

HELD AT

Faculty of Medicine and Health Sciences (FMSS)

Door 35, Lecture Hall FM-6214 (6th floor)
3001, 12th Avenue North
Sherbrooke (Quebec) J1H 5N4

There is no participation fee, but you must contact the secretariat by phone, fax or email to register.

INFORMATION AND REGISTRATION

Myriam Turgeon

Service of Genetics, Department of Pediatrics
Centre hospitalier universitaire de Sherbrooke
3001, 12th Avenue North
Sherbrooke (Quebec) J1H 5N4

Tel: (819) 820-6827 FAX: (819) 564-5217
Myriam.Turgeon@Usherbrooke.ca

SCIENTIFIC COMMITTEE

Christiane Auray-Blais, LL.M., Ph.D.
Michel Boutin, Ph.D.
Pamela Lavoie, M.Sc.
René Gagnon, Ph.D.
Hubert Cabana, Ph.D.
François-Michel Boisvert, Ph.D.
Sébastien Lévesque, MD, Ph.D.

IN COLLABORATION WITH:



AGENDA – May 30 2013

8h00 - 8h30 Registration, coffee, pastries

8h30 - 8h45 Welcome and opening remarks

Patricia Gauthier, Executive Director, CHUS
Jean-Pierre Perreault, Vice-Dean, Research and graduated studies, FMSS, Université de Sherbrooke
Patrick Savory, Waters Limitée

8h45 - 9h30

Finding biomarkers for genetic diseases and turning them into tests
Kevin Mills, University College London, London, United Kingdom

9h30 - 10h00

Recent advances and quality assurance of lysosomal storage disorders newborn screening assays in dried blood spots
Victor De Jesus, Centers for Disease Control and Prevention, Atlanta, GA, United States

10h00 - 10h15 Health Break

10h15 - 10h45

Building bridges between mass spectrometry and health science
Alexandra Furtos-Matei, Université de Montréal, Montreal, QC, Canada

10h45 - 11h15

Mass spectrometry input in the structural elucidation of natural products
Ahcène Boumendjel, Université Joseph Fourier, Grenoble, France

11h15 - 12h30 Lunch - Buffet

Hall Z7-1309

12h30 - 13h30

Tour - Waters-CHUS Expertise Centre in Clinical Mass Spectrometry
Laboratory 1419

13h30 - 14h00

Free and membrane proteins bound detergent quantification using matrix-assisted UV-laser desorption ionization mass spectrometry (MALDI-MS)
Pierre Falson, CNRS, Lyon, France

14h00 - 14h30

Semi-targeted metabolomics using differential isotope-labeling strategies
Lekha Sleno, Université du Québec à Montréal, Montreal, QC, Canada

14h30 - 15h00

Role of mass spectrometry in glycomics
Hélène Perreault, University of Manitoba, Winnipeg, MB, Canada

15h00 - 15h15 Health Break

15h15 - 15h45

Tools for high-throughput protein biomarker verification/validation
Konstantin Petritis, Phoenix, AZ, United States

15h45 - 16h15

Analytical methods for the monitoring of emerging contaminants and analytical considerations
Christian Deblois, Centre d'expertise en analyse environnementale du Québec, Quebec, QC, Canada

16h15 - 16h45

Structural mass spectrometry of complex protein systems
David Schriemer, University of Calgary, Calgary, AB, Canada

16h45 - 17h15

Multi-Target LC-MS/MS screening and quantification methods for Quebec's forensic toxicology service
Martine Lamarche, Laboratoire de sciences judiciaires et de médecine légale, Montreal, QC, Canada

17h15 - 17h20 Closing Remarks