



MAY.20.2020

# LABORATORY

## Automation & Informatics



Date	Time	Track	Presentation Title	Speaker
20-May	07:30 - 08:30 AM	High Throughput Biology	Keynote Presentation: Bridging Multiscale Physiological Systems via Microfluidics- from single cell to tissue-scale to organ-scale	Abraham P. Lee Professor, Biomedical Engineering, University of California, Irvine Director, NSF I/UCRC Center for Advanced Design & Manufacturing of Integrated Microfluidics (CADMIM), Lab On A Chip Journal
20-May	09:00 - 10:00 AM	Microfluidics Enabling Automation	Keynote Presentation: Quantitative biology with droplet microfluidics	Adam Abate, PhD Associate Professor, University of California, San Francisco
20-May	12:00 - 12:05 AM	Microfluidics Enabling Automation	Acoustic Ejection Mass Spectrometry for High-Throughput Analysis	Luke Ghislain, PhD Senior Staff Engineer, Research & Development
20-May	12:00 - 12:05 AM	High Throughput Biology	Comprehensive Genomic Association Data for Genetic Variant Interpretation: A Computational Approach	Mark Kiel, MD, PhD Co-Founder and Chief Science Officer, Genomenon
20-May	12:00 - 12:05 AM	Microfluidics Enabling Automation	Gene-editing by a "click-of-a-button"	Steve Shih, PhD Assistant Professor, Concordia University
20-May	12:00 - 12:05 AM	High Throughput Biology	Highly sensitive detection of SARS-CoV-2 by Crystal Digital PCR™	Rémi Dangla CEO, Stilla Technologies
20-May	12:00 - 12:05 AM	Method Validation and LIMS	LAB 4.0 Fully automated LIMS including SAP integration	Guido von Dahlen General Manager, Strategic Business Consultant

20-May	12:00 - 12:05 AM	High Throughput Biology	Lab on a Particle: Democratizing Single-Cell Secretion Assays	Joseph de Rutte PhD Candidate, Bioengineering, University of California, Los Angeles, Co-Founder and President, Partillion Bioscience
20-May	12:00 - 12:05 AM	Microfluidics Enabling Automation	Next-gen protein assays enabling precision medicine and data-driven biology	Kursad Araz, PhD Co-founder, Chief Technology Officer, Correlia Biosystems
20-May	12:00 - 12:05 AM	High Throughput Biology	Single-cell Genomics Tools for better understanding and treatment of Human Disease	Anindita Basu, PhD Assistant Professor, Genetic Medicine, University of Chicago, Assistant Scientist, Center for Nanoscale Materials, Argonne National Laboratory
20-May	12:00 - 12:05 AM	Method Validation and LIMS	The Importance of Data Integrity: LIMS, Tools and Best Practices	Christine Paszko, PhD, MT (ASCP) Sr. Vice President, Sales & Marketing, Accelerated Technology Laboratories, Inc.
20-May	12:00 - 12:05 AM	Method Validation and LIMS	Validation of LIMS is a part of the data integrity	Siri H. Segalstad Lead Consultant, Segalstad Consulting AS
20-May	12:00 - 12:05 AM	Method Validation and LIMS	Zero-effort Analytical Method Validation	Jürgen Voorgang Product Manager VALIDAT, Head of Method Validation