



Annual Clinical Proteomics Platform Symposium

October 4, 2016

8:00 am **Registration**

9:00 am **Introduction**

Lorne Taylor - Manager of the Proteomics Platform

9:30 am **Proteomic Analysis of Clathrin-Coated Vesicles: Unexpected Insight into a Severe Intellectual Disability with Epilepsy**

Dr. Peter McPherson - Director of the Clinical Proteomics Platform

10:00 am **Clinical Discovery and Functional Profiling using Mass Cytometry Single-Cell Proteomics**

Dr. Michelle Poulin – Manager Field Application Scientist

Coffee Break

11:00 am **Proteome Analysis of Closely Related Mycobacteria: What Makes the Tubercle Bacillus so Special**

Dr. Marcel Behr – Senior Scientist of the Division of Infectious Diseases

11:30 am **Very High - Content Protein Profiling to Enable Novel Biomarker and Disease Biology Discovery**

Evan Mills - SomaLogic

Free Lunch

A door prize will be given away at the end of the day (Android Tablet!!!)

1:00 pm **Elucidating the Molecular Architecture of the Cilia Using a Combination of Cryo-Electron Microscopy and Proteomics**

Dr. Khanh Huy Bui - Assistant Professor at the Department of Anatomy and Cell Biology

1:30 pm **Towards Integration of RNAseq and Proteomics Using Livers from *Tmed2* Heterozygous Mice**

Dr. Loydie Jerome-Majewska - Medical Scientist, Division of Medical Genetics of the Montreal Children's Hospital

2:00 pm **Crossing Barriers: Targeted Quantitation Workflows from Small to Large Molecules**

Dr. Debadeep Bhattacharyya – Thermo Fisher – Application Specialist

Coffee Break

3:00 pm **Trying to See the Big Picture in Human Proteomics**

Dr. Ronald Beavis – Keynote Speaker - Professor of Biochemistry and Human Genetics University of Manitoba

3:45 pm **Metabolomics Applied to Diabetes Research: Examples from the CRCHUM/MDRC Core Facility**

Dr. Erik Joly - Associate Director - Core and Development CRCHUM

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