

7th Annual Muscle Health Awareness Day

Speaker Profiles



Dr. Jane Batt, Keenan Research Centre for Biomedical Science, St. Michael's Hospital

Dr. Batt is a Respiriologist and Scientist at the Keenan Research Centre for Biomedical Science at St. Michael's Hospital. Her research is focused on defining the molecular mechanisms underlying skeletal muscle atrophy, and identifying novel mediators of muscle mass loss.



Dr. Yan Burelle, Université de Montréal

Dr. Burelle is an Associate Professor in the Department of Biomedical Sciences in the Faculty of Medicine at the University of Montreal. His research examines mitochondrial function and mitochondrial quality control mechanisms, and their roles in cardiac and skeletal muscle disease.



Dr. Jeff Dilworth, University of Ottawa

Dr. Dilworth is a Senior Scientist in the Regenerative Medicine Program at the Ottawa Hospital Research Institute, and an Associate Professor in the Department of Cellular and Molecular Medicine, as well as the Department of Medicine. The aims of his research are to better understand the role of epigenetic regulation of stem cells, and how this influences stem cell health and function.



Dr. James Dowling, The Hospital for Sick Children / University of Toronto

Dr. Dowling is a Physician in Neurology and a Senior Scientist in Genetics and Genome Biology at the Hospital for Sick Children, as well as an Assistant Professor in Molecular Genetics at the University of Toronto. His research focuses on the development of gene- and drug-based therapies for childhood neuromuscular diseases, such as congenital myopathies and muscular dystrophies.



Dr. Graham Fraser, University of Western Ontario

Dr. Fraser is an Adjunct Assistant Professor in the Department of Medical Biophysics at the Schulich School of Medicine and Dentistry at the University of Western Ontario. He is interested in the study of oxygen transport and the regulation of microvascular blood flow.



Dr. Martin Gibala, McMaster University

Dr. Gibala is a Professor and Chair in the Department of Kinesiology, and a member of the Exercise Metabolism Research Group, both at McMaster University. His current work focuses on the study of the metabolic adaptations to high-intensity interval training (HIIT), and the role of nutrient availability to influence adaptations to exercise training.



Dr. Erin Kershaw, University of Pittsburgh

Dr. Kershaw is an Associate Professor of Medicine in the Division of Endocrinology at the University of Pittsburgh. Her current research examines the roles of glucocorticoid and lipid metabolism in the development of obesity and the metabolic syndrome.



Dr. Amira Klip, The Hospital for Sick Children / University of Toronto

Dr. Klip is a Senior Scientist in Cell Biology at the Hospital for Sick Children, and a Professor in Biochemistry, Paediatrics and Physiology at the University of Toronto. Her research interests lie in unraveling the mechanisms by which muscle contraction and insulin regulate glucose uptake.



Dr. Ren-Ke Li, Toronto General Research Institute (TGRI)/ University Health Network

Dr. Li is a Senior Scientist at the TGRI, and a Professor in the Division of Cardiovascular Surgery at the University of Toronto. His work focuses cell transplantation into damaged myocardial tissue for the restoration of cardiac function and tissue engineering for the repair of cardiac defects.