRD |
| 8-Nov | 07:30 - 08:30 AM | Vitamin D | Keynote Presentation: The D-Lightful Vitamin D - A Global Perspective | Michael Holick, MD, PhD Professor of Medicine, Physiology & Biophysics and Director of the Vitamin D, Skin and Bone Research Laboratory and Director of the Bone Healthcare Clinic at Boston University Medical Center |
| 8-Nov | 09:00 - 10:00 AM | Diagnostic Analysis and Management | Tough Targets. Simple Genotyping. Complete Solutions for Mitochondrial Disease, CRISPR, Pharmacogenetics, and Neuroscience Research | Dana Sullivan Product Manager, Canon Biomedical |
| 8-Nov | 09:00 - 10:00 AM | Vitamin D | Vitamin D as a Modifier of Genomic Function and Phenotypic expression During Pregnancy | Bruce W Hollis, PhD Professor, Pediatrics, Biochemistry and Molecular Biology, Director of Pediatric Nutritional Sciences, Medical University of South Carolina |
| 8-Nov | 10:30 - 11:30 AM | Diagnostic Analysis and Management | Liquid Chromatography Tandem Mass Spectrometry Research into Testosterone Analysis: Considerations of Instrument Performance Versus Sample Preparation Complexity | Joshua Hayden, PhD, DABCC, FACB Chief of Chemistry, Norton Healthcare |
| 8-Nov | 12:00 - 01:00 PM | Evolution Biomarker and Regulation in Clinical Labs | Combined immunohistochemistry and RNA in situ hybridization to elucidate tumor molecular heterogeneity in prostate cancer | Nallasivam Palanisamy, PhD Associate Scientist, Henry Ford Health System |

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| 8-Nov | 12:00 - 01:00 PM | Diagnostic Analysis and Management | Testing for Prostate-Specific Antigen (PSA): To Screen or Not to Screen | Shahram Shahangian, PhD, MS, DABCC, FACB Senior Health Scientist, Laboratory Research & Evaluation Branch, Division of Laboratory Systems, Centers for Surveillance, Epidemiology, & Laboratory Services, Centers for Disease Control |
| 8-Nov | 12:00 - 01:00 PM | Pain Management | The Opioid Crisis and other Novel Psychoactive Substances (NPS): Forensic Toxicological Perspectives | Robert Middleberg, PhD Sr. Vice President, Quality Assurance Laboratory Director & Forensic Toxicologist, NMS Labs |
| 8-Nov | 01:30 - 02:30 PM | Evolution Biomarker and Regulation in Clinical Labs | Guiding Clinical Laboratory Integration of Next-Generation Sequencing to Assure Quality Testing | Ira Lubin, PhD, FACMG Senior Project Lead, Geneticist at the Centers for Disease Control and Prevention |
| 8-Nov | 01:30 - 02:30 PM | Diagnostic Analysis and Management | Rapid Variant Interpretation and Reporting Using the QIAGEN Knowledgebase and QIAGEN Clinical Insight - Interpret (QCI-I) | Jennifer Poitras, PhD Principal Genome Scientist, Bioinformatics - Genetic Disease , QIAGEN |
| 9-Nov | 06:00 - 07:00 AM | Diagnostic Analysis and Management | Biosafety Risk Assessment Fundamentals for Clinical Laboratories | Michael Pentella, PhD Clinical Professor at the University of Iowa, College of Public Health |
| 9-Nov | 06:00 - 07:00 AM | Evolution Biomarker and Regulation in Clinical Labs | Blood trails: nanotechnology-enabled biomarker quantification for early disease detection | Tony Hu, PhD Associate Professor, Biodesign Institute, Arizona State University |
| 9-Nov | 07:30 - 08:30 AM | Diagnostic Analysis and Management | Keynote Presentation: Integration of the Simplexa C. difficile Direct assay into a two-step algorithm for the laboratory diagnosis of C. difficile | Dr. James Snyder Director of Microbiology and Infectious Diseases Molecular Diagnostics at University of Louisville Hospital |
| 9-Nov | 09:00 - 10:00 AM | Evolution Biomarker and Regulation in Clinical Labs | Accelerating Immuno-Oncology Research with the PanCancer IO 360™ Gene Expression Panel, Advanced Data Analysis Service, and Signature Development | Sarah Warren, PhD Senior Director of Advanced Applications, NanoString Technologies Patrick Danaher, PhD Principal Biostatistician, NanoString |
| 9-Nov | 09:00 - 10:00 AM | Pain Management | Monitoring Pain Management Medications in Pregnancy and the Neonate | Gwen McMillin, PhD Medical Director, Toxicology and Pharmacogenetics, ARUP Laboratories |

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| 9-Nov | 10:30 - 11:30 AM | Diagnostic Analysis and Management | Fast Phenotypic Antibiotic Susceptibility Testing of Positive Blood Cultures | Margie Morgan, PhD, D(ABMM), MT(ASCP) Professor of Pathology and Laboratory Medicine, Scientific Director, Clinical Microbiology, Cedars-Sinai Medical Center |
| 9-Nov | 10:30 - 11:30 AM | Vitamin D | The Need for Serum 25-hydroxyvitamin D Standardization in Clinical and Research Laboratories | Christopher T. Sempos, PhD Coordinator, Vitamin D Standardization Program (VDSP), NIH Office of Dietary Supplements |
| 9-Nov | 12:00 - 01:00 PM | Vitamin D | Is Free 25OH Vitamin D The Next Generation Vitamin D Marker? | Nicolas Heureux Principal Scientist, DIAsource ImmunoAssays |
| 9-Nov | 12:00 - 01:00 PM | Diagnostic Analysis and Management | Understanding T Cell Responses in Tuberculosis-Latest research on QuantiFERON-TB Gold Plus | Jeff Boyle, PhD Senior Director: Product and Assay Development North Americas, QIAGEN |
| 9-Nov | 01:30 - 02:30 PM | Diagnostic Analysis and Management | Importance of Measuring the Inhibition of Platelet Thromboxanes by Aspirin in Cardiovascular Disease Management and Prevention | Luis Lopez, MD Medical Director, Corgenix Inc. |
| 9-Nov | 01:30 - 02:30 PM | Evolution Biomarker and Regulation in Clinical Labs | The Development and Commercialization of Robust Circulating DNA and RNA Tests | Hestia Mellert, PhD Director, Molecular Development at Biodesix |