

LABORATORY AUTOMATION

VIRTUAL EVENT SERIES
MAY 18 2022



Date	Time	Track	Presentation Title	Speaker
	05:30 - 05:30 AM	Advances in Microfluidics	Cell Pathology Revealed by Single Cell Genotype-phenotype Mapping	Cyrille L. Delley, PhD Postdoctoral researcher, Abate lab, University of California, San Francisco
	05:30 - 05:30 AM	Emerging Methods and Automation	Development of IR-MALDESI-MS for High Throughput Biochemical, Cellular, and Protein Assays	Nathaniel Elsen, PhD Principal Research Scientist, AbbVie
	05:30 - 05:30 AM	Emerging Methods and Automation	High-throughput Desorption Electrospray Ionization Mass Spectrometry (DESI-MS) for Reaction Screening, Nano-scale synthesis and Bioanalysis	Nicolás Morato PhD candidate in Analytical Chemistry, Purdue University
	05:30 - 05:30 AM	Advances in Microfluidics	Measuring Biophysical Properties of Single Cells and Particles with High Precision	Scott Manalis David H. Koch (1962) Professor of Engineering, Koch Institute for Integrative Cancer Research, Departments of Biological and Mechanical Engineering, Massachusetts Institute of Technology
	05:30 - 05:30 AM	Advances in Microfluidics	Value Realization in Laboratory Automation: Identify and Achieve Attainable Goals	Arne Vandenbroucke, PhD Director of Automation and Systems Engineering, Synthego
	06:00 - 06:00 AM	Meet Compliance with Laboratory Software	LIMS, Laboratory Automation Software and Data Integrity	Christine Paszko, PhD, MT (ASCP) Sr. Vice President, Sales & Marketing, Accelerated Technology Laboratories, Inc.
	06:00 - 06:00 AM	Meet Compliance with Laboratory Software	LIMS: Enabling Biobanks Achieve ISO 20387 Accreditation	Martha Hernández Scientist, CloudLIMS.com

06:00 - 07:00 AM	Emerging Methods and Automation	Recent Advances in Lyophilized qPCR Reagents	Olivier Bricaud, PhD Global Market Development Manager, Molecular Biology, Thermo Fisher Scientific
07:30 - 08:30 AM	Advances in Microfluidics	Keynote Presentation: Commercialization and Entrepreneurial Lessons from Microfluidic Biotechnology Startups with Live Q&A	Kalyan Handique, PhD Vice President, Advanced Technologies, BioRad
09:00 - 10:00 AM	Emerging Methods and Automation	Panel Presentation: Concept-to-Commercialization: Thermo Fisher's Unique Approach to Rapidly Advancing Your Antibody and Protein Therapeutics	Steve Lewis Senior Product Manager, Gene Synthesis & Synthetic Biology, Thermo Fisher Scientific Jeff Hou, PhD Director Scientific & Technical Affairs, Pharma Services, Thermo Fisher Scientific
10:30 - 11:30 AM	Emerging Methods and Automation	Getting to Results Faster: Automation in Miltenyi Biotec Imaging Workflows	Amy Jablonski, PhD Technology & Applications Specialist, Miltenyi Biotec
12:00 - 01:00 PM	Emerging Methods and Automation	Panel Presentation: Automating High-throughput Luminex Assays for Multiplex Gene and Protein Analysis	Stefan Jellbauer, PhD Product Manager QuantiGene gene expression assays and Luminex instruments Bani Suri, PhD Product Manager Software, Laboratory Automation
01:30 - 02:30 PM	Emerging Methods and Automation	Panel Presentation: Walk Away from the Laborious NGS Library Prep - Introducing AVENIO Edge System	Teri Mueller Field Applications Consultant, Roche Sequencing & Life Science Scott Verron Sr. Automation Support Scientist, Roche Andy Chiang Marketing Manager, Roche