

# ANALYTICAL CHEMISTRY

## OCTOBER 24, 2019



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