

# CLINICAL DIAGNOSTICS & RESEARCH

## NOVEMBER 14, 2019



| Date   | Time                      | Track                 | Presentation Title  | Speaker  |
|--------|---------------------------|-----------------------|---|--|
| 14-Nov | 06:00<br>-<br>07:00<br>AM | Clinical Lab Value    | Future Directions of Sepsis Management: The Emergence of Artificial Intelligence and the Laboratory Diagnostic Ecosystem                  | Nam K. Tran, PhD, HCLD (ABB), FACB<br>Director of Clinical Chemistry, Special Chemistry/Toxicology, Point-of-Care Testing, and SARC Sections, Pathology and Laboratory Medicine, University of California, Davis, School of Medicine |
| 14-Nov | 06:00<br>-<br>07:00<br>AM | Emerging Technologies | High Resolution View of D4Z4 Repeat Regions for Studying Facioscapulohumeral Muscular Dystrophy (FSHD) Using Whole Genome Optical Mapping | Alka Chaubey, PhD, FACMG<br>Head of Cytogenomics and Laboratory Director, Perkin Elmer Genomics  |
| 14-Nov | 07:30<br>-<br>08:30<br>AM | Opioid Crisis         | Keynote Presentation: The Opioid Epidemic in Ohio - A Crime Laboratory Perspective  | Douglas Rohde, MS, F-ABC, MLT(ASCP)<br>Supervisor of Chemistry & Toxicology, Lake County Crime Laboratory  |
| 14-Nov | 09:00<br>-<br>10:00<br>AM | Emerging Technologies | Discovering latent knowledge by applying machine learning techniques to QIAGEN resources  | Jeff Green<br>Staff Software Engineer, Qiagen  |
| 14-Nov | 09:00<br>-<br>10:00<br>AM | Clinical Lab Value    | Drug testing in Regulatory Monitoring   | John Furman, PhD, MSN, COHN-S<br>Director Washington Health Professional Services, Nursing Care Quality Assurance Commission, Washington State Department of Health  |
| 14-Nov | 09:00<br>-<br>10:00<br>AM | Regulatory            | The Role of Proficiency Testing in Achieving Global Outcomes for Hemoglobin A1c   | Paul M. Yip, PhD, FCACB, DABCC<br>Head of Clinical Biochemistry, Sunnybrook Health Sciences Centre, and Associate Professor, Faculty of Medicine, University of Toronto  |
| 14-Nov | 10:30<br>-<br>11:30<br>AM | Emerging Technologies | Identifying the PIK3CA mutations that make a difference in breast cancer with the QIAGEN theascreen® PIK3CA RGQ PCR Kit                   | Benjamin Chaffey, PhD<br>Global Product Manager, Oncology & Precision Diagnostics, QIAGEN  |

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|--------|---------------------------|-----------------------|--|---|
| 14-Nov | 10:30<br>-<br>11:30<br>AM | Clinical Lab Value    | Interferences with thyroid function tests and patient safety                                 | Damien Gruson, PhD<br>Professor, Head of the Department of Clinical Biochemistry,<br>Cliniques Universitaires Saint Luc   |
| 14-Nov | 12:00<br>-<br>01:00<br>PM | Emerging Technologies | Panel Discussion: Emerging technologies in laboratory medicine, opportunities and challenges | Anna Fuezery, PhD, DABCC, FCACB<br>Corresponding member of IFCC C-MHBLM, North Sector POCT<br>Medical Lead, Alberta Public Laboratories, Associate Clinical<br>Professor of Laboratory Medicine, University of Alberta<br>Damien Gruson, PhD<br>Professor, Head of the Department of Clinical Biochemistry,<br>Cliniques Universitaires Saint Luc |
| 14-Nov | 12:00<br>-<br>01:00<br>PM | Clinical Lab Value    | Thyroid autoimmunity and female infertility  | David Unuane, MD, PhD<br>Kliniekhoofd Endocrinologie - Diabetologie, University Hospital<br>Brussels  |
| 14-Nov | 01:30<br>-<br>02:30<br>PM | Clinical Lab Value    | Strategies to Improve Laboratory Stewardship   | Gary Procop, MD, MS<br>Medical Director & Co-Chair, Enterprise Laboratory Stewardship<br>Committee, Enterprise Medical Operations, & Director of<br>Microbiology, Virology, Mycology & Parasitology, Cleveland Clinic   |