

# LABORATORY AUTOMATION

MAY 19, 2021

Date	Time	Track	Presentation Title	Speaker
19-May	06:00 - 07:00 AM	High Throughput Biology	Novel Solution For High Throughput Antibody And Protein Purification Using Magnetic Beads	Nishant Saxena, PhD Product Manager, GenScript
19-May	07:00 - 08:00 AM	LIMS and Regulatory Compliance	What happened to the labs of the future? How automation failed the sciences and what to expect from the next generation of lab automation solutions	Craig Johnston Lab Automation Commercial Lead, Automata Nick Pattinson Head of Lab Automation, Automata
19-May	08:00 - 09:00 AM	High Throughput Biology	"I'll be back" - The Journey of the Sample Through an Automated LC/MS Workflow	Robert Wardle Senior Scientist, Waters Corporation
19-May	09:00 - 10:00 AM	Microfluidic Technologies Enabling Automation	Keynote Presentation: Microfluidic Methods for Single-Cell Manipulation and Analysis	Aaron Wheeler, PhD Professor, University of Toronto
19-May	12:00 - 01:00 PM		Enter the Nicosystem: Effecting the digital transformation of biospecific interactions through DMF, web tech, and a bucket of algorithms	Adam Miles Senior Software Product Manager, Nicoya Soleil Grisé Senior Product Manager, Nicoya
19-May	01:30 - 02:30 PM		Level up with EZ2 Connect	Jessica Sehr, PhD Scientific Expert - LS Instruments Robotics Jan-Niklas Schulz, PhD Associate Director - Global Product Management Automated Solutions
19-May	12:00 - 12:45 AM	High Throughput Biology	Advances in Single Cell Analysis for Antibody Discovery: Computer Vision Single Cell Sorting (CVSCS)	Amar Basu, PhD Vice President of Engineering Research and Digital Assays, Bioelectronica Corporation, Associate Professor, Wayne State University

19-May	12:00 - 12:45 AM	Microfluidic Technologies Enabling Automation	Droplet Microfluidic Tools for High Throughput Biotechnology	Ryan Bailey, PhD Robert A. Gregg Professor of Chemistry, University of Michigan
19-May	12:00 - 12:45 AM	LIMS and Regulatory Compliance	Efficient Method Validation Workflow with Full Device Integration	Jürgen Voorgang Product Manager VALIDAT, Head of Method Validation, GUS LAB GmbH
19-May	12:00 - 12:45 AM	Microfluidic Technologies Enabling Automation	From single-cell analysis towards a digital microfluidic point-of-care platform: a capillary journey	Eric Brouzes, PhD Associate Professor, Department of Biomedical Engineering Stony Brook University
19-May	12:00 - 12:45 AM	LIMS and Regulatory Compliance	How a LIMS Helps Manage the Entire Specimen Life Cycle & Meet Clinical Regulatory Compliance	Sue Keeler Managing Director, Colibri Scientific
19-May	12:00 - 12:45 AM	High Throughput Biology	Leave No Hit Behind: Accelerating Lead Molecule Discovery Against Difficult Targets	Eric Sackmann, PhD Associate Director, Applications Engineering Berkeley Lights
19-May	12:00 - 12:45 AM	LIMS and Regulatory Compliance	LIMS and Data Integrity in the Age of COVID	Christine Paszko, PhD, MT (ASCP) Sr. Vice President, Sales & Marketing, Accelerated Technology Laboratories, Inc.
19-May	12:00 - 12:45 AM	Microfluidic Technologies Enabling Automation	Machine Learning Based Design Automation of Microfluidic Flow-Focusing Droplet Generators	Ali Lashkaripour, PhD Research Assistant, Densmore lab Boston University
19-May	12:00 - 12:45 AM	LIMS and Regulatory Compliance	Regulatory Compliance & Best Practices: How a LIMS helps Laboratories Stay Ahead of the Curve	Ankita Acharya LIMS Implementation Expert, CloudLIMS.com
19-May	12:00 - 12:45 AM	LIMS and Regulatory Compliance	Step on the Gas! Accelerating Validation During the Pandemic	Elaine Vong Consultant and Principal, Vong BioPharma Consultants