

APRIL  
12th-13th  
2017

# MOLECULAR DIAGNOSTICS

LIVE VIRTUAL EVENT PRODUCED BY LABROOTS

Date	Time	Track	Presentation Title	Speaker
12-Apr	06:00 - 07:00 AM	Microbiome Standards related to Diagnostics	Standards for Microbiome and Metagenomics: Supporting the Commercial Translation of Microbiome Science	Jason Kralj, PhD Leader of the Metagenomic Pathogen Detection Program, National Institute of Standards and Technology
12-Apr	07:30 - 08:30 AM	Diseases and Disorders	Keynote Presentation - Variant interpretation in Molecular Diagnostics: Challenges and Knowledge Gaps	Robert L. Nussbaum MD, FACP, FACMG Chief Medical Officer, Invitae
12-Apr	09:00 - 10:00 AM	Oncology	Keynote Presentation - Assessing Risk in Cervical Cancer Screening Management: The Role of HPV Genotyping	Catherine Behrens, MD, PhD, FACOG Consultant Senior Director, Clinical Research
12-Apr	10:30 - 11:30 AM	Oncology	Prediction of enzalutamide sensitivity in triple negative breast cancer	Joel Parker, PhD Director, Bioinformatics, Associate Professor, University of North Carolina, Chapel Hill
12-Apr	12:00 - 01:00 PM	Regulatory Landscape	PAMA: The First Reporting Period is Over. What Does This Legislation Mean for Laboratorie	Roger D. Klein MD, JD, FCAP Principal at Roger D. Klein, MD JD Consulting and Klein & Klein Co., L.P.A. Faculty Fellow at the Arizona State University Sandra Day O'Connor College of Law's Center for Law, Science &
12-Apr	01:30 - 02:30 PM	Microbiome Standards related to Diagnostics	Perspectives for Whole Cell Microbial Reference Materials	J. Russ Carmical, PhD Sequencing Director/Director of Operations, Alkek Center for Metagenomics and Micobiome Research (CMMR) at Baylor College of Medicine and Director of Operation of Diversigen
13-Apr	06:00 - 07:00 AM	Oncology	The Pandora's box of molecular diagnostics: Genomic analysis of uterine lavage fluid detects early endometrial cancers	John A. Martignetti, MD, PhD Icahn School of Medicine at Mount Sinai Departments of Genetics and Genomic Sciences, Pediatrics, Obstetrics/Gynecology & Reproductive Sciences and Oncological Sciences

13-Apr	07:30 - 08:30 AM	Pursue Microbiome Testing as a Companion Diagnostic	The Essential Role of the Molecular Identification of Microorganisms in the Management of Chronic Infections	Randall D. Wolcott, MD Medical Director, Southwest Regional Wound Care Center
13-Apr	09:00 - 10:00 AM	Microbiome Standards related to Diagnostics	Keynote Presentation - DNA Standards and Bioinformatics Benchmarks for Metagenomics	Christopher Mason, PhD Associate Professor, Department of Physiology and Biophysics, WorldQuant (WQ) Scholar, Director, WQ Init. for Quantitative Prediction, Weill Cornell Medicine
13-Apr	10:30 - 11:30 AM	Oncology	Why Variants Matter: NGS Bioinformatics Simplified for Oncology & Virology	Condie Carmack, PhD Vice President of Precision Oncology, Vela Dx Ahmed Mahmoud, PhD Director of Scientific Support for Vela Diagnostics, Bioinformatics Applications scientist
13-Apr	12:00 - 01:00 PM	Diseases and Disorders	Lyme Disease, Molecular Diagnostics, and Detection of New Causative Agents	Bobbi Pritt, MD Pathologist, Laboratory Medicine and Pathology, Mayo Clinic
13-Apr	01:30 - 02:30 PM	Liquid Biopsies	Title coming soon	Gabriel Otte, PhD Founder, Chief Executive Officer, and Director, Freenome Ltd
13-Apr	01:30 - 02:30 PM	Diseases and Disorders	Ultra-sensitive single-molecule array (Simoa) technology to revolutionize CNS biomarkers	Andreas Jeromin, PhD Chief Medical Officer (consulting), Quanterix Corp