



Saturday, October 21

16:30 – 18:00

WELCOME RECEPTION AND OPENING OF THE EXHIBITS (WITH POSTER SESSIONS)

Exhibit Hall, VCEC

14:00 – 16:00

PREV

EP

CC



CCC OPENING CEREMONIES AND HSFC LECTURE

A Heart-Stopping Story: The Future of Emergency Care
Exhibit Hall C, VCEC

Peter Morley, Melbourne, Australia

Sunday, October 22

09:00 – 13:00

MEETING OF THE EXECUTIVE AND COUNCIL

Room 14, Meeting Room Level, VCEC

12:00 – 14:00

CANADIAN JOURNAL OF CARDIOLOGY SYMPOSIUM

Sponsored by the Canadian Cardiovascular Society and Pulsus Group Inc. and presented in collaboration with the University of Ottawa Heart Institute

ASO

CAD

PREV

EP

CC



Genetics and Cardiovascular Disease

Crystal Ballroom, Pan Pacific Hotel

Co-Chairs: Eldon Smith
Robert Roberts

OPENING REMARKS
Eldon Smith

Identifying Genes for Coronary Artery Disease – An Idea Whose Time has Come
Robert Roberts

Genetic Basis For Atrial Arrhythmias
Michael Gollob

Genetic Susceptibility To Obesity; A Candidate Gene Approach
Ruth McPherson

From Genes to Proteins: Novel Biomarkers to Personalize Cardiovascular Medicine
Peter Liu

PANEL DISCUSSION
Robert Roberts

14:00 – 17:00

ASO

136-153

POSTER SESSIONS

Exhibit Hall, VCEC

Poster Board 109

136 CUMULATIVE ANTI-THROMBOTIC EFFECTS OF UNFRACTIONATED HEPARIN ADMINISTERED BY THE ORAL ROUTE FOR 30 DAYS
LM Hiebert, T Ping, SM Wice **DNC**

Poster Board 110

137 CARBOXYPEPTIDASE N IS DECREASED IN NEWBORN PLASMA: DETERMINATION BY DEVELOPMENT OF A NEW LUMINEX® ASSAY PLATFORM
TM Binette, O Pui, JB Walker, L Mitchell, L Bajzar **DNC**

Poster Board 111

138 DOXYCYCLINE PREVENTS LIPOPOLYSACCHARIDE-INDUCED VASCULAR HYPOCONTRACTILITY
J Cena, AK Chow, M Lalu, R Schulz **DNC**

Poster Board 112

139 MEOX1 AND MEOX2 REGULATION OF THE PROLIFERATION AND APOPTOSIS OF VASCULAR SMOOTH MUSCLE CELLS AND ENDOTHELIAL CELLS
JT Wigle, D Cheung, J Douville **DNC**

Poster Board 113

140 TRANSCRIPTOME RESPONSE OF ADIPOSE TISSUE TO DIHYDROTESTOSTERONE IN MICE
Y Zhang, S Blanchette, K Petit, E Calvo, C Martel, J Morissette, V Luu-The, F Labrie, A Tchernof **DNC**

Poster Board 114

141 DEVELOPMENT OF HEMANGIOMA AND HEMANGIOENDOTHELIOMA IN MICE OVEREXPRESSING CALRETICULIN IN VASCULAR SMOOTH MUSCLE CELLS
N Mesaeli, M Durston, M Wiwchar, H Massaeli **DNC**

Poster Board 115

142 A NOVEL ELISA TO ESTIMATE TAFI ACTIVATION IN WHOLE BLOOD
M Mackova, E Roediger, JB Walker, N Jain, P Wang, L Bajzar **DNC**

Learning Tracks

ASO

Atherosclerosis, Basic Vascular

EP

Electrophysiology, Sudden Cardiac Death, Arrhythmology

IMAG

Imaging Techniques, Nuclear Cardiology, MRI, Echo

CAD

Ischemic Heart Disease, ACS, PCI, Stroke

HF

Heart Failure, Heart Function, Cardiomyopathy, Transplant

POLICY

Policy

CONG

Pediatrics, Congenital Heart Disease

HTN

Hypertension, Vascular Biology

PREV

Prevention

SURG

Cardiac Surgery, Anesthesia

CC

Core Curriculum

Disclosure of Conflict of Interest

Disclosed Conflict **DC** Disclosed No Conflicts **DNC**
(Details available upon request)



Poster Board 116

143 EFFECTS OF LOSARTAN ON URINARY SECRETION OF TRANSFORMING GROWTH FACTOR-BETA AND FIBRINOLYTIC REGULATORS IN TYPE 2 DIABETES MELLITUS PATIENTS WITH MICROALBUMINURIA

GX Shen, V Woo, L Ni, D Hak, L Berard, F Zhu, S Khan, GM Ma, B Penner DNC

Poster Board 117

144 GENDER DIFFERENCES IN PLASMA TUMOR NECROSIS FACTOR-ALPHA, INTERLEUKIN-6 AND C-REACTIVE PROTEIN CONCENTRATIONS AFTER A HIGH-FAT MEAL

C Payette, P Blackburn, A Tremblay, J Bergeron, I Lemieux, JP Després, C Couillard DNC

Poster Board 118

145 EFFECT OF ANTI-ATHEROGENIC, THROMBOLYTIC PROTEASE TARGETING SERPINS ON T LYMPHOCYTE

GM Ramanujam, M Shnabel, YM Sun, K Khan, J Richardson, E Dai, D Lomas, A Lucas DNC

Poster Board 119

146 TANAPOX VIRUS TPV-2L PROTEIN, A SECRETED, HIGH-AFFINITY VIRAL TNF INHIBITOR, REDUCES ATHEROSCLEROTIC PLAQUE DEVELOPMENT IN A RAT ANGIOPLASTY INJURY MODEL

LY Liu, E Dai, RM Rahman, R Singh, K Essani, G McFadden, A Lucas DNC

Poster Board 120

147 PLASMA PCSK9 AS A PREDICTOR FOR PCSK9 POLYMORPHISMS ASSOCIATED WITH DYSLIPIDEMIA IN HUMAN PATIENTS

J Mayne, N Kaefer, M Cousins, M Mbikay, TC Ooi, M Chrétien DNC

Poster Board 121

148 INVOLVEMENT OF HEAT SHOCK FACTOR-1 IN GLYCATED LDL-INDUCED EXPRESSION OF PLASMINOGEN ACTIVATOR INHIBITOR-1 IN VASCULAR ENDOTHELIAL CELLS

RZ Zhao, GX Shen DNC

Poster Board 122

149 MECHANISMS OF HOMOCYSTEINE-INDUCED OXIDATIVE STRESS

K O, KK Au-Yeung, CW Woo, YL Siow DNC

17:00 – 18:00

CSATVB TRAINEE NETWORK HAPPY HOUR

Room 19, Meeting Room Level, VCEC

Monday, October 23

08:00 – 10:00

ORAL SESSION I

Atherosclerosis

Room 13, Meeting Room Level, VCEC

ASO 173-178

Includes Presentation by Dr. Stewart Whitman, Recipient of the 2004 New Investigator Grant in Aid

Co-Chairs: Avrum Gotlieb David Granville

08:00

173 ELUCIDATION OF THE ANTI-INFLAMMATORY VIRAL SERPIN SERP-1'S CELLULAR ASSOCIATION AND MODULATION OF MONOCYTE ADHESION THROUGH DIFFERENTIAL EXPRESSION OF THE ACTIN BINDING

J Richardson, K Viswanathan, G Ganesh, B Togonu-Bickersteth, P Vatsya, P O'Connell, A Lucas DNC

08:15

174 GRANZYME B IS EXPRESSED IN MACROPHAGE FOAM CELLS AND PLAYS A KEY ROLE IN ATHEROSCLEROSIS

RP Cruz, H Zhao, BM McManus, DJ Granville DNC

08:30

175 M-T7, A VIRAL CHEMOKINE MODULATING PROTEIN (VCMP) INHIBITS PLAQUE GROWTH THROUGH INTERRUPTION OF CHEMOKINE: GAG INTERACTIONS

E Dai, LY Liu, K Viswanathan, GM Ramanujam, J Esko, I Charo, A Lucas DNC

08:45

176 VASCULAR REMODELING OF ATHEROGENIC PROTEOGLYCANS BIGLYCAN AND DECORIN IN AORTA OF THE INSULIN RESISTANT JCR:LA-CP RAT MODEL OF THE METABOLIC SYNDROME

R Mangat, C Dodd, JC Russell, PG Scott, SD Proctor DNC

09:00

177 THE MAJORITY OF NEOINTIMAL CELLS IN ARTERIAL ALLOGRAFTS WITH OR WITHOUT STENTS ARE OF RECIPIENT ORIGIN

X Ma, B Hibbert, D White, R Seymour, SC Whitman, ER O'Brien DNC

09:15

178 DEFICIENCY OF TDAG51 PROMOTES MIGRATION AND GROWTH OF MOUSE EMBRYONIC FIBROBLASTS

GS Hossain, J Dickhout, J Zhou, CA McCulloch, L May, H Al-Bayati, J Rho, RC Austin DNC

CSATVB SCATBV

Learning Tracks

Table with 3 columns: ASO (Atherosclerosis, Basic Vascular), EP (Electrophysiology, Sudden Cardiac Death, Arrhythmology), IMAG (Imaging Techniques, Nuclear Cardiology, MRI, Echo Policy); CAD (Ischemic Heart Disease, ACS, PCI, Stroke), HF (Heart Failure, Heart Function, Cardiomyopathy, Transplant), POLICY; CONG (Pediatrics, Congenital Heart Disease), HTN (Hypertension, Vascular Biology), PREV (Prevention), SURG (Cardiac Surgery, Anesthesia)

CC Core Curriculum

Disclosure of Conflict of Interest

Disclosed Conflict DC Disclosed No Conflicts DNC (Details available upon request)



09:00 – 10:00

STATE-OF-THE-ART LECTURE

HDL Cholesterol – From Bench to Population Health
Jacques Genest Jr

Exhibit Hall C, VCEC



Chair: Todd Anderson

10:30 – 11:00

REFRESHMENT BREAK, POSTER PRESENTATION AND EXHIBITION

Exhibit Hall, VCEC

10:30 – 12:00

SYMPOSIUM I

Supported by Pfizer Canada

Macro- and Micro-Vascular Disease and Insulin Resistance

Room 13, Meeting Room Level, VCEC

Chair: James C. Russell

Platelet Physiology, Pathology and Nanopharmacology: Focus on Diabetes Mellitus
Marek W Radomski

The Way We Live (and Die): Lessons from Fat Rats for 21st Century Humans
Gareth Williams

Adipokines as Molecular Links Between Obesity, Insulin Resistance and Atherosclerosis in Metabolic Syndrome
David Lau

11:00 – 12:30

PUBLIC POLICY SESSION

It Takes a Country: Improving Access to Care for Canadians

Exhibit Hall C, VCEC



Chair: Blair O'Neill

Presenters: Wilbert Keon
Penny Ballem

Through its Access to Care Working Group, the CCS has established wait-time benchmarks for a wide range of cardiovascular services and procedures along the entire continuum of care. Our goal is to ensure that all heart patients receive the care they need, when they need it. To make this goal a reality, we need leadership and cooperation at all levels of the health system, from federal and provincial policy-makers, hospital administrators and front-line health care providers. Come join us to hear a lively discussion of the challenges, some opportunities and some practical examples of how to shorten the patient's journey through our cardiovascular health care system.

12:30 – 14:00

LUNCH, POSTER PRESENTATION AND EXHIBITION

Exhibit Hall, VCEC

13:30 – 15:00

SYMPOSIUM II

Supported by Pfizer Canada

Contributions of Cholesterol to Macrophage Foam Cell Formation and Injury: Atherogenesis Reborn

Room 13, Meeting Room Level, VCEC

Chair: Richard C Austin

Insight and Feedback Regulation of Cholesterol Synthesis
Guosheng Liang

Macrophage Foam Cell Formation Mediated by Receptor-Independent Uptake of LDL
Howard S Kruth

Pattern Recognition Receptors as Contributors to Macrophage Apoptosis under Conditions of ER-Stress
Tracie Seimon

15:30 – 16:00

REFRESHMENT BREAK, POSTER PRESENTATION AND EXHIBITION

Exhibit Hall, VCEC

16:00 – 17:30

ORAL SESSION II

Vascular Biology/Thrombosis

Room 13, Meeting Room Level, VCEC



16:00

446 FAVORABLE CHANGE IN PLASMA MMP-9 FOLLOWING LOW-CALORIE CRANBERRY JUICE CONSUMPTION IN MEN
GR Ruel, SP Pomerleau, PC Couture, SL S Lemieux, BL Lamarche, CC Couillard **DNC**

16:15

447 MICRO-ULTRASOUND IMAGING OF ATHEROSCLEROSIS AND ATHEROSCLEROTIC ANEURYSM DEVELOPMENT IN APOE KNOCKOUT MICE AFTER ANGIOPLASTY; PERSISTENT EARLY ANEURYSMAL CHANGE AFTER INJURY
L Petrov, M Bygrave, E Dai, L Liu, A Fenster, A Lucas **DNC**

16:30

448 FUNCTIONAL CHARACTERIZATION OF EARLY VERSUS LATE EPCS IN A NUDE RAT MODEL OF PULMONARY HYPERTENSION
ML Ormiston, YP Deng, DJ Stewart, DW Courtman **DC**

16:45

449 ALTERED EXTRACELLULAR MATRIX (ECM) IN UNSTABLE CAROTID PLAQUE; AN OPTICAL SPECTROSCOPY & MICROARRAY GENE ANALYSIS STUDY
RM Korol, PB Canham, L Liu, K Viswanathan, G Ferguson, R Hammond, M Quantz, HM Finlay, R Hegele, AR Lucas **DNC**

Learning Tracks

- ASO** Atherosclerosis, Basic Vascular
- CAD** Ischemic Heart Disease, ACS, PCI, Stroke
- CONG** Pediatrics, Congenital Heart Disease

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- HF** Heart Failure, Heart Function, Cardiomyopathy, Transplant
- HTN** Hypertension, Vascular Biology

- IMAG** Imaging Techniques, Nuclear Cardiology, MRI, Echo
- POLICY** Policy
- PREV** Prevention
- SURG** Cardiac Surgery, Anesthesia

CC Core Curriculum

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- 17:00** **450** HUMAN PERIPHERAL BLOOD-DERIVED CD133+ PROGENITOR CELLS: ELUCIDATION OF ANGIOGENIC PROPERTIES AND COMPARISON WITH OTHER HUMAN PROGENITOR CELL POPULATIONS
S Wong, EJ Suuronen, M Ruel **DNC**
- 17:15** **451** A NOVEL AND HIGHLY SENSITIVE FUNCTIONAL ASSAY FOR QUANTITATION OF CIRCULATING TAFIA CONCENTRATIONS IN PLASMA
JB Walker, AM Klompas, BA Stauffer, FB Taylor Jr., TM Binette, L Bajzar **DNC**
- 19:00 – 23:00** **VANCOUVER NIGHT** (ticket required)
Regency Ballroom, Hyatt Regency, VCEC

- 09:00** **466** INSULIN RESISTANCE AND ADIPOCYTE CHARACTERISTICS IN HEALTHY WOMEN
K Blouin, C Bélanger, C Richard, P Laberge, M Daris, S Noël, A Tchernof **DNC**
- 09:15** **467** CYR61 GENE POLYMORPHISMS ARE ASSOCIATED WITH SOME FEATURES OF THE METABOLIC SYNDROME IN MORBIDLY OBESE SUBJECTS
L Bouchard, A Tchernof, Y Deshaies, S Lebel, FS Hould, P Marceau, MC Vohl **DNC**
- 09:30** **468** ENDOPLASMIC RETICULUM STRESS CAN CAUSE LIPID ACCUMULATION THROUGH THE ACTIVATION OF STEROL REGULATORY ELEMENT BINDING PROTEINS
SM Colgan, S Lhotak, GH Werstuck, D Tang, RC Austin **DNC**

Tuesday, October 24

08:00 – 09:45 **ORAL SESSION III**
Lipids and Metabolism
Room 13, Meeting Room Level, VCEC

ASO
462-468

Chair: John Hill

- 08:00** **462** INFLUENCES OF THE PHOPHATIDYLCHOLINE TRANSFER PROTEIN GENE VARIANTS ON THE LDL PEAK PARTICLE SIZE
G Dolley, MT Berthier, JP Després, C Bouchard, L Pérusse, MC Vohl **DNC**
- 08:15** **463** EFFECTS OF ENDURANCE EXERCISE TRAINING ON ELECTROPHORETIC CHARACTERISTICS OF LDL PARTICLES: THE HERITAGE FAMILY STUDY
P Blackburn, B Lamarche, T Rankinen, AS Leon, DC Rao, JS Skinner, JH Wilmore, C Bouchard, JP Després **DNC**
- 08:30** **464** APOE-/- MICE DEFICIENT IN TDAG51 EXHIBIT ATTENUATED ATHEROGENESIS AND INCREASED HEPATIC STEATOSIS
GS Hossain, J Zhou, S Lhotak, SK Sood, K Maclean, J Rho, RC Austin **DNC**
- 08:45** **465** EFFECTIVENESS OF MEDICATION RECOMMENDATION FROM A SPECIALIST CLINIC ON PRIMARY CARE
AN Farias Godoy, CK Kwan, A Ignaszewski, SA Lear **DNC**

09:00 – 09:45 **JOHN KEITH LECTURE**
Kawasaki Disease 2006
Jane Newburger, Boston, USA
Exhibit Hall C, VCEC

CONG
CC

Chair: Marie Béland

09:45 – 10:30 **WILFRED G BIGELOW LECTURE**
(Developed in collaboration with CSCS)
Challenge, Change and Choice – The Life and Hard Times of a Coronary Surgeon
Bernard Goldman
Exhibit Hall C, VCEC

SURG
CC

10:30 – 11:00 **REFRESHMENT BREAK, POSTER PRESENTATION AND EXHIBITION**
Exhibit Hall, VCEC

10:30 – 12:00 **SYMPOSIUM III**
Supported by Pfizer Canada
PCSK9-An Exciting New Story in Atherosclerosis
President's Symposium
Room 13, Meeting Room Level, VCEC

Chair: Teik C Ooi

Proprotein Convertases – Implications in Human Diseases
Michel Chretien

PCSK9: The Ninth Member of the Proprotein Convertase Family and its Implication in Cardiovascular Disease
Nabil G. Seidah

PCSK9, Low LDL-C, and Atherosclerosis
Jonathan Cohen

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Learning Tracks

- ASO** Atherosclerosis, Basic Vascular
- CAD** Ischemic Heart Disease, ACS, PCI, Stroke
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- EP** Electrophysiology, Sudden Cardiac Death, Arrhythmology
- HF** Heart Failure, Heart Function, Cardiomyopathy, Transplant
- HTN** Hypertension, Vascular Biology
- IMAG** Imaging Techniques, Nuclear Cardiology, MRI, Echo
- POLICY** Policy
- PREV** Prevention
- SURG** Cardiac Surgery, Anesthesia

CC Core Curriculum

Disclosure of Conflict of Interest

Disclosed Conflict **DC** Disclosed No Conflicts **DNC**
(Details available upon request)



12:30 – 14:00

LUNCH, POSTER PRESENTATIONS AND EXHIBITION

Exhibit Hall, VCEC

12:30 – 14:00

SYMPOSIUM ON ATRIAL FIBRILLATION

What is new in Atrial Fibrillation?

Parkview Terrace 2-3, Meeting Room Level, VCEC

EP

CC

Chair: D George Wyse

Ablation Therapy for Atrial Fibrillation

Peter G Guerra

Antithrombotic Therapy in Atrial Fibrillation

Stuart Connolly

Atrial Fibrillation: New Targets for Medical Therapy

Charles Kerr

13:30 – 14:45

ORAL SESSION IV

Genetics and Epidemiology

Room 13, Meeting Room Level, VCEC

ASO

630-635

Co-Chairs: Spencer Proctor
Bassam Nassar

630 WITHDRAWN

13:30

635 FAMILY ATHEROSCLEROSIS COUNSELING AND TESTING STUDY (FACT): EFFECT OF FAMILY HISTORY ON CAROTID ULTRASOUND FINDINGS

C Taraboanta, S Lear, S Di Palma, J Hill, GB Mancini, J Frohlich

DNC

13:45

631 LIPID SOLUBLE ANTIOXIDANT AND PREECLAMPSIA: REDOX STATUS OF ALPHA-TOCOPHEROL AND COENZYME Q10

A Gagn , MC B langer, M Boutet, JF Bilodeau, L Berthiaume, WD Fraser, P Julien

DNC

14:00

632 EFFECTS OF THE PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR GAMMA2 PRO12ALA POLYMORPHISM ON OBESITY PHENOTYPES OF INDIVIDUALS WITH AND WITHOUT FAMILIAL HISTORY OF OBESITY

AM Paradis, L P russe, MC Vohl

DNC

14:15

633 CRP GENE POLYMORPHISM PREDICTS MORTALITY IN PATIENTS WITH CORONARY ARTERY DISEASE

CL Heslop, JJ Frohlich, JS Hill

DNC

14:30

634 ETHNIC VARIATION IN THE PPAR GAMMA PRO12ALA POLYMORPHISM AND ITS ASSOCIATIONS WITH ABDOMINAL OBESITY AND TYPE 2 DIABETES

L de Koning, R Hegele, SS Anand

DNC

14:00 – 15:00

CONSENSUS CONFERENCE

Recommendations On Heart Failure 2006: Diagnosis and Management

Exhibit Hall C, VCEC

HF

CC

Co-Chairs: Malcolm Arnold
Heather Ross
Jonathan Howlett

15:00 – 15:30

REFRESHMENT BREAK, POSTER PRESENTATION AND EXHIBITION

Exhibit Hall, VCEC

15:00 – 15:30

POSTER SESSIONS (MODERATED)

Atherosclerosis/Vascular Biology
Ath roscl rose/Biologie vasculaire

Moderated Poster Theatre, Exhibit Hall , VCEC

ASO

Moderator: Subodh Verma

Poster Board 133

639 DYNAMIC ENGRAFTMENT OF ENDOTHELIAL PROGENITOR CELLS IS DEPENDENT ON TIMING OF CARDIAC INJECTION POST-MYOCARDIAL INFARCTION

EK Butler, JF Desjardins, H Leong-Poi, A Pourjabbar, DJ Stewart, TG Parker

DNC

Poster Board 134

640 PERSISTENT ELEVATION OF VEGF AND PROSTACYCLIN FOLLOWING CARDIOPULMONARY MALADAPTATION TO HIGH ALTITUDE: A PILOT STUDY

M White, VV Le, R Touyz, H Ross, Y Tessier, M Sirois

DNC

Poster Board 135

644 MECHANICAL PROPERTIES AND CONTRACTILITY OF SMOOTH MUSCLE CELLS IN THE ARTERIAL VASCULATURE IN A MOUSE MODEL OF MARFAN SYNDROME

K Au Yeung, S Cortes, A Chung, H Dietz, C van Breemen

DNC

Poster Board 136

646 ENDOTHELIAL PROGENITOR CELLS BIND PLATELETS AND INHIBIT AGGREGATION VIA PROSTACYCLIN

H Abou-Saleh, D Yacoub, JF Th or t, PE Neagoe, M Sirois, E Thorin, Y Merhi

DNC

Learning Tracks

ASO

Atherosclerosis, Basic Vascular

EP

Electrophysiology, Sudden Cardiac Death, Arrhythmology

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Core Curriculum

Disclosure of Conflict of Interest

Disclosed Conflict **DC** Disclosed No Conflicts **DNC**
(Details available upon request)



15:00 – 15:30

POSTER SESSIONS

Atherosclerosis/Vascular Biology
Athérosclérose/Biologie vasculaire

Exhibit Hall, VCEC

To be presented in the Moderated Poster Theatre from 15:00 to 15:30

Poster Board 115

638 ATP-INDUCED REVERSAL OF SODIUM-CALCIUM EXCHANGER AND THE ROLE OF THE CANONICAL TRANSIENT RECEPTOR POTENTIAL (TRPC) SUBFAMILY

HT Sy Yong, VS Lemos, DT Poburko, CH Liao, R Pillai, N Fameli, KH Kuo, C van Breemen DNC

Poster Board 116

Student Award Presentation Finalist

639 DYNAMIC ENGRAFTMENT OF ENDOTHELIAL PROGENITOR CELLS IS DEPENDENT ON TIMING OF CARDIAC INJECTION POST-MYOCARDIAL INFARCTION

EK Butler, JF Desjardins, H Leong-Poi, A Pourdjabbar, DJ Stewart, TG Parker DNC

Poster Board 117

640 PERSISTENT ELEVATION OF VEGF AND PROSTACYCLIN FOLLOWING CARDIOPULMONARY MALADAPTATION TO HIGH ALTITUDE: A PILOT STUDY

M White, VV Le, R Touyz, H Ross, Y Tessier, M Sirois DNC

Poster Board 118

641 ESSENTIAL ROLE OF PKCδ IN PLATELET SIGNALING, α11β3 ACTIVATION, AND THROMBOXANE A2 RELEASE

D Yacoub, JF Théorêt, L Villeneuve, H Abou-Saleh, BG Allen, Y Merhi DNC

Poster Board 119

642 USING B-TYPE NATRIURETIC P[EP]TIDE IN THE DETECTION OF ACUTE MYOCARDIAL ISCHEMIA: FROM NOVEL TO PRACTICE

E Tenekecioglu, K Alkan, M Akkaya, F Kumak, A Guler, S Kulekci, F Akyaz, A Bekler, M Imaz DNC

Poster Board 120

643 NO REGULATES BONE MORPHOGENETIC PROTEIN (BMP)/SMAD1 SIGNALING IN PULMONARY ENDOTHELIAL CELLS: IMPLICATIONS FOR THE PATHOGENESIS OF PULMONARY ARTERIAL HYPERTENSION

K Teichert-Kuliszewska, RN Han, L Zucco, MJ Kutryk, J Granton, DW Courtman, DJ Stewart DNC

Poster Board 121

644 MECHANICAL PROPERTIES AND CONTRACTILITY OF SMOOTH MUSCLE CELLS IN THE ARTERIAL VASCULATURE IN A MOUSE MODEL OF MARFAN SYNDROME

K Au Yeung, S Cortes, A Chung, H Dietz, C van Breemen DNC

Poster Board 122

645 MYOCARDIAL PRESYNAPTIC SYMPATHETIC INNERVATION IS ALTERED IN TYPE II DIABETIC RATS

J Thackeray, M Greene, S Thorn, RS Beanlands, JN DaSilva DNC

Poster Board 123

646 ENDOTHELIAL PROGENITOR CELLS BIND PLATELETS AND INHIBIT AGGREGATION VIA PROSTACYCLIN

H Abou-Saleh, D Yacoub, JF Théorêt, PE Neagoe, M Sirois, E Thorin, Y Merhi DNC

Poster Board 124

647 INFLUENCE OF NITRIC OXIDE SYNTHASE ISOFORMS ON CARDIAC FUNCTION AND BLOOD FLOW IN INNERVATED AND DECENTRALIZED DOGS

JG Kingma jr, D Simard, JR Rouleau DNC

Poster Board 125

648 MYOGENIC DIFFERENTIATION OF BONE MARROW CELLS IN AGING MICE

M Xaymardan, RD Weisel, RK Li DNC

Poster Board 126

649 RADIONUCLIDE CELL LABELING FOR NON-INVASIVE IMAGING AND ASSESSMENT OF TRANSPLANTED PROGENITOR CELLS DELIVERED IN BIOPOLYMER MATRICES

EJ Suuronen, S Thorn, M Ruel, RA DeKemp, JN DaSilva, RS Beanlands DNC

Poster Board 127

650 DEVELOPMENT AND COMPARISON OF TISSUE ENGINEERED COLLAGEN-BASED MATRICES FOR ENDOTHELIAL PROGENITOR CELL TRANSPLANTATION

Z Prostran, S Wong, F Li, M Ruel, EJ Suuronen DNC

16:00 – 16:30

ANNUAL GENERAL MEETING

Room 13, Meeting Room Level, VCEC

16:30 – 17:30

RECEPTION AND AWARDS

Room 14, Meeting Room Level, VCEC

C S A T V B S C A T B V

Learning Tracks

Table with 3 columns: ASO (Atherosclerosis, Basic Vascular), EP (Electrophysiology, Sudden Cardiac Death, Arrhythmology), IMAG (Imaging Techniques, Nuclear Cardiology, MRI, Echo Policy); CAD (Ischemic Heart Disease, ACS, PCI, Stroke), HF (Heart Failure, Heart Function, Cardiomyopathy, Transplant), POLICY; CONG (Pediatrics, Congenital Heart Disease), HTN (Hypertension, Vascular Biology), PREV (Prevention), SURG (Cardiac Surgery, Anesthesia)

CC Core Curriculum

Disclosure of Conflict of Interest

Disclosed Conflict DC Disclosed No Conflicts DNC (Details available upon request)