



# 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

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

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