

8th Annual Muscle Health Awareness Day Program

Friday May 26, 2017

Life Science Building South Lobby and Room 103, York University

8:15 – 9:00 Registration, poster mounting, and light breakfast

Session 1: Bioengineering, gene expression and stem cells (9:00-10:35)

Session Chair: Dr. Anthony Scime, York University

9:00-9:05 – Dr. David Hood, York University

Welcome and Introduction

9:05-9:35 – Dr. Milica Radisic, University of Toronto / TGR

Bioengineered heart tissue for drug discovery and therapy

9:35-10:05 – Dr. Vladimir Ljubcic, McMaster University

Characterizing protein arginine methyltransferase expression and function in skeletal muscle

10:05-10:35 – Dr. Michael De Lisio, University of Ottawa

Exercise-induced alterations in cellular systems: From bone marrow to skeletal muscle

10:35 – 11:30 Poster Presentations and Break (Life Science Building South Lobby)

Session 2: Muscle physiology and rehabilitation (11:30-12:30)

Session Chair: Dr. William Gage, York University

11:30-12:00 – Dr. Chetan Phadke, West Park Healthcare Centre / University of Toronto

The relationship between muscle spasticity and balance in persons post-stroke

12:00-12:30 – Dr. Kei Masani, University of Toronto / UHN

Novel method to reduce muscle fatigue using functional electrical stimulation

12:30 – 2:00 Catered Lunch (Life Science Building South Lobby);

1:30-2:00 Poster Presentations

Session 3: Cardiac, vascular and muscle pathophysiology (2:00-4:00)

Session Chair: Dr. Robert Tsushima, York University

2:00-2:30 – Dr. Kim Connelly, Keenan Research Centre for Biomedical Science, St. Michael's Hospital

Cardiac fibroblast-myocyte-matrix interactions: role of alpha 11 integrin signaling in mediating crosstalk

2:30-3:00 – Dr. Jefferson Frisbee, University of Western Ontario

Insights into microvascular dysfunction with metabolic syndrome: The importance of multi-scale validity

3:00-3:30 – Dr. Jonathan Schertzer, McMaster University

An inflammasome contributes to statin myopathy and sarcopenia

3:30-3:40 – Poster Awards Presentation, Concluding Remarks