



# CLINICAL DIAGNOSTICS & RESEARCH

NOVEMBER 2-3, 2016

| Date  | Time             | Track                           | Presentation Title   | Speaker  |
|-------|------------------|---------------------------------|--|--|
| 2-Nov | 06:00 - 07:00 AM | Clinical Research               | Fast and easy identification of disease causing variants in hereditary diseases using patient phenotype information and testing for different modes of inheritance | Anika Joecker, PhD<br>Associate Director Global Product Management NGS, QIAGEN   |
| 2-Nov | 06:00 - 07:00 AM | Pain Management                 | Urine Toxicology Testing in Support of Pain Management   | Jennifer M. Colby, PhD, DABCC, FACB<br>Medical Director of Toxicology and Esoteric Chemistry; Vanderbilt University Medical Center   |
| 2-Nov | 07:30 - 08:30 AM | FDA Regulation in Clinical Labs | FDA and Mass Spec Tests for Clinical Labs  | Ravinder Singh, PhD<br>Director, Endocrine Laboratory, Mayo Clinic   |
| 2-Nov | 09:00 - 10:00 AM | Keynote                         | Vitamin D supplementation in Pregnant Women: Effects on Preeclampsia and Asthma in the Offspring   | Augusto A Litonjua, MD, PhD<br>Associate Professor Channing Division of Network Medicine and Division of Pulmonary and Critical Care Medicine Department of Medicine, Brigham and Women's Hospital, Harvard Medical School<br>Scott Weiss, MD, MS<br>Professor of Medicine, Harvard Medical School, Director, Partners HealthCare Personalized Medicine, Associate Director, Channing Division of Network Medicine |
| 2-Nov | 10:30 - 11:30 AM | Industry                        | Tough Targets. Simple Genotyping. Using HRM as a direct approach in research applications.   | Brian McNally, PhD<br>Senior Marketing Specialist, Canon BioMedical  |
| 2-Nov | 10:30 - 11:30 AM | Pain Management                 | Urine Drug Testing in Pain Management  | William Clarke, PhD, MBA, DABCC<br>Associate Professor of Pathology, Clinical Toxicology, Director, Point-of-Care Testing, Johns Hopkins University School of Medicine   |

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| 2-Nov | 10:30<br>-<br>11:30<br>AM | Clinical<br>Research  | Vitamin D, Health Disparities in Prostrate Cancer,<br>and...Alzheimer's   | Sebastiano Gattoni-Celli, MD<br>Professor of Radiation Oncology - Medical University of South<br>Carolina, Health Research Scientist & Research Integrity Officer,<br>Ralph H. Johnson VA Medical Center |
| 2-Nov | 12:00<br>-<br>01:00<br>PM | Pain<br>Management    | Immunoassays and Pain Management Drug Testing   | Nihmat Morjana, Ph.D., M.Sc.<br>Director; Siemens Healthineers   |
| 2-Nov | 01:30<br>-<br>02:30<br>PM | Clinical<br>Research  | A Platform to Digitize Biology: A Potential Pathway to<br>Exponential Medicine  | John McDevitt, PhD<br>Chair, Department Biomaterials, New York University College of<br>Dentistry and Bioengineering Institute & Chief Scientific Officer,<br>Founder of SensoDx                         |
| 3-Nov | 06:00<br>-<br>07:00<br>AM | Lab<br>Automation     | Automation and core-laboratory: experience of a large<br>European academic hospital   | Damien Gruson, PhD<br>Professor, Head of the Department of Clinical Biochemistry,<br>Cliniques Universitaires Saint Luc  |
| 3-Nov | 06:00<br>-<br>07:00<br>AM | Point of<br>Care      | IQCP is a four letter word  | Steven Cotten, PhD DABCC<br>Assistant Professor Pathology, Director of Chemistry, Immunology,<br>Toxicology, and Point of Care; Ohio State University Wexner<br>Medical Center                           |
| 3-Nov | 06:00<br>-<br>07:00<br>AM | Industry              | Mutation Detection Simplified: From Liquid Biopsy in<br>clinical oncology to the detection of Drug Resistance<br>Associated Mutations in virology       | Gerd Michel, PhD<br>VP of R&D and Chief Scientific Officer Vela Research<br>Lou Welebob<br>Director, Vela Research Singapore   |
| 3-Nov | 07:30<br>-<br>08:30<br>AM | Industry              | Fusion genes: what , why and how  | Raed Samara, PhD<br>Senior Global Product Manager, QIAGEN  |
| 3-Nov | 09:00<br>-<br>10:00<br>AM | Keynote               | KEYNOTE: Big data and the learning healthcare<br>system: practical applications for the clinical<br>laboratory  | Lee Schroeder, MD, PhD<br>Assistant Professor of Pathology Director, Point of Care Testing<br>Associate Director, Chemical Pathology; University of Michigan<br>Hospital                                 |
| 3-Nov | 10:30<br>-<br>11:30<br>AM | Point of<br>Care      | Found in Translation: ST2 From Discovery to Clinical<br>Adoption  | James Snider, PhD<br>President, Critical Diagnostics   |
| 3-Nov | 10:30<br>-<br>11:30<br>AM | Infectious<br>Disease | Rapid, Low-cost Tools for Global Health: Using Cell-<br>free Synthetic Biology for Zika Virus Detection and the<br>Portable Manufacture of Therapeutics | Keith Pardee, PhD<br>Assistant Professor, Leslie Dan Faculty of Pharmacy, University of<br>Toronto   |

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| 3-Nov | 10:30<br>-<br>11:30<br>AM | Clinical<br>Research | The High Resolution Solution: Accurate Mass for the<br>Clinical Research Laboratory                          | Natalie Rasmussen<br>R&D Specialist, ARUP   |
| 3-Nov | 12:00<br>-<br>01:00<br>PM | Point of<br>Care     | Point of Care Testing - Why Knowing Now Matters in<br>the Emergency Department                               | Ellis Jacobs, PhD, DABCC, FACB<br>Director, Scientific Affairs, Abbott., Adjunct Assoc Professor of<br>Pathology, Mount Sinai School of Medicine                                |
| 3-Nov | 12:00<br>-<br>01:00<br>PM | Industry             | Use of QIAGEN® Clinical Insight (QCI™) Interpret to<br>Elucidate Precision in Breast Cancer Targeted Therapy | Julie Deschenes, MBA, PhD<br>Manager, Advanced Genomics Integrated Solutions<br>Dilhan Weeraratne, PhD<br>Senior Scientist, Advanced Genomics Support; QIAGEN<br>Bioinformatics |
| 3-Nov | 01:30<br>-<br>02:30<br>PM | Clinical<br>Research | Development of a novel method to measure circulating<br>1,25-Dihydroxyvitamin D in Human Serum and plasma    | Fabrizio Bonelli, PhD<br>Chief Scientific Officer, VP, DIASORIN Inc.  |