

6th Annual Muscle Health Awareness Day

Speaker Profiles



Dr. John Dawson, University of Guelph

Dr. Dawson is a Professor in the Department of Molecular and Cellular Biology at the University of Guelph. His current work focuses on the control actin polymerization and elucidating the biochemical links between mutations in actin and the development of cardiac disease.



Dr. Paul LeBlanc, Brock University

Dr. LeBlanc is an Associate Professor in the Department of Health Sciences, and the Director of the Centre for Bone and Muscle Health at Brock University. His research interests lie in examining the adaptation associated with diet and exercise, and how these impact the composition of skeletal muscle membranes (fatty acids and cholesterols) and the function of proteins contained within them.



Dr. Sara Nunes Vasconcelos, TGRI/UHN and University of Toronto

Dr. Nunes is an Assistant Scientist in the Division of Experimental Therapeutics at the Toronto General Research Institute, and an Assistant Professor at the Institute of Biomaterials and Biomedical Engineering at the University of Toronto. Her current research involves the development of vascularization strategies for regenerative medicine, as well as the nature and mechanistic basis of vessel maturation during adult neovascularization.



Dr. Stuart Phillips, McMaster University

Dr. Phillips is a Professor in the Department of Kinesiology, and the Director of the McMaster Centre for Nutrition, Exercise and Health Research at McMaster University. His work focuses on the mechanisms regulating skeletal muscle mass, quality and metabolic activity, in the context of resistance and/or aerobic training, disuse and aging. He is also interested in the relationship between feeding different protein compositions and meal timing, and how this modulates the response to exercise.



Dr. Jean-Marc Renaud, University of Ottawa

Dr. Renaud is a Professor in the Department of Cellular and Molecular Medicine and a member of the Neuromuscular Research Centre at the University of Ottawa. He is interested in the regulation of muscle contractility during exercise and fatigue, with specific focus on muscle membrane excitability and the regulation/activity of the membrane channels which govern this.



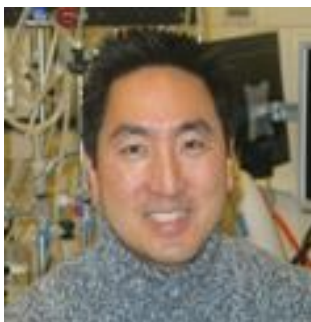
Dr. Robert Ross, Queen's University

Dr. Ross is a Professor in the School of Kinesiology and Health Studies at Queen's University. His research focuses on the characterization and management of obesity and related co-morbidities in adults, and the effectiveness of lifestyle-based interventions designed to manage these disease states.



Dr. Julie St-Pierre, McGill University

Dr. St-Pierre is an Associate Professor in the Department of Biochemistry at the Rosalind and Morris Goodman Cancer Centre located at McGill University. The aims of her research are to understand the regulation of mitochondrial metabolism under physiological and pathological conditions using metabolic profiling and global gene expression analyses.



Dr. Robert Tsushima, York University

Dr. Tsushima is an Associate Professor and the Associate Dean of Research and Partnerships in the Faculty of Science and Engineering at York University. His research examines the properties and regulation of ion channels and the role of SNARE proteins in cardiac and pancreatic tissues, as well as the mechanisms which modulate myocardial ischemic preconditioning protection, in the context of heart disease and diabetes.



Dr. Simon Wing, McGill University

Dr. Wing is Professor in the Department of Medicine and the Program Director for the Research Institute of the McGill University Health Centre. His research is focused on the role of the ubiquitin-proteasome system in skeletal muscle protein degradation and the identification of key enzymes in this system that could be pharmacologically targeted to mitigate muscle wasting.

