LABORATORY AUTOMATION

Virtual Event Series

March 20, 2024

Date	Time	Track	Presentation Title	Speaker
20-Mar	06:00 - 07:00 AM	Drive Lab Automation with Cutting-edge Tools	How to Prepare for Lab Automation? with Live Q&A	Jesse Mayer, PhD Field Applications Scientist, Automata
20-Mar	07:30 - 08:30 AM	Automation and Emerging Methods	Panel Presentation: Advanced Predictive Modeling in Cell Line Development with Live Q&A	Ali Safari, Dr.-Ing Data Scientist for Cell line and Media Testing Solutions, Sartorius Stedim Cellca GmbH Monika Zauner, Dr Scientist in Product Development, Sartorius Stedim Cellca GmbH
20-Mar	09:00 - 10:00 AM	Microfluidic and Microscale Technologies for Automation	Keynote Presentation: Applying Nanovial Technology to Discover Rare T Cell Receptors with Live Q&A	Dino Di Carlo, PhD Armond and Elena Hairapetian Chair in Engineering and Medicine, Professor and Vice Chair of Bioengineering, Professor of Mechanical Engineering, California NanoSystems Institute, Jonsson Comprehensive Cancer Center, University of California, Los Angeles
20-Mar	10:00 - 11:00 AM		Poster Discussion	Chat Live with Poster Authors!
20-Mar	10:30 - 11:30 AM	Automation and Emerging Methods	Keynote Presentation: How to Grow (Almost) Anything: A Robotics-Enabled Learning Model for Global Synthetic Biology Education with Live Q&A	David Sun Kong, PhD Synthetic Biologist, Director, MIT's Media Lab, Community Biotechnology Initiative
20-Mar	12:00 - 01:00 PM	Automation and Emerging Methods	Workflow Execution Interface (WEI): Streamlining Autonomous Scientific Discovery through Open-Source Robotics and Instrumentation Integration	Casey Stone B.S. in Biology from Indiana University, M.S. in Computer Science from the University of Chicago, Computational Scientist, Data Science and Learning Division, Argonne National Laboratory
20-Mar	01:00 - 02:00 PM	Microfluidic and Microscale Technologies for Automation	Enhancing Laboratory Efficiency: Automating Plasmid, Protein, and Cell Processing with Live Q&A	Rouba Najjar, MBA Head of US Marketing and Business Development, Products Division

20-Mar	On Demand	Automation and Emerging Methods	High-throughput Analysis of Pathogens using Desorption Electrospray Ionization and 2D MS/MS	Dalton T. Snyder, PhD Research Scientist, Teledyne FLIR
20-Mar	On Demand	Drive Lab Automation with Cutting-edge Tools	Method Validation in a LIMS and CDS Centric Lab Environment	Jürgen Voorgang Product Manager VALIDAT, Head of Method Validation, GUS LAB GmbH
20-Mar	On Demand	Drive Lab Automation with Cutting-edge Tools	Nailing LIMS Data Migration: The Linchpin of Laboratory Modernization	Montserrat Valdes, MSc Senior Scientist, CloudLIMS
20-Mar	On Demand	Drive Lab Automation with Cutting-edge Tools	The Importance of Validating LIMS and Laboratory Systems	Bob McDowall, PhD Director, R D McDowall Limited
20-Mar	On Demand	Microfluidic and Microscale Technologies for Automation	Utilizing Digital Microfluidics to Miniaturize and Automate Arrayed CRISPR Screening Workflows	Hugo Sinha, MASc Co-founder, DropGenie