

Join us on June 8th, 2017 for the Symposium  
**Metabolomics in Precision Medicine, From Theory to Practice**  
Mount Sinai, 600 University Ave, Toronto, ON

Organized by David Wishart, The Metabolomics Innovation Centre, University of Alberta, Canada

---

**Venue:**

Mount Sinai, 600 University Ave, Toronto, ON, 18<sup>th</sup> Floor

**Registration:**

<http://mpm2017.ca/>

There is no fee to attend the symposium, but please register until May 19<sup>th</sup>

---

**9:00 - 12:45 Session 1:**

**Metabolomics in Precision Medicine**

**9:00 -9:15 Welcome & Introduction**

David Wishart

**9:15 -10:00 Metabolomics, Precision Medicine and the Future of Health**

David Wishart, The Metabolomics Innovation Centre, University of Alberta

**10:00 -10:45 The Exposome and Exposome-wide Association Studies in Cancer Epidemiology**

Augustin Scalbert, Section "Nutrition and Metabolism", Int. Agency for Research on Cancer

**10:45 – 11:15 Coffee Break**

**11:15 -12:00 Metabolomics Approaches for Visualizing T Cell Metabolism in Vitro and in Vivo**

Russell Jones, Goodman Cancer Centre, McGill University

**12:00 -12:45 Accelerated Data Workflows for Biomarker Discovery in Metabolomics: Clinical Applications in Precision Public Medicine and Cystic Fibrosis**

Philip Britz-McKibbin, Chemistry and Chemical Biology, McMaster University

**12:45 - 14:00 Lunch**

**14:00 - 17:15 Session 2:**

**Metabolomics in Precision Medicine**

**14:00 -14:45 Targeted Metabolomics and its Application to Prodromal Parkinson's Disease**

Stewart Graham, Oakland University William Beaumont School of Medicine

**14:45 - 15:30 Targeted Metabolomics of Brain Tissue: Biomarkers for Neurodegenerative Diseases**

Teodoro Bottiglieri, Center of Metabolomics, Institute of Metabolic Disease, Baylor Research Institute

**15:30 – 15:45 Coffee Break**

**15:45 - 16:30 Understanding the Metabolic Disturbances in Malnutrition**

Robert Bandsma, Gastroenterology, Hepatology and Nutrition Division, The Hospital for Sick Children

**16:30 -17:15 Targeted Metabolomics as a Tool for Diagnosis and Patient Stratification**

Matthias Scheffler, Biocrates

**17:15 Concluding Remarks**

David Wishart, The Metabolomics Innovation Centre, University of Alberta

**17:15 - 18:00 Get-together and Networking**

The Metabolomics Innovation Centre is a joint initiative of Genome Canada, Genome Alberta, Genome British Columbia, University of Alberta and University of Victoria.

Supported by: