
AGENDA

FEST Scientific Symposia

Tuesday, February 6th 2018



7:00-7:55 am On-Site Registration/Breakfast/Poster Set Up

8:00-8:20 am Welcome to Heart + Lung Health FEST 2018

Opening Remarks

Professor Jeff Reading, Faculty of Health Sciences, SFU; First Nations Health Authority Chair in Heart Health and Wellness at St. Paul's Hospital

Professor and Vice-President Research & Innovation, Gail Murphy, UBC

Dean Dermot Kelleher, Faculty of Medicine, UBC

THEME of the DAY – COLLISION OF CARE NEEDS, ENGINEERING, IMAGING AND CLINICAL LEADERSHIP

8:20-10:00 am Mini Symposium 1: Engineering and Bioengineering - What's New and What's on the Horizon?

Chairs: *Jonathon Leipsic, Fabio Rossi*

8:20-8:30 *Sam Wadsworth – 3-D printing – progress, challenges, solutions*

8:35-8:45 *Peter Zandstra – Bioengineering in the future of regenerative medicine*

8:50-9:00 *Darra Murphy – Fractional flow reserve determined from cardiac CT*

Facilitated Roundtable Discussion

9:30-10:00 am Health Break

10:00-11:00 am Alan Bernstein Distinguished Lecture/Distinguished Speaker in Cardiovascular Medicine

Chairs: *Jim Abel, John Cairns*

Marc Ruel – The case for some broadness? An attempt at bridging together cardiac biologics, epidemiology and surgery

Facilitated Discussion

11:15-11:45 am Rapid Fire Trainee Poster Presentations

11:45 am-1:15 pm Lunch and Rambunctious Poster Viewing & Judging

AGENDA

1:30-2:30 pm **Mini Symposium 2: Health Care Teams: Laboratory Science, Imaging, and Integrated Care & Innovation**
Chairs: *Ed Moore, Stephanie Sellers*

1:30-1:40 *Mari DeMarco* – New in diagnostics – From need to bench and back

1:45-1:55 *Cam Hague* – Imaging to support respiratory care

2:00-2:10 *Sandra Lauck* – Challenges and successes of a multi-disciplinary team approach

Facilitated Roundtable Discussion

2:30 – 3:30 am **Mini Symposium 3: Clinical Leadership – How Do We Get to the Next Level?**
Chairs: *Don Sin, Laura Arbour*

2:30-2:40 *Mark FitzGerald* – Addressing COPD care: A distributed perspective

2:45-2:55 *Simon Pimstone* – SAVE BC – Identifying risk for early CAD, preventing progression, intervening for better outcomes

3:00-3:10 *Margot Davis* – Integrating basic and clinical research into clinic life

Facilitated Roundtable Discussion

3:30-3:45 pm **Health Break**

3:50-4:50 pm **David Bates Lecture**
Chairs: *Michael Brauer, Tillie Hackett*

Rick Burnett – A local burden of disease study due to air pollution

Facilitated Discussion

5:00-6:30 pm **Reception, Honoured Guest Recognition, Poster Viewing**

AGENDA

FEST Scientific Symposia

Wednesday, February 7th 2018

7:15-8:00 am Registration and Light Breakfast

Theme of the Morning: MOLECULAR BASIS OF HEALTH & DISEASE

8:00-9:00 am Mini Symposium 4: Inflammation and Immunity in Heart & Lung Disease
Chairs: *Honglin Luo, Michael Kobor*

8:00-8:10 *David Granville* – Injury & repair: Common pathways, lessons learned, different tissues

8:15-8:25 *Keith Walley* – PCSK9 and sepsis – What's the link?

8:30-8:40 *Krish Ramanathan* – Ethnicity and inflammation in coronary artery disease

Facilitated Roundtable Discussion

9:00-10:00 Mini Symposium 5: New Frontiers – iPS Cells, Gene Editing, Drug Targeting
Chairs: *Jennifer Gardy, Ed Prydzial*

9:00-9:10 *Pamela Hoodless* – Exon skipping – What's new and where is it going to skip next?

9:15-9:25 *John Babcock* – Emerging strategies in drug targeting

9:30-9:40 *Glen Tibbits* – Realizing the power of iPS cells

Facilitated Roundtable Discussion

10:00 – 10:15 Health Break

10:15-11:15 7th British Columbia Distinguished Lecture
Chairs: *Stuart Turvey, Jonathan Choy*

Megan Levings – Biology and therapeutic potential of regulatory T cells

Facilitated Discussion

11:20 – 11:45 Rapid-Fire Trainee Poster Presentations

AGENDA

11:50 – 12:50 Lunch and Rambunctious Poster Viewing & Judging

Theme of the Afternoon: DATA – HARNESSING, SHARING & BENEFITS

1:00-2:00 Mini Symposium 5: Big Data - What you need to know!

Chairs: *Wyeth Wasserman, Raymond Ng*

1:00-1:10 *Paul Terry* – Tips for effective database design

1:15-1:25 *Casey Shannon* – Sharing your data: Do blockchain technologies have a role?

1:30-1:40 *Roger Tam* – Machine learning – Concepts and applications in medicine

Facilitated Roundtable Discussion

2:00-2:45 Mini Symposium 6: The accelerating impact of Apps & wearables in health

Chairs: *Andrew Krahn, Fiona Brinkman*

2:00-2:10 *Kendall Ho* – A clinician scientist’s perspective on the power of wearables in care

2:15-2:25 *Chris Cheung* – A young cardiologist’s views on the emerging impact of wearables

2:30-2:40 *Luc Beaudoin* – An entrepreneur’s perspective on wearables and their health value

Facilitated Roundtable Discussion

2:50-3:00 Coffee Break

3:00-4:00 Graeme Copland Memorial Lecture

Chairs: *Pearce Wilcox, Jeremy Road*

Martin Kolb – Blood vessels in IPF – bystander or driver of the disease?

Facilitated Discussion

4:00-4:30 Poster Recognitions and Closing Remarks
