



HEART & STROKE / RICHARD LEWAR CENTRE OF EXCELLENCE

Michael J. Sole Annual Cardiovascular Scientific Day

Thursday, April 16, 2015

8:30am- 5:30 pm

**Toronto Reference Library, Bram & Bluma Appel Salon
789 Yonge Street, Toronto, ON M4W 2G8**

Vascular Medicine and Therapeutics

- 8:00 am – 8:30 am Registration, continental breakfast, poster set-up
- 8:30 am – 8:45 am **Welcome and Opening Remarks**
Dr. Michael Farkouh, HSRLCE Director; and Dr. Alison Buchan, Vice Dean Research and International Relations, University of Toronto
- 8:45 am – 9:00 am Remarks from Dr. Michael J. Sole
- Cerebrovascular Disease**
- 9:00 am – 9:05 am *Chair: Alan Moody*
- 9:05 am – 9:25 am **Richard Lewar Plenary Lecture:**
Dr. Sandra Black, Senior Scientist and Director, Hurvitz Brain Sciences Research Program at Sunnybrook Health Sciences Centre; Professor, Department of Medicine (Neurology), University of Toronto
“Brain Aging and Cerebral SVD: What you may need to know about the unintended consequences of improvements in cardiac care”
- 9:25 am – 9:45 am Dr. Cheryl Jaigobin
Clinical Researcher, Krembil Neuroscience Centre; Associate Professor, Department of Medicine (Neurology), University of Toronto
“Update in acute stroke care – a multidisciplinary model of care”
- 9:45 am – 10:05 am Dr. R. Loch Macdonald, Neurosurgery Division Head, St. Michael's Hospital; Scientist, Keenan Research Centre of the Li Ka Shing Knowledge Institute of St. Michael's Hospital; Professor, Departments of Surgery/Neurosurgery, University of Toronto
“TNF signaling in experimental subarachnoid hemorrhage”
- 10:05 am – 10:25 am **Session Overview and Active Discussion**
- 10:25 am – 10:55 am **Refreshment Break**
- Vascular Medicine and Diabetes**
- 10:55 am – 11:00 am *Chair: Subodh Verma*
- 11:00 am – 11:20 am Dr. Mansoor Husain, Director, Toronto General Research Institute, Professor, Departments of Medicine, Physiology and Laboratory Medicine and Pathobiology, University of Toronto
“Modeling diabetic vascular disease with skin-derived progenitors of vascular smooth muscle”

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| 11:20 am – 11:40 am | Dr. Richard Gilbert, Scientist, Keenan Research Centre of the Li Ka Shing Knowledge Institute of St. Michael's Hospital; Professor, Departments of Medicine/Endocrinology, University of Toronto <i>"Heart Failure and Diabetes"</i> |
| 11:40 am – 12:00 pm | Dr. David Cherney, Associate Professor of Medicine, University of Toronto; Clinician Scientist, Division of Nephrology and Director, Renal Physiology Laboratory, UHN; Scientist, Toronto General Hospital Research Institute <i>"The Potential Role for SGLT2 Inhibition as a Renal Protective Therapy in Diabetic Nephropathy"</i> |
| 12:00 pm – 12:20 pm | Session Overview and Active Discussion |
| 12:20 pm – 2:20 pm | LUNCH and Poster Sessions |
| | <u>Vascular Medicine</u> |
| 2:20 pm – 2:25 pm | <i>Chair: Myron Cybulsky</i> |
| 2:25 pm – 2:45 pm | Heart & Stroke Keynote Lecture: Dr. Duncan J. Stewart, CEO & Scientific Director, the Ottawa Hospital Research Institute; Vice President, Research, The Ottawa Hospital; Professor, Department of Medicine, University of Ottawa <i>"Cell Therapies for Acute Vascular Injury/Inflammation: A Translational Perspective"</i> |
| 2:45 pm – 3:05 pm | Dr. Jason Fish, Assistant Professor, Department of Laboratory Medicine and Pathobiology, University of Toronto; Canada Research Chair in Vascular Cell and Molecular Biology <i>"Functional roles for circulating microRNAs in the regulation of vascular inflammation"</i> |
| 3:05 pm – 3:25 pm | Dr. Philip Marsden, Scientist, Keenan Research Centre of the Li Ka Shing Knowledge Institute of St. Michael's Hospital; Professor and Vice-Chair of Research, Department of Medicine, University of Toronto <i>"Post-transcriptional regulation in hypoxic vascular endothelium, the role of microRNA pathways"</i> |
| 3:25 pm – 3:45 pm | Session Overview and Active Discussion |
| 3:45 pm – 4:15 pm | Refreshment Break |
| 4:15 pm – 5:00 pm | Dr. Subhash C. Verma Award Lecture Dr. Kim Connelly , Scientist in the Keenan Research Centre for Biomedical Science of St. Michael's Hospital and Assistant Professor, Department of Medicine, University of Toronto <i>"The quest for immortality: A tale of quantum physics, stem cells and the heart"</i> Active Learning: Question and Answer |
| 5:00 pm – 5:30 pm | Presentation of Poster Awards |