

**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

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