



UNIVERSITY OF OTTAWA  
HEART INSTITUTE  
INSTITUT DE CARDIOLOGIE  
DE L'UNIVERSITÉ D'OTTAWA

# CANADIAN CARDIOVASCULAR CONGRESS / VASCULAR 2013

## Heart Institute Presentations and Activities Schedule



This year, the Canadian Cardiovascular Congress is part of an even larger event called Vascular 2013, combining parallel conferences dedicated to cardiovascular disease, hypertension, diabetes and stroke. The University of Ottawa Heart Institute has program items in all of these—nearly 120 in all, including several prominent talks during the Vascular Summit on October 18. Use this guide to find them all.

**Visit the Heart Institute exhibit in the Community Forum (Booth 520).**

### THURSDAY, OCTOBER 17

#### CANADIAN ASSOCIATION OF CARDIAC REHABILITATION (CACR) CONFERENCE OPENING REMARKS

**08:00 – 09:00**  
PCM 512 BCDFGH

**CACR President:** Bob Reid  
**Conference Chair:** Kerri-Anne Mullen

#### CANADIAN CARDIOVASCULAR SOCIETY (CCS) POSTER SESSION

**Clinical and Translational EP**  
**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**15:30 – 16:30** TARGETING AUTONOMIC NEURONS TO DISCOVER THE TRIGGERS OF ATRIAL FIBRILLATION  
M Kamkar, RJ Seymour, MH Gollob, DD Davis

#### CCS POSTER SESSION

**Decision Aids for HF: From Onset to End Stage Therapies**  
**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**15:30 – 16:30** A MATCHED CONTROL STUDY TO ASSESS THE EFFECT OF CRT ON RV FUNCTION IN PATIENTS WITH SEVERE LV DYSFUNCTION  
G Dwivedi, T Haddad, R Abo-Shasha, LM Mielniczuk, T Ruddy, RS Beanlands, M Green, B Chow, H Haddad

#### CCS POSTER SESSION

**Genetic and Metabolic Cellular Injury**  
**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**15:30 – 16:30** LENTIVIRAL-MEDIATED KNOCKDOWN OF INTERLEUKIN 6 IN HUMAN CARDIAC STEM CELLS ENHANCES ANGIOGENESIS AND DECREASES RECRUITMENT OF RESIDENT STEM CELLS  
S Dixit, R Jackson, M Kamkar, DR Davis

**15:30 – 16:30** DIABETES INHIBITS CARDIAC STEM CELL FUNCTION AND CELL-MEDIATED CARDIAC REPAIR THROUGH HIGH GLUCOSE-ASSOCIATED EFFECTS ON PRO-ANGIOGENIC CAPACITY  
AS Molgat, N Latham, EL Tilokee, M Fitzpatrick, G Hay, R Seymour, B Vulesevic, K Lam, M Ruel, R Milne, EJ Suuronen, DR Davis

**15:30 – 16:30** THE CRITICAL ROLE OF AUTOPHAGY IN IRON-OVERLOAD CARDIOMYOPATHY: A MODEL OF DIASTOLIC HEART FAILURE DUE TO OXIDATIVE STRESS  
G Li, G de Couto, Y Chen, M Sun, Y Shi, Y Heng, F Dawood, Y Liu, Y Zong, N Khaper, P Backx, C McCulloch, P Liu

#### CCS POSTER SESSION

**Imaging: Echocardiography and Cardiac Magnetic Resonance Imaging**  
**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**15:30 – 16:30** CONTEMPORARY REFERRAL PATTERNS FOR TRANSTHORACIC ECHOCARDIOGRAPHY: BARRIERS TO DETERMINING APPROPRIATENESS IN THE ECHOCARDIOGRAPHY LABORATORY  
B Banihashemi, K Maftoon, J Bernick, GA Wells, IG Burwash

#### CACR SHOWCASE

**10:00 – 15:30**  
PCM 511 FOYER

HOW PHYSICALLY ACTIVE ARE PATIENTS WITH CORONARY ARTERY DISEASE WHO RECENTLY COMPLETED CARDIAC REHABILITATION?  
Jennifer L Reed

EVALUATING THE FEASIBILITY OF LINKING HOSPITAL-INITIATED SMOKING CESSATION PROGRAMS TO COMMUNITY CESSATION SERVICES PROVIDERS  
Melissa Laroche

NON-RN SMOKING CESSATION COUNSELLOR PROTOCOL  
Mustafa Coja

A QUALITATIVE EVALUATION OF THE OTTAWA MODEL FOR SMOKING CESSATION (OMSC) IN PRIMARY CARE  
Tamara Brown

#### CANADIAN STROKE CONGRESS POSTER SESSION

**10:30 - 18:30**  
COMMUNITY FORUM (PCM 220 A-E)

**12:30 – 2:00** COMMUNITY EXERCISE PARTNERSHIP: HEART WISE EXERCISE FOR TIA AND MINOR NON-DISABLING STROKE  
A Bourgoin, T Dyks, S Gocan, J Harris, M Morris, H Woermke

#### CACR CONCURRENT ORAL SESSIONS

**Group 1**  
**10:30 – 11:30**  
PCM 512 AE

TITRATION OF NICOTINE REPLACEMENT THERAPY IN SMOKERS: THE MEDIATION EFFECT OF NICOTINE WITHDRAWAL  
Ashley Armstrong

#### CACR CONCURRENT ORAL SESSIONS

**Group 2**  
**10:30 – 11:30**  
PCM 511 F

IS TYPE D PERSONALITY A STABLE TRAIT? NOT IF YOU PARTICIPATE IN CARDIAC REHABILITATION!  
Heather Tulloch

#### CACR CONCURRENT ORAL SESSIONS

**Group 3**  
**10:30 – 11:30**  
PCM 511 C

IMPROVING CARDIOVASCULAR HEALTH IN FAMILY MEMBERS OF PATIENTS WITH HEART DISEASE  
Robert Reid

#### CCS HIGHLIGHTED POSTER SESSION

**Electrophysiology**  
**12:30 – 13:30**  
COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE A

**12:54** DIFFERENTIATION OF HUMAN ATRIAL MYOCYTES FROM ENDOTHELIAL PROGENITOR CELL-DERIVED INDUCED PLURIPOTENT STEM CELLS  
MM Jambi, B Ye, MH Gollob, DR Davis

#### CCS ORAL SESSION

**Trainee Research Award Competition—Basic Science**  
**12:30 – 14:00**  
PCM 520 A

**Judge:** Patrick Burgon

INTEGRIN  $\alpha 2\beta 1$  IS REQUIRED FOR SYNERGISTIC EFFECT OF CELLS AND MATRIX THERAPY IN IMPROVING THE PERFUSION, VIABILITY AND FUNCTION OF INFARCTED HEARTS  
A Ahmadi, B McNeill, B Vulesevic, M Kordos, L Mesana, S Thorn, JM Renaud, E Manthorp, D Kuraitis, H Toeg, TG Mesana, RS Beanlands, JN DaSilva, RA deKemp, M Ruel, EJ Suuronen

#### CCS ORAL SESSION

**Time and Transfer and Treatment in STEMI**  
**14:00 – 15:30**  
PCM 520 D

**Co-Chair:** Michel Le May

#### CCS ORAL SESSION

**Genetic & Mechanistic Insights Into Arrhythmia Syndromes**  
**14:00 – 15:30**  
PCM 520 B

**Co-Chair:** Michael Gollob

Be sure to verify times and locations in the official CCC program.

**CCS ORAL SESSION**

**Imaging in Ischemic Disease: Insights Into Disease Mechanisms and Prognosis**  
**14:00 – 15:30**

PCM 520 A

**Co-Chair:** Benjamin Chow

**14:30** EVIDENCE FOR ACTIVELY INFLAMED BILATERAL CAROTID PLAQUE IN PATIENTS WITH ADVANCED ATHEROSCLEROSIS, INSIGHT FROM [18F]-FLUORODEOXYGLUCOSE IMAGING: A SUBSTUDY OF THE CANADIAN ATHEROSCLEROSIS IMAGING NETWORK (CAIN)

MS Cocker, J Spence, B Mc Ardle, R deKemp, C Lum, R Hammond, G Youssef, Y Yerofeyeva, T Karavardanyan, A Adeeko, A Hill, G Stotts, S Nagpal, J Renaud, R Klein, C Kelly, J Brennan, L Garrard, M Alturkustani, L Hammond, J DaSilva, J Tardif, R Beanlands

**15:15** PROGNOSTIC VALUE OF RUBIDIUM-82 POSITRON EMISSION TOMOGRAPHY FOR EVALUATION OF PATIENTS FOLLOWING CARDIAC TRANSPLANTATION

BA McArdle, R Davies, G Small, Y Yam, H Haddad, L Mielniczuk, E Stadnick, A Guo, R Beanlands, R deKemp, B Chow

**CACR WORKSHOPS—SESSION 1**

**14:00 - 15:00**

PCM 511 C

ASSESSMENT AND EXERCISE FOR HEART FAILURE AND OTHER LOW FUNCTIONING PATIENTS

Marja-Leena Keast, Sandra Black

**CACR WORKSHOPS—SESSION 2**

**15:30 – 16:30**

PCM 512 AE

INTEGRATING BEST-PRACTICE SMOKING CESSATION APPROACHES IN CARDIOVASCULAR REHABILITATION—THE OTTAWA EXPERIENCE

Debbie Aitken

**CACR WORKSHOPS—SESSION 2**

**15:30 – 16:30**

PCM 511 C

STRATEGIES TO IMPROVE THE IMPLEMENTATION OF AND ADHERENCE TO PHYSICAL ACTIVITY RECOMMENDATIONS IN PEOPLE WITH HEART FAILURE

Alison Evans

**CCS HIGHLIGHTED POSTER SESSION**

**Heart Failure**

**15:30 – 16:30**

COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE A

**Co-Chair:** Haissam Haddad

**16:06** IMPLICATIONS OF THE DISCREPANCY IN EJECTION FRACTION REPORTING BETWEEN ECHOCARDIOGRAPHY AND RADIONUCLIDE ANGIOGRAPHY IN A “REAL-WORLD” TERTIARY CARE HEART FUNCTION CLINIC

K Zefkic, M Chiu, B Haley, I Burwash, H Haddad, RA Davies, E Stadnick, P Liu, B McArdle, RS Beanlands, T Ruddy, LM Mielniczuk

**CCS WORKSHOP**

**Demystifying the Regulatory Policy Process: What Goes on Inside General Health Canada?**

**16:00 – 17:30**

PCM 520 E

**Faculty:** Marino Labinaz

**CCS ORAL SESSION**

**New Clinical and Basic Science Findings in Hypertension**

**16:00 – 17:30**

PCM 520 C

**17:00** SEX DIFFERENCES IN THE ASSOCIATIONS OF MEASURES OF ARTERIAL STIFFNESS AND LOAD WITH LEFT VENTRICULAR HYPERTROPHY AND REMODELING

T Coutinho, IJ Kullo

**CCS HIGHLIGHTED POSTER SESSION**

**Imaging in Valvular Heart Disease**

**17:30 – 18:30**

COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE A

**Co-Chair:** Ian Burwash

**FRIDAY, OCTOBER 18****VASCULAR SUMMIT MORNING PLENARY**

**09:00 – 10:30**

PCM 517 ABC

THE FLOW OF LIFE: CAN WE TAME THE HOT, STICKY AGING VESSEL TO BECOME YOUNG AGAIN?

Peter Liu

**CACR PANEL SESSION**

**09:00 – 10:30**

PCM 511 ABC

CLINICAL UPDATES: NEW AND EMERGING TRENDS IN CARDIOLOGY AND CARDIAC SURGERY—WHAT EVERY REHABILITATION SPECIALIST NEEDS TO KNOW

**Panelist:** Lyall Higginson

**Chair:** Bob Reid

**CCS POSTER SESSION**

**Clinical Electrophysiology**

**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**15:30 – 16:30** CLINICAL VALUE OF THE INHERITED ARRHYTHMIA CLINIC: AN EIGHT YEAR EXPERIENCE IN OTTAWA

AY Chan, MM Sadek, J Rutberg, MS Green, MH Gollob

**CCS POSTER SESSION**

**More Genes, Proteins and Heart Function**

**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**15:30 – 16:30** NOVEL PHYSICALLY CROSS-LINKED COLLAGEN HYDROGEL FOR CARDIOVASCULAR TISSUE REGENERATION

JM Ranieri, DT Padavan, C Ghem, DJ Stewart, M Ruel, EJ Suuronen

**15:30 – 16:30** OVER-EXPRESSION OF GLYOXALASE-1 PREVENTS DIABETIC CARDIOMYOPATHY IN A MOUSE MODEL OF TYPE 1 DIABETES

B Vulesevic, A Ahmadi, B McNeill, RW Milne, EJ Suuronen

**15:30 – 16:30** A COLLAGEN-CHITOSAN INJECTABLE HYDROGEL IMPROVES VASCULARIZATION AND CARDIAC REMODELING IN A MOUSE MODEL OF CHRONIC MYOCARDIAL INFARCTION

A Ahmadi, B Vulesevic, M Ruel, EJ Suuronen

**CANADIAN SOCIETY OF CARDIAC SURGEONS (CSCS) SURGERY POSTER SESSION I**

**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**10:30 – 11:30** IMPACT OF MILD ACUTE KIDNEY INJURY FOLLOWING CARDIAC SURGERY

E Elmistekawy, B McDonald, C Hudson, M Ruel, T Mesana, V Chan, M Boodhwani

**CSCS SURGERY POSTER SESSION II**

**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**10:30 – 11:30** VALVE PROSTHESIS SELECTION IN PATIENTS WITH LEFT-SIDED ENDOCARDITIS

E Elmistekawy, A Ahrari, M Ruel, T Mesana, V Chan

**CSCS SURGERY POSTER SESSION III**

**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**10:30 – 11:30** AORTIC VALVE REPAIR IN ACUTE TYPE-A AORTIC DISSECTION

R Saczkowski, T Malas, G El Houry, T Mesana, M Boodhwani

**10:30 – 11:30** MID-TERM CLINICAL AND ECHOCARDIOGRAPHIC OUTCOMES OF BENTALL AND AORTIC VALVE SPARING ROOT REPLACEMENT: A PROPENSITY MATCHED ANALYSIS

HD Toeg, RV Rao, K Chan, T Al-Atassi, M Ruel, T Mesana, V Chan, M Boodhwani

**10:30 – 11:30** NORMOTHERMIA IS ASSOCIATED WITH REDUCED KIDNEY AND BRAIN INJURY DURING CARDIOPULMONARY BYPASS

N Saleem, R Saczkowski, C Hudson, M Ruel, F Rubens, V Chan, P Hendry, M Boodhwani

**CANADIAN STROKE CONGRESS POSTER SESSION**

**09:30 – 18:30**

COMMUNITY FORUM (PCM 220 A – E)

**12:30 – 14:00** A ‘REDUCE-TO-QUIT’ PILOT PROGRAM FOR SMOKERS WITH CEREBROVASCULAR DISEASE: TRANSITIONING SMOKERS TO SET A QUIT DATE

A Armstrong, R Reid, G Stotts, AL Pipe, D Aitken, KA Mullen, S Papadakis, S Gocan, A Bourgojn, MA Laplante, D Houbraken, M Sharma

**CANADIAN DIABETES ASSOCIATION SYMPOSIUM**

**Implementation of an Integrated Diabetes Management Program within a Cardiac Care Institution**

**10:00 – 12:00**

PCM 510 A – D

**Faculty:** Richard Davies, Kim Twyman

**CANADIAN SOCIETY OF ATHEROSCLEROSIS, THROMBOSIS AND VASCULAR BIOLOGY (CSATVB) HIGHLIGHTED POSTER SESSION**

**10:30 – 11:30**

COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE A

**10:54** COCOONING OF CARDIAC STEM CELLS WITHIN HYDROGEL MICROCAPSULES SUPPLEMENTED WITH INTEGRIN-BINDING PROTEINS PROMOTES CELL SURVIVAL AND IMPROVES ACUTE CELL ENGRAFTMENT

A Mayfield, E Tilokee, B McNeil, B Lam, M Ruel, EJ Suuronen, DW Courtman, DJ Stewart, DR Davis

**CCS ORAL SESSION**

**Priming the Perfect Stem Cell: New Methods**

**11:00 – 12:30**

PCM 516 A

**11:45** INTRA-MYOCARDIAL DELIVERY OF HUMAN CARDIAC STEM CELLS OVER-EXpressING STROMAL CELL-DERIVED FACTOR 1-ALPHA ENHANCES POST-INFARCT CARDIAC FUNCTION

EL Tilokee, N Latham, R Jackson, B Ye, B Lam, M Ruel, EJ Suuronen, DJ Stewart, DR Davis

**12:00** CARDIAC STEM CELLS CULTURED FROM AGED DONORS WITH ISCHEMIC CARDIOMYOPATHY HAVE AN IMPAIRED REGENERATIVE CAPACITY DUE TO ALTERED RESPONSES TO OXIDATIVE STRESS

G Rafatian, M Kamkar, E Tilokee, N Latham, CV Cheng, R Seymour, EJ Suuronen, DR Davis

**12:15** PARACRINE ENGINEERING OF HUMAN CARDIAC STEM CELLS TO OVER-EXPRESS INSULIN-LIKE GROWTH FACTOR-1 PREVENTS CELL DEATH AND ENHANCES ISCHEMIC MYOCARDIAL REPAIR

R Jackson, EL Tilokee, N Latham, B Ye, B Lam, M Ruel, M Boodhwani, FD Rubens, V Chan, TG Mesana, E Suuronen, DJ Stewart, DR Davis

**CCS WORKSHOP**

**ECG Interpretation: Clues for Difficult Cases**

**11:00 – 12:30**

PCM 513 A – C

**Faculty:** Martin Green

**CCS WORKSHOP**

**Surgical Treatment of Thoracic Aortic Disease**

**11:00 – 12:30**

PCM 521 A – C

**Faculty:** Munir Boodhwani

**VASCULAR SUMMIT CONCURRENT SESSIONS**

**Prevention of Vascular Disease and Promotion of Healthy Populations**

**11:00 – 12:30**

PCM 517 D

USING BIOMARKERS TO IDENTIFY THOSE AT RISK

Ruth McPherson

**VASCULAR SUMMIT CONCURRENT SESSIONS**

**Rehabilitation Post Vascular Events**

**11:00 – 12:30**

PCM 210 A

EXERCISE PRESCRIPTION TO OPTIMIZE VASCULAR AND MENTAL HEALTH

Andrew Pipe

Be sure to verify times and locations in the official CCC program.

### CCS HIGHLIGHTED POSTER SESSION

Clinical Case Highlighted Poster

12:30 – 13:30

COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE A

Chair: Christopher Glover

### CCS WORKSHOP

Imaging of Right Heart Function

14:00 – 15:30

PCM 521 A – C

Faculty: Ross Davies, Lisa Mielniczuk, Robert Beanlands, Benjamin Chow

### CCS ORAL SESSION

Interventions in STEMI Reperfusion

14:00 – 15:30

PCM 520 D

Co-Chair: Michel Le May

14:15 THE INFLUENCE OF INITIAL THROMBOLYSIS IN MYOCARDIAL INFARCTION FLOW GRADES ON OUTCOMES OF PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION

E Elbarasi, C Glover, D So, M Froeschl, A Dick, J Marquis, M Labinaz, M Blondeau, M Le May

### CCS ORAL SESSION

The Diseased Cardiomyocyte: Cellular Mechanisms of Dysfunction and Recovery

14:00 – 15:30

PCM 512 DH

15:00 ELEVATED FATTY ACID AND GLUCOSE UPTAKE IN RIGHT VENTRICLE IN A SUGEN 5416/HYPOXIA RAT MODEL OF SEVERE PULMONARY ARTERY HYPERTENSION

K Drozd, Y Deng, B Jiang, J Lockwood, SL Thorn, R Klein, DJ Stewart, RS Beanlands, RA deKemp, JN DaSilva, LM Mielniczuk

### VASCULAR SUMMIT ORAL SESSION

General Prevention of Vascular Disease & Promotion of Healthy Populations

14:00 – 15:30

PCM 517 D

Co-Chair: Andrew Pipe

### VASCULAR SUMMIT ORAL SESSION

Inter-Disciplinary Management of the Complex Patient

14:00 – 15:30

PCM 210 E

### FEATURED RESEARCH

14:15 ARTERIAL STIFFNESS IS ASSOCIATED WITH INCREASE IN BLOOD PRESSURE AND HYPERTENSION SEVERITY OVER TIME IN TREATED HYPERTENSIVES

T Coutinho, IJ Kullo

### VASCULAR SUMMIT ORAL SESSION

Vascular Cognitive Impairment

14:00 – 15:30

PCM 518 A – C

15:00 IS TYPE D PERSONALITY A STABLE TRAIT? NOT IF YOU PARTICIPATE IN CARDIAC REHABILITATION

H Tulloch, V Tasse, P Greenman, F Zachariades

### CSCS ORAL SESSION

CABG

14:00 – 15:30

PCM 520 A

Co-Chair: Fraser Rubens

14:30 CAN MINIMALLY INVASIVE CORONARY ARTERY BY-PASS GRAFTING BE INITIATED AND PRACTICED SAFELY? LEARNING CURVE OF SMALL THORACOTOMY CABG

D Une, H Lapierre, B Sohmer, V Rai, M Ruel

### CANADIAN SOCIETY OF CLINICAL PERFUSION (CSCP) SCIENTIFIC SESSION III

14:00 – 17:00

PCM 512 AE

14:30 HEARTMATE II AND HEARTWARE HVAD—UNIVERSITY OF OTTAWA HEART INSTITUTE EXPERIENCE

Gurinder Gill

### CCS WORKSHOP

CCS Guidelines: 2013 Position Statement on

the Management of Thoracic Aortic Disease

16:00 – 17:30

PCM 521 A – C

Faculty: Munir Boodhwani

## SATURDAY, OCTOBER 19

### CANADIAN HEART RHYTHM SOCIETY ALLIED PROFESSIONAL EDUCATION SESSION

08:00 – 11:00

PCM 510 B

09:30 "IS THE PATIENT DEPENDENT?" ...IT DEPENDS!!!

Adrienne Taylor, Lorraine Clark

### JOINT CCS/ACC SYMPOSIUM

Complex Revascularization—How to Do the Best for our Patients

09:00 – 10:30

PCM 524 A – C

TOTAL ARTERIAL GRAFTING AT CABG: REACHING THE 100% AND 0%

Marc Ruel

### CCS WORKSHOP

Pulmonary Hypertension: A Case-Based Approach to Investigation and Management for the Cardiovascular Clinician

09:00 – 10:30

PCM 522 A – C

Faculty: Lisa Mielniczuk, Ross Davies

### CCS ORAL SESSION

Imaging Applications: Identifying and Understanding Non-Ischemic Disease

09:00 – 10:30

PCM 510 AC

10:15 DIFFERENT CHARACTERISTICS OF DISEASE DETECTION BETWEEN 18F-FLUORODEOXYGLUCOSE-POSITRON EMISSION TOMOGRAPHY (FDG-PET) AND CARDIAC MAGNETIC RESONANCE (CMR) IN PATIENTS WITH CONDUCTION DISEASE DUE TO CARDIAC SARCOIDOSIS

H Ohira, D Birnie, B Mc Ardle, E Leung, K Yoshinaga, I Tsujino, T Sato, J Bernick, G Wells, R Klein, A Guo, L Garrard, T Ruddy, B Chow, R Davies, R Hessian, K Kingsbury, RS Beanlands, PB Nery

### CCS POSTER SESSION

CAD Interventional

09:30 – 18:30

COMMUNITY FORUM (PCM 220 A – E)

15:30 – 16:30 SHORTER DOOR TO BALLOON TIMES ARE EQUALLY IMPORTANT IN ELDERLY STEMI PATIENTS

JG Abunassar, M Labinaz, DY So, A Dick, C Glover, M Froeschl, J Marquis, GA Wells, M Blondeau, MR Le May

15:30 – 16:30 CLINICAL OUTCOMES IN PATIENTS TREATED WITH THERAPEUTIC HYPOTHERMIA WITHIN THE CONTEXT OF A REGIONAL CARDIAC ARREST PROGRAM

C Osborne, M Le May, C Glover, D So, A Dick, J Marquis, M Froeschl, M Labinaz

15:30 – 16:30 DESCRIPTION OF THE RELATIONSHIP BETWEEN FRAILITY AND INTENSIVE CARE MORBIDITY FOLLOWING TRANS-CATHETER AORTIC VALVE IMPLANTATION (TAVI)

L Montoya, C Hudson, J Macdonald, M Labinaz, M Ruel, B McDonald

### CCS POSTER SESSION

EKG, Clinical Presentation and Treatments in ACS

09:30 – 18:30

COMMUNITY FORUM (PCM 220 A – E)

15:30 – 16:30 CLINICAL OUTCOMES OF PATIENTS CLASSIFIED AS FALSE ACTIVATION OF CATHETERIZATION LABORATORY IN A REGIONAL PRIMARY ANGIOPLASTY PROGRAM

N Ismaeil, CA Glover, D So, M Froeschl, A Dick, J Marquis, M Labinaz, M Blondeau, MR Le May

15:30 – 16:30 WARFARIN PRESCRIPTION FOLLOWING ST-ELEVATION MYOCARDIAL INFARCTION: NEED FOR A CHANGE?

S Acharya, G Wells, A Dick, M Froeschl, C Glover, J Marquis, M Labinaz, D So, M Blondeau, J Bernick, M Le May

### CCS POSTER SESSION

Imaging in Ischemic and Vascular Disease

09:30 – 18:30

COMMUNITY FORUM (PCM 220 A – E)

15:30 – 16:30 CAN BODY MASS INDEX AND BODY SURFACE AREA AS MEASURES OF OBESITY PREDICT CORONARY ARTERY CALCIFICATION?

A Aljizeeri, A Lee, S Aliyari Ghraboghly, B Chow

15:30 – 16:30 IN VIVO AND EX VIVO IMAGING DEMONSTRATE EFFECTIVE INJECTION AND RETENTION OF A COLLAGEN MATRIX IN A MOUSE MODEL OF MYOCARDIAL INFARCTION

A Ahmadi, S Thorn, M Kordos, DT Padavan, T Hadizad, GO Cron, RS Beanlands, JN DaSilva, M Ruel, EJ Suuronen, RA deKemp

15:30 – 16:30 [18F]FPYKYNE- LOSARTAN AT1 RECEPTOR BINDING IS REDUCED IN CHRONIC KIDNEY DISEASE RAT MODEL WITH PET IMAGING

B Ismail, T Hadizad, N Arksey, R Dekemp, R Beanlands, J Dasilva

### CCS POSTER SESSION

Imaging: Utility of Echo in Valvular Heart Disease

09:30 – 18:30

COMMUNITY FORUM (PCM 220 A – E)

15:30 – 16:30 INTRA-OPERATIVE ECHOCARDIOGRAPHIC MEASURES IN PREDICTING FUNCTIONAL MITRAL STENOSIS FOLLOWING MITRAL VALVE REPAIR FOR DEGENERATIVE MITRAL REGURGITATION

K Chan, B Lam, T Mesana, M Hynes

### CCS POSTER SESSION

Prevention and Rehabilitation—Risk Assessment

09:30 – 18:30

COMMUNITY FORUM (PCM 220 A – E)

10:30 – 11:30 METABOLIC SYNDROME AND PREDICTION OF FATAL AND NON-FATAL CARDIOVASCULAR EVENTS IN A NEWFOUNDLAND POPULATION: PRELIMINARY FINDINGS FROM THE NFLD METSYN FOLLOW-UP STUDY

P Turton, G Fodor, B Sussex, D McKay, V Gadag

### CCS POSTER SESSION

Clinical Cases

09:30 – 18:30

COMMUNITY FORUM (PCM 220 A – E)

MYOCARDIAL RUPTURE IN SYSTEMIC SENILE AMYLOIDOSIS

B Banihashemi, A Paliga, M Froeschl

### CCS HIGHLIGHTED POSTER SESSION

Novel Therapeutic Approach in ACS

10:30 – 11:30

COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE A

10:30 CD34+ CELLS WITH UP-REGULATED CELL CYCLE GENES AND ENHANCED ANGIOGENIC POTENTIAL CAN BE EXPANDED ON A COLLAGEN MATRIX

H Chiarella-Redfern, B McNeill, M Ruel, K Rayner, EJ Suuronen

10:42 SAFETY AND EFFICACY OF BIVALIRUDIN DURING PRIMARY PCI IN CONJUNCTION WITH THERAPEUTIC HYPOTHERMIA FOR SURVIVORS OF OUT-OF-HOSPITAL CARDIAC ARREST

M Qutub, C Osborne, M Labinaz, C Glover, D So, A Dick, J Marquis, M Froeschl, M Le May

10:54 TYPE I COLLAGEN MATRIX ACTIVATES THE HEDGEHOG PATHWAY IN CD34+ CELLS AND ENHANCES THEIR FUNCTION

A Ostojic, B McNeill, M Ruel, EJ Suuronen

### CIHR/ICRH DISTINGUISHED LECTURE IN CARDIOVASCULAR SCIENCES

11:00 – 12:30

PCM 510 AC

Announcement of the Trainee Research Award Winners: David Birnie

Be sure to verify times and locations in the official CCC program.

## CANADIAN COUNCIL OF CARDIOVASCULAR NURSES (CCCN) CONCURRENT SESSIONS 2

**ACS**  
**11:00 – 12:30**  
PCM 512AE

**11:05** UNDERSTANDING TRANSITIONAL CARE  
K Eastwood, C Struthers, B Bowes, H Sherrard

**11:55** INPATIENT MANAGEMENT OF ACUTE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION (STEMI) AT A NON-INTERVENTIONAL HOSPITAL  
K Park, J McKechnie, K Gorle

## CANADIAN HYPERTENSION CONGRESS CLINICAL SESSION 4

**11:00 – 12:30**  
PCM 520 BE

**11:45** EVALUATION OF THE "GIVE YOUR HEAD A SHAKE" SODIUM REDUCTION CAMPAIGN: TWO YEAR RESULTS ON CAMPAIGN EFFECTS ON KNOWLEDGE, ATTITUDES AND BEHAVIOURS RELATED TO SODIUM CONSUMPTION  
Sophia Papadakis

## CCS HIGHLIGHTED POSTER SESSION

**CAD Interventional**  
**12:30 – 13:30**  
COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE B

**13:06** GLYCOGEN SYNTHASE KINASE-3 INHIBITION ENHANCES C-KIT+ CELL PROLIFERATION AND POST-ISCHEMIC CARDIAC REPAIR  
OE Qassim, M Kamkar, A Molgat, MM Jambi, B Ye, N Latham, DR Davis

## CARDIOVASCULAR TRAINEE DAY CONCURRENT WORKSHOPS

**13:10 – 14:10**  
WESTIN (RAMEZAY)

FOCUS ON TRANSLATION: HOW TO KEEP YOUR SCIENCE CLINICALLY-RELEVANT  
Marc Ruel

## CCCN POSTER PRESENTATIONS

**13:15 – 14:00**  
COMMUNITY FORUM

THE HBA1C SCREENING ALGORITHM: DETECTING DIABETES AMONG CARDIOLOGY INPATIENTS  
A Brunette, J McKechnie

BRIDGING THE GAP BETWEEN TELEMETRY PATIENTS AND THE CARDIAC NURSES WHO MONITOR THEM  
M Krauter, J McKechnie, K Gorle

RENAL SYMPATHETIC DENERVATION: THE NURSING EXPERIENCE  
P Middleton, D Bond, E Proulx, M Nelson

DIASTOLIC HEART FAILURE: THE HEART FAILURE OF THE FUTURE  
G Inglis, M Nelson

## CCS DEBATES

**Current Controversies in Cardiovascular Sciences**  
**14:00 – 15:30**  
PCM 524 A – C

ATRIAL FIBRILLATION ABLATION WILL WITHSTAND THE TEST OF TIME AND INCREASE IN USE IN THE NEXT DECADE  
Lyll Higginson

## CCS ORAL SESSION

**Systemic and Cellular Aspects of CAD**  
**14:00 – 15:30**  
PCM 510 AC

**14:30** THE REGENERATIVE CAPACITY OF CARDIAC STEM CELLS INVERSELY CORRELATES WITH RISK FACTORS FOR CORONARY ARTERY DISEASE  
M Fitzpatrick, N Latham, EL Tilokey, GA Wells, K Lam, M Ruel, DR Davis

## CCS ORAL SESSION

**Imaging to Predict Prognosis in Mitral and Aortic Valve Disease**  
**14:00 – 15:30**  
PCM 520 D

Co-Chair: Kwan-Leung Chan

## CSCS ORAL SESSION

**Aorta/TAVI/Aortic Valves**  
**14:00 – 15:30**  
PCM 510 B

**14:15** ALTERATIONS IN AORTIC ROOT GEOMETRY IN BICUSPID AORTIC INSUFFICIENCY VERSUS STENOSIS: IMPLICATIONS FOR VALVE REPAIR  
T Al-Atassi, M Hynes, B Sohmer, K Lam, T Mesana, M Boodhwani

**14:30** IS AORTIC VALVE REPAIR REPRODUCIBLE? ANALYSIS OF THE LEARNING CURVE FOR AORTIC VALVE REPAIR  
T Malas, S Chaudry, B Sohmer, M Ruel, T Mesana, M Boodhwani

## CCCN CONCURRENT SESSIONS 3

**Cardiovascular Care**  
**14:00 – 15:30**  
PCM 512BF

**14:25** NURSING MANAGEMENT OF PREGNANCY IN ADULT CONGENITAL HEART DISEASE  
J Morin, L Lynch

## SPC SYMPOSIUM

**Evolution and Revolution: State-of-the-Art in 2013**  
**16:00 – 17:30**  
PCM 524 A – C

USE OF BIOMARKERS IN CARDIOVASCULAR CARE: YESTERDAY, TODAY AND TOMORROW  
Peter Liu

## CSCS ORAL SESSION

**Mitral Valve**  
**16:00 – 17:30**  
PCM 510 AC

**16:15** PERIOPERATIVE MORTALITY FOLLOWING MITRAL VALVE SURGERY MAY BE OVERESTIMATED BY CONTEMPORARY RISK MODELS  
V Chan, A Ahrari, M Ruel, E Elmestekawy, T Mesana

**17:15** IMPACT OF ETIOLOGY ON LONG-TERM OUTCOMES FOLLOWING EDGE-TO-EDGE REPAIR OF REGURGITANT ATRIOVENTRICULAR VALVES  
V Chan, A Ahrari, M Ruel, E Elmestekawy, T Mesana

## CCS HIGHLIGHTED POSTER SESSION

**Education Methods Impacting Cardiovascular Care**  
**17:30 – 18:30**  
COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE A

Co-Chair: Paul Hendry

## CSCS SURGERY HIGHLIGHTED POSTER II

**17:30 – 18:30**  
COMMUNITY FORUM, HIGHLIGHTED POSTER THEATRE B

**17:30** EFFECTS AND MECHANISTIC CORRELATES OF USING A LIQUEFIED, INJECTABLE PORCINE SUBMUCOSA EXTRACELLULAR MATRIX, WITH OR WITHOUT ANGIOGENIC CELLS, IN A MYOCARDIAL SCAR MODEL  
R Tiwari-Pandey, H Toeg, R Seymour, A Ahmadi, S Crowe, B Vulesevic, E Suuronen, M Ruel

**17:42** FINDING THE IDEAL BIOMATERIAL FOR AORTIC VALVE CUSP REPAIR  
HD Toeg, O Abessi, T Al-Atassi, L de Kerchove, G El-Khoury, M Labrosse, M Boodhwani

## CDA ABSTRACT POSTER SESSION

**17:30 – 18:30**  
COMMUNITY FORUM (PCM 220 A – E)

DEFINING A NOVEL PATHWAY TO LIPODYSTROPHY  
ANASTASIA PIMENOVA  
Patrick Burgon

## CANADIAN NUCLEAR CARDIOLOGY SOCIETY

**Robert Burns Memorial Lecture**  
**18:30 – 19:30**  
PCM 513 F

CLINICAL APPLICATIONS OF CARDIOVASCULAR MOLECULAR IMAGING  
Terrence Ruddy

# SUNDAY, OCTOBER 20

## CSCS ORAL SESSION

**ICU/System/Education**  
**08:00 – 10:00**  
PCM 518 AB

**TRAINEE RESEARCH AWARD FINALIST—BASIC SCIENCE**  
**09:45** INTEGRIN  $\alpha 2\beta 1$  IS REQUIRED FOR SYNERGISTIC EFFECT OF CELLS AND MATRIX THERAPY IN IMPROVING THE PERFUSION, VIABILITY AND FUNCTION OF INFARCTED HEARTS  
A Ahmadi, B McNeill, B Vulesevic, M Kordos, L Mesana, S Thorn, JM Renaud, E Manthorp, D Kuraitis, H Toeg, TG Mesana, RS Beanlands, JN DaSilva, RA deKemp, M Ruel, EJ Suuronen

## CCS WORKSHOP

**Imaging Heart Failure: Current and Future Applications**  
**09:00 – 10:30**  
PCM 522 A – C

Faculty: Lisa Mielniczuk

## CCS ORAL SESSION

**Basic Science in ACS and Scar Healing**  
**09:00 – 10:30**  
PCM 525 A – B

**09:00** INTEGRIN  $\alpha 5$  MEDIATES THE PROANGIOGENIC POTENCY OF CIRCULATING ANGIOGENIC CELLS CULTURED ON COLLAGEN MATRICES  
B McNeill, B Vulesevic, M Ruel, EJ Suuronen

**09:15** COLLAGEN MATRICES ENHANCE CIRCULATING ANGIOGENIC CELL FUNCTION THROUGH INCREASED SENSITIVITY TO CYSTEINE-RICH ANGIOGENIC INDUCER 61 (CYR-61) VIA INTEGRIN  $\alpha V$   
B McNeill, B Vulesevic, M Ruel, EJ Suuronen

**09:30** COLLAGEN MATRIX STIMULATES TAL-1 EXPRESSION AND ENHANCES CIRCULATING ANGIOGENIC CELL FUNCTION  
C Ghem, B McNeill, B Vulesevic, M Brand, EJ Suuronen

**09:45** TIME OF DELIVERY INFLUENCES THE EFFICACY OF COLLAGEN MATRIX THERAPY FOR MYOCARDIAL INFARCTION  
NJ Blackburn, T Sofrenovic, D Kuraitis, A Ahmadi, K McEwan, D Padavan, B McNeill, KJ Rayner, M Ruel, EJ Suuronen

**10:00** OVER-EXPRESSION OF GLYOXALASE-1 REDUCES ISCHEMIC INJURY AND IMPROVES CARDIAC FUNCTION POST-MI  
NJ Blackburn, B Vulesevic, A Ahmadi, B McNeill, RW Milne, EJ Suuronen

## CCCN CONCURRENT SESSIONS 5

**Cardiovascular Care**  
**09:00 – 10:30**  
PCM 511C

**09:10** CHRONIC TOTAL OCCLUSIONS: IS THERE LIGHT AT THE END OF THE TUNNEL? NURSING IMPLICATIONS  
Erika MacPhee

## CCCN CONCURRENT SESSIONS 5

**Nursing Education**  
**09:00 – 10:30**  
PCM 512AE

**09:10** THE IMPLEMENTATION OF 'EMERGENT CHAMPIONS' ON A STEP-DOWN CARDIAC WARD: FACILITATING A PROACTIVE CULTURE OF SELF-LEARNING  
S Rodriguez, M Leung, A Charlebois, J Sellick, M Haldorsen

**09:35** THE CHALLENGE OF PREVENTING CONTRAST INDUCED NEPHROPATHY IN THE CARDIAC PATIENT  
K Pyne, C MacKenzie

## CCCN CONCURRENT SESSIONS 5

**Oral Poster**  
**09:00 – 10:30**  
PCM 512AE

**10:00** ELECTRIFYING THE CARDIOVERSION EXPERIENCE  
D Zabiela, K Charron, G Chong, N Gray

Be sure to verify times and locations in the official CCC program.

#### CSCP SCIENTIFIC SESSION 6

09:00 – 12:30

PCM 516 A

10:00 OTTAWA MODEL FOR LVAD PATIENT CARE—ROLE OF THE CLINICAL PERFUSIONIST  
Andrei Babaev

#### CCS CLINICAL SNAPSHOTS FROM THE LAB

11:00 – 12:30

PCM 519 A – B

Co-Chair: Marc Ruel

#### CCS WORKSHOP

Evolution of Critical Care Cardiology

11:00 – 12:30

PCM 522 A – C

Faculty: Michel Le May

#### CCCN CONCURRENT SESSIONS 6

Heart Failure

11:00 – 12:00

PCM 511F

11:00 USING IVR TECHNOLOGY FOR IMPROVED SELF-CARE IN HEART FAILURE PATIENTS—TARGETED INTERVENTIONS FOR MAXIMUM BENEFITS  
D Smaglinski, C Struthers

Be sure to verify times and locations in the official CCC program.