

Canada Gairdner Symposium
Cancer Discoveries: Molecules to Man

Tuesday May 24, 2016

Public Presentation

BERNARD SNELL AUDITORIUM

Introduction: John Mackey

7:00-8:00 pm

Dennis Slamon

University of California, Los Angeles, CA, USA

New and novel approaches to breast cancer

Wednesday May 25, 2016

8:00-8:20 am

Greetings and Welcoming Remarks

Meeting organizers: David Eisenstat, Lynne Postovit

Faculty of Medicine & Dentistry: Richard Fedorak

Gairdner Foundation: John Dirks

SESSION 1: Immunology/Environment 1

RM. 1080 KATZ GROUP CENTRE

Chair: Matthias Götter

8:20-9:00 am

John Bell

University of Ottawa, Ottawa, ON, Canada

Replicating virus therapeutics for the treatment of cancer

9:00-9:40 am

Nada Jabado

McGill University, Montreal, QC, Canada

Oncohistones in cancer: a tale of a histone tail

9:40-10:20 am

James Allison

MD Anderson Cancer Center, Houston, TX, USA

Immune checkpoint blockade in cancer therapy: new insights, opportunities and prospects for a cure

10:20- 10:40 am

HEALTH BREAK

SESSION 2: Stem Cells & Development

RM. 1080 KATZ GROUP CENTRE

Chair: Lynne Postovit

Each lecture is 30 minutes, followed by a separate 10-minute question and answer period.

- 10:40-11:20 am** **Hans Clevers**
Hubrecht Institute, Utrecht, Netherlands
Organoids as models for human disease
- 11:20-12:00 pm** **John Dick**
University of Toronto, Toronto, ON, Canada
Towards unification of cancer stem cell and clonal evolution models of intratumoral heterogeneity
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- 12:00-1:30 pm** **CATERED LUNCH, ATRIUM, KATZ GROUP CENTRE**
POSTER VIEWING SESSION (12:30-1:30 pm)
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- 1:30-2:10 pm** **David Jaffray**
University of Toronto, Toronto, ON, Canada
Image-guidance for precise and personalized cancer medicine
- 2:10-2:50 pm** **Connie Eaves**
BC Cancer Agency, Vancouver, BC, Canada
Clonal analysis of human mammary cell growth and transformation

SESSION 3: Metabolism

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Chair: Catherine Field

- 2:50-3:30 pm** **Vickie Baracos**
University of Alberta, Edmonton, AB, Canada
Skeletal muscle metabolism as a barometer of cancer progression
- 3:30-4:10 pm** **Tak Mak**
University of Toronto, Toronto, ON, Canada
Tumor metabolism: back to the future
- 4:10-4:50 pm** **Poul Sorensen**
BC Cancer Foundation, Vancouver, BC, Canada
Beyond the transcriptome: selective mRNA translation as a driver of tumor plasticity and aggressive behavior
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Thursday May 26, 2016

SESSION 4: Drivers of Cancer

RM. 1080 KATZ GROUP CENTRE

Chair: Michael Hendzel

Each lecture is 30 minutes, followed by a separate 10-minute question and answer period.

- 8:20-9:00 am** **Steve Jackson**
University of *Cambridge, UK*
Cellular responses to DNA damage: translating mechanistic insights to new cancer therapeutics
- 9:00-9:40 am** **Guy Poirier**
Université Laval, Quebec, QC, Canada
PARP-dependent events during DNA damage and cell death
- 9:40-10:20 am** **Lewis Cantley**
Cornell University, Ithaca, NY, USA
PI 3-kinase and cancer metabolism
- 10:20-10:40 am** **HEALTH BREAK**

Prevention Presentation RM. 1080 KATZ GROUP CENTRE

Introduction: Vera Mazurak

- 10:40-11:20 am** **Steve Narod**
University of Toronto, Toronto, ON, Canada
Risk perception and cancer prevention
- 11:20-12:00 pm** **Jack Cuzick**
Queen Mary University of London, London, UK
The role of aspirin for cancer prevention in the general population

12:00-1:30 pm **CATERED LUNCH, ATRIUM, KATZ GROUP CENTRE**
TRAINEE MEET-AND-GREET

SESSION 5: Immunology/Environment 2 RM. 1080 KATZ GROUP CENTRE

Chair: David Eisenstat

- 1:30-2:10 pm** **Gregg Semenza**
Johns Hopkins, Baltimore, MD, USA
Regulation of glucose metabolism in breast cancer cells by hypoxia-inducible factors
- 2:10-2:50 pm** **Gino Fallone**
University of Alberta, Edmonton, AB, Canada
Development of a linac-MR hybrid for high-precision radiotherapy of tumours
- 2:50-3:30 pm** **Mina Bissell**
Lawrence Berkeley National Lab, Berkeley, CA, USA
Why don't we get more cancer? The awesome power of laminins!

Each lecture is 30 minutes, followed by a separate 10-minute question and answer period.

3:30-3:45 pm

CONCLUDING REMARKS

End of Meeting

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada, and approved by the University of Calgary Office of Continuing Medical Education and Professional Development. Participants can claim up to a maximum of 15 study credits.

If you will be claiming CME MOC Section 1 credits, please register yourself here: www.uofa.ualberta.ca/cancer-institute/research/crina-events/gairdner-symposium/scientific-talks/cme-credits---registration

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Each lecture is 30 minutes, followed by a separate 10-minute question and answer period.