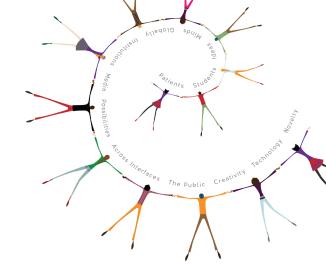
Agenda

ENGAGE: Heart + Lung FEST 2014 Scientific Symposium



Thursday, February 6, 2014

7:30 - 8:30 Breakfast & Registration

8:30 - 9:30 Inherited Cardiac Arrhythmias

Chairs: John Cairns, David Fedida

Moving to enlightenment about atrial fibrillation - The power of genetics and good clinical phenotypes Andrew Krahn

Challenges and opportunities in pediatric patients with cardiac electrical ailments Shu Sanatani

A comprehensive genetic panel for cardiac diseases - The promise and the challenges Michael Seidman

9:30 - 10:30 Hope for End-stage Heart and Lungs

Chairs: Ed Pryzdial, Jonathan Choy

Innovation in cardiac devices - A new era of care

Anson Cheung

Canadian Transplant Research Network: What does it mean for heart and lung researchers/patients across Canada?

Megan Levings

Molecular biosignatures of organ failure - How can they impact care?

Bruce McManus

10:30 - 11:00 Break

11:00 - 12:00 Big Data - for Heart and Lung Basic, Clinical and Translational Research

Chairs: Christoph Borchers, Raymond Ng

Integrating omics data into publicly accessible databases

Fiona Brinkman

Combining social network and genomic data to understand outbreaks of respiratory disease Jennifer Gardy

Proteomics: finding the (therapeutic) needle in the haystack

Gabriela Cohen-Freue



Heart + Lung Scientific Symposium Agenda (cont'd)

12:00 - 12:30 Lunch

12:30 - 1:30 Trainee Lightning Round Oral Presentation

1:30 - 2:30 Inflammation in Heart and Lung Disease

Chairs: Stuart Turvey, Ed Conway

Inflammation in heart and circulatory system with sepsis as a model John Boyd

Inflammation in lungs with asthma as a model

Kelly McNagny

MMPs are not just important in wound healing, but also in signaling

Chris Overall

2:30 - 2:45 Break

2:45 - 3:30 British Columbia Distinguished Lecture

Chairs: Keith Walley, Jim Hogg

2014 Recipient: Brett Finlay

Professor, Michael Smith Laboratories; Department of Biochemistry & Molecular Biology and Microbiology

3:30 - 3:45 Break

3:45 - 4:30 Alan Bernstein Distinguished Lecture

Chairs: Bruce McManus, Allen Eaves

2014 Recipient: Eduardo Marbán

Director, Cedars-Sinai Heart Institute

Friday, February 7, 2014

8:00 - 8:30 Breakfast & Morning Notes

8:30 - 9:15 Graeme Copland Memorial Lecture

Chairs: Peter Paré, Jeremy Hirota

2014 Recipient: Paul O'Byrne

Professor, Division of Respirology, Department of Medicine; Chair, Department of Medicine, McMaster

University Medical Centre

9:15 - 10:15 Hot Topics in COPD

Chairs: Neil Eves, Miranda Kirby

Finding signatures of lung attacks in COPD patients - The Genome Canada Initiative

Don Sin

Imaging of COPD: CT scanning and beyond

Harvey Coxson

When should we start treating COPD? A pathologist's point of view

Jim Hogg



Heart + Lung Scientific Symposium Agenda (cont'd)

10:15 - 10:30 Break

10:30 - 11:30 Thoracic Imaging - Lung Cancer, Vessels, and the Heart

Chairs: Geoff Payne, Jasmine Grewal

Lung imaging state of the art - how can lung imaging influence the diagnosis of heart and vessel disease? John Mayo

State of the art heart and vessel imaging in 2014 - Role in risk stratification & beyond **John Mancini**

Advances in the imaging of lung cancer **Stephen Lam**

11:30 - 12:30 Fibrosis and Wound Healing - Heart and Lung

Chairs: Rob McMaster, Leigh Parkinson

Challenges in fibrosis in the lung - IPF basic and clinical perspectives Chris Ryerson

Challenges in fibrosis of the vessels and heart - stem cells in heart wound repair and regeneration Fabio Rossi

When it's no longer just about inflammation - Granzyme B's link to wound healing and fibrosis David Granville

12:30 - 1:30 Lunch & Trainee Poster Viewing and Judging

1:30 - 2:45 Economics of Heart and Lung Disease

Chairs: Stirling Bryan, Larry Lynd

Biomarker-derived tests - economical for heart transplant, COPD exacerbations, and kidney transplant? Carlo Mara

Economic burden of asthma in BC

Mohsen Sadatsafavi

Lessons learned from *HIV Treatment as Prevention* that may be relevant to cardiopulmonary diseases **Julio Montaner**

2:45 - 3:30 David Bates Lecture

Chairs: Chris Carlsten, Stephan van Eeden

2014 Recipient: Joel Kaufman

Professor, Environmental & Occupational Health Sciences, University of Washington

3:30 - 3:45 Trainee Awards, Closing Comments