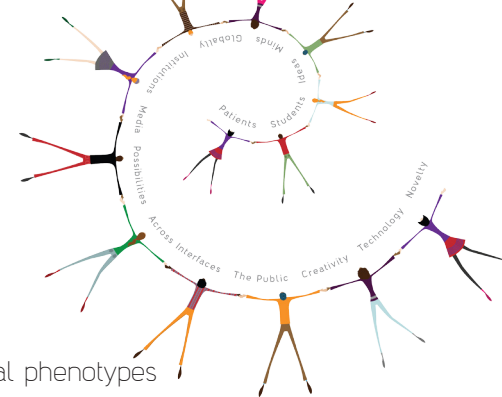


Agenda

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 Prydzial, 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

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

12:00 - 1:30 **Lunch & Trainee Lightning Oral Round 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

2:45 - 3:30 **British Columbia Distinguished Lecture**

Chairs: Keith Walley, Jim Hogg

Role of microbiota in asthma

Brett Finlay

3:45 - 4:30 **Alan Bernstein Distinguished Lecture**

Chairs: Bruce McManus, Allen Eaves

Therapeutic regeneration of the injured human heart

Eduardo Marbán

4:30 **Reception**

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Agenda

ENGAGE: Heart + Lung FEST 2014 Scientific Symposium

Friday, February 7, 2014



8:00 - 8:30 **Breakfast & Morning Notes**

8:30 - 9:15 **Graeme Copland Memorial Lecture**
Chairs: Peter Paré, Jeremy Hirota

Allergen-induced asthma
Paul O'Byrne

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

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 about inflammation - Granzyme B's link to tissue injury and wound healing
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 Marra

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

Air pollution and cardiovascular disease: Recent research and insights into mechanisms
Joel Kaufman

3:30 - 3:45 **Trainee Awards & Closing Comments**