PROGRAM
16th ANNUAL CARDIAC SCIENCES DAY
0730-1730H, Friday, June 8, 2012
Allard Family Lecture Theatre, Room 1080
Katz Group Centre for Pharmacy and Health Research

0730-0800h  Registration and Coffee (Katz Group Centre Foyer)

0800-0815h  Welcome and Introductions - Dr. Paul Armstrong, Chair, CSRD Committee
(Allard Family Lecture Theatre, Room 1080, Katz Group Centre)

0815-0915h  MEDICAL GRAND ROUNDS
Speaker:  Dr. Paolo Raggi, Academic Director, Mazankowski Alberta Heart Institute;
Lead, School of Cardiac Sciences University of Alberta
Topic:  Cardiovascular Imaging Journey: Past Present and Future

0915-0945h  COFFEE – Visit Poster Session A

Podium Abstract Session A (Chairs: Dr. Michelle Graham & Dr. Richard Schulz)

0945-1000h  #5708  Martin BJ, Norris CM, Southern D, Quan H, Ali IM, Knudtson ML, Bainey KR for the APPROACH investigators
The association between South Asian ethnicity and long-term survival among patients undergoing coronary artery bypass grafting

1000-1015h  #5629  Vaibhav B. Patel, Sreedhar Bodiga, Ratnadeep Basu, Subhash Das, Wang Wang, Zuocheng Wang, Jennifer Lo, Maria B. Grant, Jiuchang Zhong, Zamaneh Kassiri and Gavin Y. Oudit
Loss of ACE2 exacerbates diabetic cardiovascular complications and leads to systolic and vascular dysfunction: a critical role of the Ang II/AT1 receptor axis

1015-1030h  #5663  Kate Mracek, Emer Sonnex, Melissa Grzeszczak, Richard Coulden
Using self-reported height and weight in calculating body surface area: is it good practice in cardiovascular imaging?

1030-1045h  #5746  Nermeen Youssef, Vernon Dolinsky, Grant Masson, Jason Dyck and Peter Light
Plasma membrane kATP channels couple cellular stress to metabolism through AMPK signalling

1045-1100h  #5690  Santokh Dhillon, Tim Colon, Nee Khoo, John Tyberg, Carol Kroeker, Jeffrey Smallhorn
Novel insights into the effect of loading conditions and inotropy on mitral valve function

1100-1115h  #5635  Nakul Sharma, Marta Asensio, Wayne Tymchak, Lucille Lalonde, Jeff Burton, Michael Chan, Daniel Kim
The utility of psycho-social assessment tools in predicting cardiovascular outcomes in post cardiac transplant patients

1115-1130h  #5740  Roxane Paulin, Gopinath Sutendra, Vikram Gurtu, Peter Dromparis, Sebastien Bonnet and Evangelos Michelakis
A metabolic and molecular environment of suppressed angiogenesis driving right ventricle failure

1130-1145h  #5645  Dimitry, J, Kaul, P, Ezekowitz, J
Does early myocardial re-infarction predict long-term mortality?

1145-1300h  LUNCH - Visit Poster Session B

12:15-12:45  MODERATED POSTER SESSION (See Appendix 1)
1300-1400h  **Dr. Joseph Dvorkin Memorial Lecture (Chair: Dr. Justin Ezekowitz)**
Speaker:  Dr. John R. Teerlink, University of California
Topic:  *Drug Development for Heart Failure: Trials and Errors*

**Podium Abstract Session B (Chairs: Dr. Zamaneh Kassiri & Dr. Colleen Norris)**

1400-1415h  #5681 Arden R. Barry, Sheri L. Koshman, Colleen M. Norris, David B. Ross, Glen J. Pearson
*One-year Evaluation of Secondary Cardiovascular Preventative Therapy in Patients who have undergone Coronary Artery Bypass Graft Surgery*

1415-1430h  #5641 Jeevan Nagendran, Thomas Pulinilkunnil, Petra C. Kienesberger, Terri J. Waller, Jason R.B. Dyck
*Myocardial Function During Physiological and Pathological Stress is Independent of Metabolic Changes Induced by AMPK-Mediated Inhibitory Phosphorylation of ACC*

1430-1445h  #5703 Jay Shavadia, Ibrahim Quazi, Sunil Sookram, Neil Brass, Robert C. Welsh
*Bridging the Gap for Rural STEMI Patients Through Implementation of a Pharmacoinvasive Reperfusion Strategy*

1445-1500h  #5650 Brent A. McLean, Wang Wang, Petra C. Kienesberger, Grant Masson, Jason R.B. Dyck, Gavin Y. Oudit
*Signaling via PI3K beta and PI3K gamma and increased glucose oxidation in ischemia/reperfusion protection of PI3K alpha dominant negative hearts*

1500-1515h  #5711 Aws Alherbish, Cynthia M. Westerhout, Yuling Fu, Christopher B. Granger, Paul W. Armstrong
*The Forgotten Lead: Does aVR ST-deviation add insight into STEMI patients?*

1515-1530h  **COFFEE – Visit Posters Session B**

**Podium Abstract Session C (Chairs: Dr. Jayan Nagendran & Dr. Lisa Hornberger)**

1530-1545h  #5743 Vikram Gurtu, Laura Morrison, Linda Webster, Dale Lien, Evangelos Michelakis
*Initial Brain Natriuretic Peptide levels, but not hemodynamics, predict 5-year survival in patients with Pulmonary Arterial Hypertension*

1545-1600h  #5725 J.R. LaBossiere, J-S. Pelletier, D. L. Bigam and P-Y. Cheung
*The cardio-protective effects of doxycycline in a swine model of neonatal asphyxia*

1600-1615h  #5691 Shinya Ugaki, Nee Scze Khoo, David B Ross, Ivan M Rebeyka, Ian Adatia
*Tricuspid valve repair improves right ventricular and tricuspid valve remodeling in patients with hypoplastic left heart syndrome*

1615-1630h  #5697 P Dromparis, G Sutendra, R Paulin, J Zhao, IM Rebeyka, DB Ross, ED Michelakis , J Nagendran
*Patients with Congenital Heart Disease have Compensated Right Ventricular Hypertrophy (RVH) from Sustained Increased levels of Angiogenesis: Implications for treatment of Acquired RVH*

1630-1700h  **AWARDS PRESENTATION and CLOSING REMARKS (Chair: Dr. Paul Armstrong)**

Dr. Francis X. Witkowski Publication Award
Best and Honourable Mention Awards for Basic Science Trainees
Best and Honourable Mention Awards for Clinical Trainees
Audrey Greenough-Dr. Norman Davies Award

1700h  **Wine and Cheese Reception - All are welcome**