

AGENDA

Sunday, August 4, 2019

16:00 - 17:30	Residence check-in and Event Registration <i>Cleghorn Room, McGreer Building (B12)</i>
	Conference Start, Introductions, <i>Bishop Williams Hall</i>
	Opening Session (Bishop William Hall)
17:30 - 18:15	CSMS Award Winner - Young Investigator Award Dajana Vuckovic, Concordia University <i>Improving lipid coverage and data quality for untargeted lipidomics and oxylipin profiling</i>
18:15 - 19:00	Invited Speaker Christine Auray-Blais, Université de Sherbrooke <i>A Metabolomic Approach for Biomarker Discovery and Precision Medicine</i>
19:00 - 22:00	POSTERS& RECEPTION, (Cleghorn Room)

Monday, August 5, 2019

8:00 - 9:00	Breakfast, (Dewhurst Dinning Hall, Residence Complex Building D2) <i>(Cafeteria is open for Breakfast from 7:00 to 8:30)</i>
9:00 - 10:35	Pharma, Clinical Session, Bishop William Hall
9:00 - 9:20	Wondewossen Gebeyehu, Carleton University <i>Method development and implementation of rapid, on-site drug checking in a supervised injection site using portable mass spectrometry</i>
9:20 - 9:40	Liang Hu, York University <i>The Prospects of Mass Spectrometry in Direct Quantitative Analysis of Multiple microRNAs (DQAMmiR)</i>
9:40 - 10:00	JoAnn Chen, University of Toronto - MS-ESE York University <i>Investigating Conformational Effects of DNA-drug Interactions by Gas-phase Förster Resonance Energy Transfer</i>
10:00 - 10:15	TBA, PerkinElmer <i>TECH TALK - Dual Source LCMSMS-improved functionality</i>
10:15 - 10:40	Coffee Break, with posters & exhibits <i>Cleghorn Room, McGreer Building (B12)</i>
10:40 - 12:20	Environmental - Small Molecule, Bishop William Hall
10:40 - 11:00	Sean Overton, University of Ottawa <i>Unimolecular reactions of NPAHs</i>
11:00 - 11:20	Malick Diedhiou, University of Ottawa <i>Ion Dissociation Dynamics of 1,2,3,4-Tetrahydronaphthalene (Tetralin) As A Simple Test Case For Hydrogenated PAHs</i>
11:20 - 11:40	Jessica Clothier, York University <i>New Mass Spectrometry Analysis for Perfluorinated Alkyl Substances (PFAS)</i>
11:40 - 12:00	Lisa Szymkowicz, York University <i>Development of a targeted nanoLC-MS/MS method for quantitation of residual toxins from Bordetella pertussis</i>
12:00 - 12:20	Thanh Ngan Thang, Université de Montreal <i>Applying Design of Experiments to the optimization of elution gradients in LC-MS</i>
12:20 - 14:00	LUNCH BREAK - with Free Time <i>Dewhurst Dinning Hall, Building D2</i> <i>(Cafeteria is open for lunch from 12:00 to 13:30)</i>

Monday, August 5, 2019

14:00 - 14:25	Invited Speaker Kristina Håkansson, University of Michigan <i>Electron-based tandem mass spectrometry for biomolecular cations and anions</i>
14:45 - 15:00	Coffee Break, with posters & exhibits <i>Cleghorn Room, McGreer Building (B12)</i>
15:00 - 16:20	Imaging, Bishop William Hall
15:00 - 15:20	Nidia Lauzon, RI-MUHC <i>Metabolomics by MALDI TOF Imaging MS: Biomedical Applications and Challenges.</i>
15:20 - 15:40	Consuelo Perez, York University <i>Internal Standard Application Strategies in Mass Spectrometry Imaging by Desorption Electrospray Ionization</i>
15:40 - 16:00	Ethan Yang, Université de Montréal <i>Silver spray deposition for AgLDI imaging MS of cholesterol, a fast alternative to sputter deposition</i>
16:00 - 16:20	Maryam Yousefi-Taemeh, York University <i>Direct analysis of Cannabis derivatives from Cannabis-infused edible products by DESI-MS</i>
16:20 - 19:00	Free Time & Dinner Break, Bishop's Cafeteria <i>Dewhurst Dinning Hall, Building D2</i> <i>(Cafeteria is open for Dinner - 17:00 to 18:30)</i>
19:00 - 22:00	POSTER SESSION & SOCIAL <i>Refreshments will be served - Gleghorn Room / Posters & Exhibits</i>

Tuesday, August 6, 2019

8:00 - 9:00	Breakfast, (Dewhurst Dinning Hall, Residence Complex Building D2) <i>(Cafeteria is open for Breakfast from 7:00 to 8:30)</i>
9:00 - 10:35	HDX Proteomics, Bishop William Hall
9:00 - 9:20	Chris Thibodeaux, McGill University <i>Advancing Biosynthetic Enzymology with Structural Mass Spectrometry</i>
9:20 - 9:40	Banafsheh Mehrazma, York University <i>The unfolding of lipocalin 2 in the presence of siderophores</i>
9:40 - 10:00	Shaolong Zhu, York University - Sanofi <i>Epitope Mapping of Diphtheria Toxin by Hydrogen Deuterium Exchange Mass Spectrometry (HDXMS)</i>
10:00 - 10:15	Gaëlle Bridon, Agilent <i>Agilent LC/Q-TOF MS, Accelerating Capabilities for High Resolution, Accurate Mass MS analyses</i>
10:15- 10:40	Coffee Break, with posters & exhibits <i>Cleghorn Room, McGreer Building (B12)</i>

Tuesday, August 6, 2019

10:40 - 12:00	Proteomics, Bishop William Hall
10:40- 11:00	Guy Poirier, Université Laval <i>Proteomics analysis the role of PARP in DNA homologous recombination</i>
11:00 - 11:20	Bill Davidson Student Award Winner Timon Geib, Université de Québec a Montréal <i>Reactive Metabolite formation and protein binding by LC-MS/MS</i>
11:20 - 11:40	Marie-Pier Ouellet, Université de Montréal <i>Applying An Experimental Design To Improve The Use Of Insoluble Crosslinked Proteolytic Enzymes For Better Sample Preparation In Microscale Proteomics</i>
11:40- 12:00	Maxime Sansoucy, Université de Québec a Montréal <i>Post-translational modifications in biological materials with unique properties</i>
12:00- 13:30	LUNCH BREAK <i>Dewhurst Dinning Hall, Building D2 (Cafeteria is open for lunch from 12:00 to 13:30)</i>
13:40 - 14:40	Metabolites / Metabolomics, Bishop William Hall
13:40 - 14:00	Anca Baesu, McGill University <i>Application of non-targeted analysis to study the fate of malachite and leucomalachite green in shrimp following thermal treatment</i>
14:00- 14:20	Bill Davidson Student Award Winner Irina Slobodchikova, Concordia University <i>Characterization of phase I and II metabolites of 17 mycotoxins using liquid chromatography high-resolution mass spectrometry</i>
14:20 - 14:40	Ben Warnes, Carleton University <i>Diazomethylation Enhancement of Phosphatidic Acid for Application in Mass Spectrometry</i>
14:40 - 15:00	Ons Ousji, Université de Québec a Montréal <i>Studying the metabolism of BHT in vitro by LC-HRMS/MS</i>
15:00 - 17:00	Coffee Break, with posters & exhibits + Free Time <i>Cleghorn Room, McGreer Building (B12)</i>
17:00 - 21:30	The Ken Standing Award Presentation - Bishop William Hall & Reception with Special BBQ Dinner
17:00 - 18:00	The Ken Standing Award Winner Emma Lundberg, Visiting Associate Professor, Genetics, Stanford University <i>Single cell proteome variability in human cells</i>
18:00 - 21:30	Special Reception & BBQ Dinner, <i>TD Terrace, Roof Top of Sports Complex Building C6</i>

Wednesday, August 7, 2019

8:00 - 9:00	Breakfast, (Dewhurst Dinning Hall, Residence Complex Building D2) (Cafeteria is open for Breakfast from 7:00 to 8:30)
9:00 - 10:35	Tutorials - Library Agora
9:00 - 9:20	Peter Liuni, York University <i>The Nuts and Bolts of a Mass Spectrometry Core Facility</i>
9:20 - 9:40	Sydney Wellman, York University <i>Getting Out and Getting In (To Toxicology)</i>
9:40 - 10:20	Derek Wilson, York University <i>Hydrogen Deuterium Exchange Mass Spectrometry: Up Close and Personal</i>
10:20 - 10:40	Coffee Break, <i>Library Agoura, Building B3</i>
10:40 - 11:20	Pierre Chaurand, Université de Montréal <i>Imaging Tutorial Talk</i>
11:20 - 12:00	Jeff Smith, Carlton University <i>Mass spectrometry-based lipidomics: fundamentals, opportunities and perspectives</i>
12:00 - 13:00	Lunch, <i>Box Lunch - Library Agoura, Building B3</i>
13:00 - 13:40	Karen Waldron, Université de Montréal <i>Capillary Electrophoresis - Mass Spectrometry: Recent Developments and Applications</i>
13:40 - 14:20	Paul Mayer, University of Ottawa <i>Gas Phase Ion Chemistry</i>
14:20	Conference Ends