

ANALYTICAL CHEMISTRY & SEPARATION SCIENCES

OCTOBER 21ST, 2020

| Date | Time | Track | Presentation Title | Speaker |
|--------|---------------------------|--|--|--|
| 21-Oct | 07:30 - 08:30 AM | Analytical Techniques for Environmental and Food Testing | The Use of Dispersive Solid Phase Extraction in the Analysis of Pesticides in Cannabis Matrix | Adam Floyd Commercial Operations Manager for Think20 Laboratories |
| 21-Oct | 09:00 - 10:00 AM | Analytical Techniques for Environmental and Food Testing | Keynote Presentation: Functional properties and digestibility of starch and flour under high-temperature cooking conditions | Dr. Yongfeng Ai Assistant Professor and Carbohydrate Research Chair, University of Saskatchewan |
| 21-Oct | 10:30 - 11:30 AM | | Introduction to Supel(TM) Swift HLB: Sample Prep and Applications | M. James Ross, PhD MilliporeSigma |
| 21-Oct | 12:00 - 12:45 AM | Analytical Techniques for Biopharmaceuticals | Automated consistency analysis of metabolomic and proteomic data in interlaboratory studies | Dr. David A. Sheen Physicist, Chemical Sciences Division, NIST (National Institute of Standards & Technology) |
| 21-Oct | 12:00 - 12:45 AM | Analytical Techniques for Biopharmaceuticals | Cannabis Testing labs; Quality Control and Standardization | Niranjan Aryal, PhD Lab Director, Certus Analytics |
| 21-Oct | 12:00 - 12:45 AM | Analytical Techniques for Biopharmaceuticals | Developing a Complete Workflow Including N-Linked Glycans Analysis for Monoclonal Antibodies with High Resolution Mass Spectrometry and Fluorescence Detection | Brian Domanski Strategic Collaborations Scientist - Pharmaceuticals, Shimadzu Scientific Instruments |
| 21-Oct | 12:00 - 12:45 AM | Small Molecule and Polymer Analysis and Detection | Modification and Analytical Characterization of Polyol Based Polymers for Ice Recrystallization Inhibition and Thermal Hysteresis Activity | John G. Tsavalas, PhD Associate Professor, Department of Chemistry and Materials Science Program, University of New Hampshire |

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| 21-Oct | 12:00 - 12:45 AM | Analytical Techniques for Environmental and Food Testing | Overcoming Challenges Analyzing Heavy Metals in Cannabis by ICP-MS | Shianna Hines Sr. Field Application Scientist (Cannabis), PerkinElmer |
| 21-Oct | 12:00 - 12:45 AM | Analytical Techniques for Environmental and Food Testing | Overcoming the challenges of pesticide detection in food: Integrated workflow solutions to screen and confirm multi-residue contaminants | Scott M. Peterman, PhD Sr. Global Marketing Manager, Thermo Fisher Scientific |
| 21-Oct | 12:00 - 12:45 AM | Analytical Techniques for Environmental and Food Testing | The Importance of Analytical Instrumentation for Food Safety | Dr. Eberhardt Kuhn Marketing Manager, Food and Consumer, Products Shimadzu Scientific Instruments |