

ANALYTICAL CHEMISTRY

OCTOBER 24, 2019



| Date | Time | Track | Presentation Title | Speaker |
|--------|---------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24-Oct | 06:00 - 07:00 AM | Food and Environmental Analysis | Multidimension Chromatography; a Disruptive Technology - A Netflix Effect in the World of Chromatography! | Claude Mallet, PhD Senior Scientist, Waters Corporation |
| 24-Oct | 07:30 - 08:30 AM | Food and Environmental Analysis | Quantitation of Mycotoxins in Food Matrices Comparing Stable Isotope Dilution Assay (SIDA) with Matrix Matched Calibration Methods by LC-MS/MS | Dan Li, PhD Application Scientist at Restek |
| 24-Oct | 09:00 - 10:00 AM | Biopharmaceutical Analytical Technologies | A Comparison of Established NMR Chemometric Methods in Biopharma | K. Wade Elliott, PhD Research Chemist, National Institute of Standards and Technology, Institute for Bioscience and Biotechnology Research |
| 24-Oct | 10:30 - 11:30 AM | Biopharmaceutical Analytical Technologies | Supercritical fluid chromatography of polar biomolecules at the analytical and preparative scale: evaluation of global conformational changes in peptides and proteins | Raffael Bennett, PhD Postdoctoral Fellow at Merck & Co. |
| 24-Oct | 12:00 - 01:00 PM | Food and Environmental Analysis | The Science of Hemp | Zacariah Hildenbrand, PhD CTO, ZED Therapeuti |
| 24-Oct | 01:30 - 02:30 PM | Chemometrics/Artificial Intelligence | Characterization of Biotherapeutics by Chemometric and Machine Learning Analysis of NMR Spectra | Frank Delaglio, PhD Principal Investigator, National Institute of Standards and Technology Institute Fellow, Institute for Bioscience and Biotechnology Research, University of Maryland |