



THURSDAY APRIL 26, 2018

7:30	Registration and Continental Breakfast	CANADA ROOM
8:30 – 8:45	Welcome Remarks Thierry Mesana, MD, PhD CEO and President University of Ottawa Heart Institute, Ottawa, ON Peter Liu, MD Chief Scientific Officer, Vice President, Research University of Ottawa Heart Institute, Ottawa, ON	
GENE THERAPY AND BIOMARKERS Moderated by Drs. Peter Liu and Mireille Ouimet		
8:45 – 9:30	DR. YVES MARCEL LECTURE Precision Genome Editing in Cardiovascular Diseases Kiran Musunuru MD, PhD, MPH Associate Professor, Cardiovascular Medicine and Genetics Perelman School of Medicine University of Pennsylvania, Philadelphia, Pa	
9:30 – 9:50	The Platelet Transcriptome and Platelet Activity in Cardiovascular Disease Jeffrey Berger, MD Associate Professor of Medicine (Cardiology and Hematology) Associate Professor of Surgery (Vascular Surgery) Director, Cardiovascular Thrombosis New York University School of Medicine New York, NY	
9:50 – 10:10	How Rapid Are We Going? An update of personalized platelet strategies Derek So, MD Program Director for the Adult Interventional Cardiology Program, Clinician Investigator University of Ottawa Heart Institute, Ottawa, ON	
10:10 – 10:25	Active Learning Q&A Panel	
10:25 – 10:40	Break	

THERAPEUTIC STRATEGIES ON THE HORIZON

Moderated by Drs. Erin Mulvihill and Duncan Stewart

10:40 – 11:00 **Friend and Foe: Inflammatory pathways that promote and repair vulnerable atherosclerosis**

Katey Rayner, PhD

Scientist & Director, Cardiometabolic microRNA Laboratory
University of Ottawa Heart Institute, Ottawa, ON

11:00 – 11:20 **Pulmonary Hypertension and Small Molecule Inhibitors**

Marlene Rabinovitch, MD

Professor of Pediatric Cardiology
Stanford University School of Medicine, Stanford, CA

11:20 – 11:35 **Active Learning Q&A Panel**

11:35 – 1:00 **Lunch | Trainee Mentorship Event**

FROM PATIENT TO RESEARCH

Moderated by Drs. Robert Beanlands and Girish Nair

1:00 - 1:15 **Patient Case Presentation**

Ruth McPherson, MD, PhD

Merck Frosst Canada Chair in Atherosclerosis Research
Director, Ruddy Canadian Cardiovascular Genetics Centre
Director, Atherogenomics Laboratory and Lipid Clinic
University of Ottawa Heart Institute, Ottawa, ON

1:15 – 1:35 **Personalized Antiarrhythmic Drug Therapy for Atrial Fibrillation**

Zachary Laksman, MD

Director, SPH Atrial Fibrillation Clinic and
the SPH Inherited Arrhythmia Clinic
Clinical Assistant Professor
University of British Columbia, Vancouver, BC

1:35 – 1:55 **Patient-tailored Catheter Ablation for Atrial Fibrillation**

Pablo Nery, MD

Cardiac Electrophysiologist & Clinician Investigator
University of Ottawa Heart Institute, Ottawa, ON

1:55 - 2:10 **Active Learning Q&A Panel**

**SEX AND GENDER**

Moderated by Dr. Lisa Cotie

2:10 – 2:30 Cardiovascular Risk After Hypertensive Disorders of Pregnancy**Thais Coutinho, MD**

Chief, Division of Prevention and Rehabilitation
Chair, Canadian Women's Heart Health Centre
University of Ottawa Heart Institute
Assistant Professor, Faculty of Medicine
University of Ottawa, Ottawa, ON

2:30 – 2:50 CV Disease After Hypertensive Disorders of Pregnancy; underlying mechanisms**Vesna Garovic, MD, PhD**

Professor of Medicine
Mayo Clinic, Rochester, MN

2:50 – 3:05 Active Learning Q&A Panel**3:10 – 3:40 Rapid Fire Oral Presentations**

Moderated by Drs. Lisa Cotie and Denuja Karunakaran

3:40 – 5:00 Poster Judging & Reception

Trainee Mentorship Lunch

Thursday, April 26th, 2018 | 11:45 – 12:30

The aim of this event is to give trainees the opportunity to learn about different career paths in cardiovascular research. Trainees will share a lunch table with an expert and over lunch discuss how to network and progress within their field, en route to a final career destination.

Table 1: Jeffrey Berger, MD

Table 2: Zachary Laksman, MD

Table 3: Kiran Musurunu, MD, PhD, MPH

Table 4: Marlene Rabinovitch, MD

Table 5: Katey Rayner, PhD

FRIDAY APRIL 27, 2018

7:30 Registration and Breakfast CANADA ROOM

8:30 – 8:45 Welcome remarks

Duncan Stewart, MD
 Executive Vice-President Research
 The Ottawa Hospital
 CEO & Scientific Director
 Ottawa Hospital Research Institute
 The Evelyne & Rowell Laishley Chair
 Professor, Department of Medicine
 University of Ottawa, Ottawa, ON

REGENERATIVE MEDICINE

Moderated by Drs. Darryl Davis and Wenbin Liang

8:45 – 9:30 Stem Cells and Genomics for Precision Cardiovascular Medicine

Joseph C. Wu, MD, PhD
 Director, Stanford Cardiovascular Institute
 Simon H. Stertzer Professor of Medicine & Radiology
 Stanford University School of Medicine, Stanford, CA

9:30 – 9:50 DNA Damage Response in Progeria Vascular Smooth Muscle Cells and the Implications on Normative Vascular Smooth Muscle Aging

William Stanford, PhD
 Canada Research Chair in Integrative Stem Cell Biology
 Senior Scientist, Sprott Centre for Stem Cell Research
 & Regenerative Medicine Program
 The Ottawa Hospital Research Institute
 Professor, University of Ottawa, Ottawa, ON

9:50 – 10:00 Active Learning Q&A Panel

10:00 – 10:15 Break



WILBERT J. KEON ENDOWED LECTURESHIP

Moderated by Dr. Thierry Mesana

10:15 – 11:00 Rebuilding the Failing Heart: Molecular Approaches to Cardiac Regeneration

Victor Dzau, MD

President, US National Academy of Medicine

Chancellor Emeritus and James B. Duke

Professor of Medicine

Duke University

11:00 – 11:15 Q&A

11:15 – 11:45 Awards Ceremony and Closing Remarks

Peter Liu, MD

Chief Scientific Officer, Vice President, Research

University of Ottawa Heart Institute, Ottawa, ON



PUBLIC LECTURE

in partnership with the Gairdner Foundation

1:00 – 1:15

Public Lecture Moderated by

Peter Liu, MD

Chief Scientific Officer, Vice President of Research
University of Ottawa Heart Institute, Ottawa, ON

Introduction

Janet Rossant, PhD

President and Scientific Director
Gairdner Foundation, Toronto, ON

1:15 – 2:15

Medical Breakthroughs: What are the Possible Game-Changers in the Near Future? How will they impact health and society?

Victor Dzau, MD

President, US National Academy of Medicine
Chancellor Emeritus and James B. Duke
Professor of Medicine
Duke University

2:15 – 3:15

Expert Panel Discussion and Interactive Audience Q&A

Robert Bell, MD

Deputy Minister
Ministry of Health and Long Term Care, Government of Ontario

Victor Dzau, MD

President, US National Academy of Medicine
James B. Duke Professor of Medicine, Duke University

Colleen Flood, FRSC

Professor and University Research Chair in Health Law and Policy
Faculty of Law, University of Ottawa

Neil D. Fraser, MASc, MBA, P.Eng

President, Medtronic of Canada Ltd.

Thierry Mesana, MD, PhD

President & CEO, University of Ottawa Heart Institute

Pierre Sabourin

Assistant Deputy Minister
Health Canada, Government of Canada

Duncan Stewart, MD

Ottawa Heart Conference Co-Chair
Executive Vice-President Research, The Ottawa Hospital
CEO & Scientific Director, Ottawa Hospital Research Institute

Helen Robert

Patient Representative, Heart Attack Survivor

Janet Rossant, PhD

President & Scientific Director
Gairdner Foundation