

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 |

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| 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 |