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 approached 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 Götte

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

12:00-1:30 pm  CATERED LUNCH, ATRIUM, KATZ GROUP CENTRE  
POSTER VIEWING SESSION (12:30-1:30 pm)

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  
RM. 1080 KATZ GROUP CENTRE  
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

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.
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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!
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

Sponsored By:

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