14th ANNUAL CARDIAC SCIENCES RESEARCH DAY

0800 – 1700h • KATZ GROUP – REXALL CENTRE • UNIVERSITY OF ALBERTA

Scientific Session A

1000 - 1050h • INTRODUCTION
(CHAIRS: DR. SANDRA DAVIDGE & DR. STEVEN MEYER)

1005 - 1020h • ABSTRACT # 4521
OSAMA ALHADRAMI, DANIELLE A. SOUTHERN, DOREEN M. RABI, AND MICHELLE M. GRAHAM • Long term outcome in Diabetic Patients undergoing Primary Percutaneous Coronary Intervention for ST-elevation Myocardial Infarction

1020 - 1035h • ABSTRACT # 4535
RAYMOND TAM, PAUL KERR, FRANCES PLANÉ • Intracellular calcium stores contribute to the myogenic response of rat cerebral arteries

1035 - 1050h • ABSTRACT # 4513
HUSSIN D KANJ, COSTAS J SCHULZE, PETER WANG, DAVID B. ROSS, MOHAMIAD ZIBDAWI, SEAM M BAGSHAW • Difference Between Preoperative and Cardiopulmonary Bypass Mean-Arterial Pressures is Independently Associated with Early Cardiac Surgery-Associated Acute Kidney Injury

1050 - 1105h • ABSTRACT # 4531
GOPINATH SUTENDRA, PETER DROMPARIS, SEBASTIAN BONNET, PAULETTE WRIGHT, ALOIS HAROMY, MICHAEL S. MCMURTRY, JEAN VANCE, WILLIAM C. SESSA AND EVANGELOS D. MICHELAKIS • A Critical Role of the “ER-Mitochondria Unit” and the Reticulon Protein Nogo in Pulmonary Arterial Hypertension (PAH)

1105 - 1120h • ABSTRACT # 4512
LAUREN C. BREESE, SUMIT R. MAJUMDAR, SCOTT B. PATTEN, JEFFREY A. JOHNSON • Comparison of General Health Services and Specialized Cardiac Care in People With and Without Schizophrenia

1120 - 1135h • ABSTRACT # 4516
JEENEVAGENDRAN, COLLEEN M. NORRIS, MICHELLE M. GRAHAM, RODERICK G. MACARTHUR, THERESA KEISER, ANDREW MAITLAND, STEVEN R. MEYER • Coronary Artery Bypass Grafting versus Percutaneous Coronary Intervention for Patients with Severe Left Ventricular Dysfunction: Superior Outcomes with Surgery

1135 - 1245h • LUNCH AND POSTER SESSION

Plenary Session

1245 - 1300h • RECOGNITION OF SPONSORS
Dr. Ross Tsuuyuki, Chair, CSRSD Committee

1300 - 1400h • JOSEPH DVORKIN MEMORIAL LECTURE
“Pathophysiology of Hypertension in Obesity/Metabolic Syndrome”
Dr. John E. Hall, UNIVERSITY OF MISSISSIPPI

1400 - 1405h • INTRODUCTION
(CHAIRS: DR. PAUL ARMSTRONG & DR. JASON DYCK)

1405 - 1420h • ABSTRACT # 4514
NAWAF ALMAJED, FINLAY MCALISTER, JUSTIN EZEKOWITZ • Cardiac Resynchronization Therapy In Patients With Heart Failure; A Systematic Review And Meta-Analysis Of Randomized Controlled Trials

1420 - 1435h • ABSTRACT # 4519
DANNY GUO AND GAVIN Y. OUDIT • Transactivation of PI3Kalpha by Isoproterenol: A novel mechanism for agonist-induced signalling in heart disease

1435 - 1450h • ABSTRACT # 4583
SEAN VAN DIEPEN, JEFFREY A BAKAL, FINLAY A MCALISTER, JUSTIN A EZEKOWITZ • Mortality and hospital re-admission in patients with heart failure undergoing major or minor non-cardiac surgery

1450 - 1505h • ABSTRACT # 4552
ANTIGONE OREOPoulos, JUSTIN A. EZEKOWITZ, FINLAY A. MCALISTER, KAMYAR KALANTAR-ZADEH, GREGG C. FONAROW, COLLEEN M. NORRIS, JEFFERY A. JOHNSON, RAJ PADWAL • Exploring the Associations Between the Obesity Paradox, Body Composition and Prognostic Factors in Chronic Heart Failure

1505 - 1520h • COFFEE/POSTER SESSION

Scientific Session C

1520 - 1525h • INTRODUCTION
(CHAIRS: DR. GAVIN OUDIT & DR. EVANGELOS MICHELAKIS)

1525 - 1540h • ABSTRACT # 4551
LAVINIA COLTAN, ARUL VADIVEL, JENNY SHI, KATHERINE FU, ANDREW QI, JAMES ELLIS, BERNARD THEBAUD • Induced Pluripotent Stem Cells Differentiate Into Alveolar Epithelial Cells In Vitro and Improve Lung Function In Vivo: Implications for Lung Injury and Repair

1540 - 1555h • ABSTRACT # 4547
RICHDEEP GILL, XIAO YANG YU, PO-YIN CHEUNG, MOHAMMED ALAKLABI, JEEVAN NAGANDRAN, LOUIS G. QINONEZ, JUDY YING QIAN LI, JOHN MILLER, DAVID ROSS, IVAN REBEYKA, JIA LI • Beta3-adrenoceptor Antagonist SR 59230A Attenuates the Imbalance of Systemic Oxygen Transport Induced by Dopamine in Newborn Lambs

1555 - 1610h • ABSTRACT # 4553
MOHAMMAD A.M. ALI, WOO JUNG CHO, BRYAN HUDSON, ZAMANEH KASSHI, HENK GRANZIER AND RICHARD SCHULZ • Titin is a target of MMP-2: implications in myocardial ischemia/reperfusion injury

1610 - 1625h • ABSTRACT # 4574
DOLINSKY V.W., MORTON, J.S., OYA, T., LOPASCHUK, G.D., DAVIDGE, S.T. AND DYCK, J.R.B. • Increased Adiponectin Prevents High Blood Pressure in Hypertensive Rodents

1625 - 1635h • PRESENTATION OF THE GREENOUGH-DR. NORM DAVIES AWARD

1635 - 1640h • PRESENTATION OF BEST CLINICAL AND BEST BASIC SCIENCE ABSTRACT AWARDS

1640 - 1645h • CLOSING REMARKS
Dr. Michelle Graham

1645h • WINE AND CHEESE RECEPTION
ALL ARE WELCOME