

MAY 28-30, 2014
**CLINICAL
 DIAGNOSTICS
 & RESEARCH**



| Date | Time | Track | Presentation Title | Speaker |
|--------|------------------|---------------------------------|--|--|
| 28-May | 06:00 - 07:00 AM | Cardiology | High Sensitivity Troponin as an Emerging Marker in Prediction of Cardiovascular Disease | Vijay Nambi, MD Assistant Professor of Medicine, Baylor College of Medicine |
| 28-May | 06:00 - 07:00 AM | Laboratory Automation & Testing | How to Improve Healthcare with More Effective Clinical Laboratory Test Utilization | Julie R Taylor, PhD, MS Project Lead for the Clinical Laboratory Integration into Health Care Collaboration (CLIHCC), Division of Laboratory Programs, Standards, and Services Center for Surveillance, Epidemiology, and |
| 28-May | 06:00 - 07:00 AM | Industry | The new role for HPV DNA testing: cobas HPV Test as a first-line cervical cancer screen | Julia Engstrom-Melnyk, PhD Scientific Affairs Manager, Medical and Scientific Affairs, Roche Diagnostics |
| 28-May | 07:30 - 08:30 AM | Laboratory Automation & Testing | How Automation is Required in Order for a Laboratory to Achieve Six-Sigma Quality in Non-Analytic Metrics | Charles D Hawker, PhD, MBA, FACB Scientific Director, Automation & Special Projects, ARUP Laboratories, Professor (Adjunct) of Pathology, University of Utah |
| 28-May | 07:30 - 08:30 AM | Industry | Overview on ONE Study experience on standardization across multiple centers | Mathias Streitz, MS, Certified Biologist Head of the Flow-Cytometry Facility, Institute of Medical Immunology, Charite - Universitätsmedizin Berlin |
| 28-May | 07:30 - 08:30 AM | Vitamin D | Technical Challenges and Standardization of Vitamin D | James Freeman, BS Director, Assay Development, Siemens Healthcare Diagnostics |
| 28-May | 09:00 - 10:00 AM | Keynote | Keynote: Establishing an economic BRCA1 and BRCA2 (BRCA) gene analyses research workflow using custom AmpliSeq panel design and the Ion PGM System | Jeffrey N Weitzel, MD Director, Clinical Cancer Genetics, Professor, Director, Cancer Screening & Prevention City of Hope |

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| 28-May | 10:30 - 11:30 AM | Vitamin D | Early infantile rickets: A new look at an old disease and mimic of child abuse | David Ayoub, MD Board Certified Diagnostic Radiologist, Clinical Radiologist, SC |
| 28-May | 10:30 - 11:30 AM | Industry | Heavy/Light Chain Combination Assays: What Laboratories should know about M-Protein detection | Richard O'Hara, PhD Senior Director of Scientific Affairs, Binding Site |
| 28-May | 10:30 - 11:30 AM | Personalized Medicine | Monitoring drugs and medications in pain and addiction patients | Amadeo J Pesce, PhD, DABCC |
| 28-May | 12:00 - 01:00 PM | Keynote | Keynote | Barbara Van Der Pol, PhD, M.P.H. Professor of Medicine and Public Health at the University of Alabama at Birmingham (UAB); Director of the UAB STD Diagnostics Laboratory; President of the International Society for STD Research |
| 28-May | 01:30 - 02:30 PM | Healthcare reform | Legal and Regulatory Developments Affecting Molecular Testing | Peter M Kazon, JD Attorney, Alston & Bird, LLP |
| 28-May | 01:30 - 02:30 PM | Laboratory Automation & Testing | Lowering Blood Culture Contamination Rates Using an Evidence-Based Medicine Approach | Alice Weissfeld, PhD, D (ABMM), F(AAM) President, CEO and Laboratory Director, Microbiology Specialists Incorporated |
| 28-May | 03:00 - 04:00 PM | Vitamin D | Vitamin D Testing in the Clinical Laboratory: The Status in 2014 | Howard Morris, PhD, FAACB, FFSc(RCPA) Professor of Endocrine Bone Research Laboratory, Univ of South Australia |
| 29-May | 06:00 - 07:00 AM | Bioinformatics | Challenges for the Pathology Profession in the Age of the Electronic Health Record How Informatics and Standardisation Initiatives can Help | Robert Flatman, FAACB, MBA, B App Sc Assistant Manager Biochemistry, Sullivan Nicolaiades Pathology, Australia |
| 29-May | 06:00 - 07:00 AM | Pain Management | Chronic Pain Management and Laboratory Testing | Benjamin Abraham, MD Anesthesiology/Chronic Pain Management, Cleveland Clinic |

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| 29-May | 06:00 - 08:00 AM | Vitamin D | Panel Discussion: Vitamin D Requirements during Pregnancy and Lactation, Bio Available 25-HydroxyVitamin D, Doctors Holick, Thadhani, and Wagner | Michael Holick, MD, PhD, Ravi I Thadhani, MD, MPH, Carol Wagner, MD Dr. Holick, is Professor of Medicine, Physiology and Biophysics, Director of the General Clinical Research Center, Director of the Vitamin D, Skin and Bone Research Laboratory, Director, Biol |
| 29-May | 07:30 - 08:30 AM | Industry | Ensuring Quality Using IT Algorithms | Eric Vasbinder, BS Chemistry Automation Supervisor Chemical Pathology Laboratory, University of Michigan Health System |
| 29-May | 07:30 - 08:30 AM | Bioinformatics | Identification of predictive biomarkers from high throughput drug combination screening data | Emma Bowden, PhD Director, Translational Medicine, Thermo-Fisher Scientific |
| 29-May | 07:30 - 08:30 AM | Infectious Disease | Is Cervical Cancer a preventable Disease in women? The role of HPV as a screening test. | Belinda Yen-Lieberman, PhD, MS Professor of Pathology, Contract Staff - Clinical & Molecular Virology. Center of Pediatric Research, Cleveland Clinic, Cleveland, Ohio |
| 29-May | 09:00 - 10:00 AM | Keynote | Keynote Panel Discussion: Companion Diagnostics: Changing the Face of Healthcare, Doctors Hawkins, Joseph, and Frank | Patrick Joseph, MD and Richard Frank, MD Patrick Joseph, MD, Medical Director, Siemens Clinical Laboratory (SCL), Siemens Healthcare Diagnostics Richard Frank, MD, Chief Medical Officer, Clinical Strategy and Policy, Siemens Health |
| 29-May | 10:30 - 11:30 AM | Bioinformatics | Adding Value in Healthcare Delivery: Uses for Clinical Laboratory Informatics in Decision Support | Elizabeth Kenimer Leibach, EdD, MS, MLS(ASCP), SBB Principal Officer, Healthcare Management and Education Services (HMES), Education Editor for Clinical Laboratory Science and Expert Consultant for the US Centers for Disease Control and Preve |
| 29-May | 10:30 - 11:30 AM | Hematology | Going Beyond Cell Counting and Solving Common Problems Faced by Laboratories | Fernando P Chaves, MD Director of Global Scientific Affairs, Beckman Coulter, Inc. |
| 29-May | 10:30 - 11:30 AM | Endocrine | Why are we unable to lose weight and keep it off? All about the connection between the gut and the brain | Caroline M Apovian, MD, FACP, FACN Professor of Medicine and Pediatrics, Boston University School of Medicine Director, Center for Nutrition and Weight Management, Boston Medical Center |
| 29-May | 12:00 - 01:00 PM | Bioinformatics | Navigating the Complexities of the Human Oncoproteome with the SigNET KnowledgeBank | Steve Pelech, PhD Professor, Department of Medicine, University of British Columbia, President & Chief Scientific Officer, Kinexus Bioinformatics Corporation |

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| 29-May | 12:00 - 01:00 PM | Personalized Medicine | Pharmacogenomics and Pharmacometabolomics for Personalized Medicine | Steven Wong, PhD, DABCC(TC), FACB President, AACC 2014, Professor of Pathology, Director, Clinical Chemistry, Co-Director, Clinical and Translational Mass Spectrometry Center, Wake Forest University School of Medicine |
| 30-May | 07:30 - 08:30 AM | Oncology | Multiplexed Fusion Gene Detection using Next Generation Sequencing | Kelli Bramlett and Jeffrey Schageman Kelli Bramlett, Senior Manager, R&D Thermo Fisher Scientific Jeffrey Schageman, Staff Scientist, Thermo Fisher Corp. |
| 30-May | 07:30 - 08:30 AM | Industry | The Role of Lactate in the Risk Assessment of Morbidity and Mortality | Monet Sayegh, MD Senior Medical/Clinical Consultant, Siemens Healthcare Diagnostics |
| 30-May | 09:00 - 10:00 AM | Laboratory Automation & Testing | How does the soluble mechanistic biomarker 14-3-3 eta assist in the management of Rheumatoid Arthritis? | Anthony Marotta, PhD Chief Scientific Officer, AugureX Life Sciences Corp |
| 30-May | 09:00 - 10:00 AM | POCT | Panel Discussion: Vaginitis/vaginosis: Diagnosis and workup using conventional and molecular tests. Dr's Bowman and Wang | Cynthia Foss Bowman, MD and Guiqing Wang, MD, PhD Dr. Bowman is Medical Director, Enzo Clinical Laboratories Dr. Wang is Chief of Microbiology and Molecular Diagnostics Westchester Medical Center, New York Medical College |
| 30-May | 10:30 - 11:30 AM | POCT | Are we able to amplify single bacterial/viral/fungal genome equivalent? | Ivan Brukner, PhD Head of Molecular Microbiology Unit- Molecular Biology, Jewish General Hospital - McGill University |
| 30-May | 10:30 - 11:30 AM | Industry | Universal Definition of MI | Hans Loyda, PhD Director, Scientific Affairs Cardiac, Roche Diagnostics Corporation |
| 30-May | 11:30 - 12:30 PM | Keynote | Keynote: Biochemical Markers of Bone Turnover in the Management of Postmenopausal Osteoporosis | Paul D Miller, MD Distinguished Clinical Professor of Medicine, University of Colorado Health Sciences Center Medical Director Colorado Center for Bone Research |
| 30-May | 03:00 - 04:00 PM | Lipids | Opportunities to simplify clinical lipid assessment | David R Sullivan, MBBS, FRACP, FRCPA Clinical Associate Professor, Dept of Biochemistry, Royal Prince Alfred Hospital |
| 30-May | 03:00 - 04:00 PM | POCT | PoCT Integrated into Clinical Care Contributing to Improved Cardiac Outcomes in Rural Areas | Rosy Tirimacco BSc Network Operations & Research Manager, iCCnet, Country Health SA Local Health Network Inc |