

HSRLCE MICHAEL J. SOLE ANNUAL CARDIOVASCULAR SCIENTIFIC DAY

in conjunction with

Ted Rogers Centre Heart Failure Symposium

May 3-4, 2019

Marriott Downtown at CF Toronto Eaton Centre (525 Bay Street, Toronto)

Friday, May 3, 2019

Time	Session I: Basic Science: Uncovering the Future	
7:30 AM	Breakfast and Registration	
8:30	Welcome and Introduction	Mansoor Husain , Executive Director, Ted Rogers Centre for Heart Research; Michael Farkouh , Director, Heart & Stroke/Richard Lewar Centre of Excellence in Cardiovascular Research
8:35	How to maintain the quality of heart cells during heart failure: removal of cellular waste and malfunctioning organelles by autophagy	Junichi Sadoshima , Chair, Department of Cell Biology and Molecular Medicine, Rutgers University
8:52	MicroRNAs as biomarkers and effectors of vascular dysfunction in heart failure	Jason Fish , Senior Scientist, Toronto General Hospital Research Institute
9:09	Focus on molecular imaging innovation	Peter Caravan , Head, Translational Molecular Imaging Lab and Director, Institute for Innovation in Imaging, Massachusetts General Hospital
9:26	Q&A	Full panel
9:46	Flash Science Presentations I	
9:53	Break	
Session II: Advances Toward Precision Medicine		
10:13	Genetics of hypertrophic cardiomyopathy: from molecules to medicines	Christine Seidman , Director, Cardiovascular Genetics Center at Brigham and Women's Hospital
10:30	Using AI methods to analyze cardiovascular surgical outcomes	Edward Hickey , Cardiovascular Surgeon, SickKids Hospital
10:47	Focus on precision phenotyping	Patrick Lawler , Clinician-Scientist, University Health Network
11:04	Q&A	Full panel
11:24	Flash Science Presentations II	
11:31	Lunch is Served	

Lunch Session: Translation: Lab to Clinic		
12:00 PM	From patient disease to therapeutic discovery: finding molecules that matter	Jason Maynes , Scientist, Molecular Medicine, SickKids Research Institute
12:17	Leveraging a biobank: from discovery to diagnostics	Phyllis Billia , Clinician-Scientist, University Health Network
12:34	Paradigm shift in the use of biomaterials for cardiac repair: designing for immunity considerations	Paul Santerre , Principal Investigator, Ted Rogers Centre for Heart Research
12:51	Q&A	Full panel
1:11	Flash Science Presentations III	
1:18	Break	
Session IV: Innovation		
1:33	Introduction by Chairs and an overview of the Michael R Freeman Innovation Award Competition	Bradley Strauss , Chief, Schulich Heart Centre, Sunnybrook Health Sciences Centre; and Maral Ouzounian , Surgeon-Scientist, Peter Munk Cardiac Centre
1:43	<i>CSCP Lecture:</i> Development of a multiparametric MRI protocol assessing vascular and metabolic responses to exercise in pediatric respiratory disease	Jessica Caterini , CSCP Bigelow Winner, PhD Candidate, Department of Exercise Sciences, University of Toronto
1:50	<i>Richard Lewar Lecture:</i> Strengthening the framework for Canadian medical technology innovations through education and commercialization	Brian Courtney , Scientist, Sunnybrook Health Sciences Centre
2:10	Q&A	Full Panel
Session V: Prevention & Health Promotion		
2:20	Introduction by Chairs	Michael Farkouh , Director, HSRLCE; and Julie Lovshin (<i>invited</i>)
2:25	Connecting heart, brain, and mind: the time is now!	Sandra Black , Professor of Medicine (Neurology), University of Toronto & Sunnybrook Health Sciences Centre
2:45	<i>Great Minds and Great Medicine The Raymond and Beverly Sackler Visiting Lecture:</i> The very high-risk CHD patient: when is more intensive cholesterol lowering therapy warranted?	Robert Rosenson , Professor of Medicine, Icahn School of Medicine, Mount Sinai
3:05	<i>Heart & Stroke Lecture</i> Secondary prevention of a global epidemic: from environment to cardiometabolic disorders	Sanjay Rajagopalan , Professor, Department of Medicine, School of Medicine, Case Western Reserve University
3:25	Q&A	Full Panel
3:40 – 5:30	Trainee Showcase and Reception	

Saturday, May 4, 2019

Time	Breakfast Session: What to Know About Diabetes, Renal Disease and Heart Failure	
7:50 AM	Welcome and Introduction	Mansoor Husain, Executive Director, Ted Rogers Centre for Heart Research
7:53	What is heart failure and how common is it?	Michael McDonald, Cardiologist, Peter Munk Cardiac Centre
8:10	Type 2 diabetes and kidney dysfunction: how to prevent heart failure	Kim Connelly, Clinician-Scientist, St. Michael's Hospital
8:27	How to manage diabetic and renal patients with CVD	David Cherney, Clinician-Scientist, University Health Network
8:44	Q&A session	Full panel
9:00	Break	
	Session II: Heart Failure: What You Need to Know Right Now	
9:20	Heart failure care: from the emergency room to the doctor's office	Douglas Lee, Ted Rogers Chair in Heart Function, Peter Munk Cardiac Centre / Clare Atzema, Emergency Physician-Scientist, Sunnybrook Health Sciences Centre
9:35	Translating a cardiology consult	Jeremy Kobulnik, Cardiologist, Mount Sinai Hospital
9:50	Is there an ECHO in here? Imaging in HF	Gillian Nesbitt, Cardiologist, Mount Sinai Hospital
10:15	Managing late-stage patients with HF _r EF and HF _p EF	Stephanie Poon, Cardiologist, Sunnybrook Health Sciences Centre
10:30	Q&A session	Full panel
10:55	Break	
	Session III: Emerging Areas, Special Considerations in Heart Failure	
11:15	Innovative therapies on the horizon	Phyllis Billia, Clinician-Scientist, University Health Network
11:30	Caring for families with a heart failure diagnosis	Aamir Jeewa, Section Head, Cardiomyopathy & Heart Function Program, SickKids Hospital
11:45	Cardiotoxicity: protecting the hearts of cancer patients	Husam Abdel-Qadir, Clinician-Scientist, Women's College Hospital
Noon	Genetic testing and the prevention of heart failure	Melanie Care, Genetic Counsellor, University Health Network
12:15 PM	Q&A session	Full panel
12:40	Lunch – end of program	