

Montreal International Symposium on Angiogenesis and Metastasis

2009 PROGRAM

Thursday, June 11, 2009

7:30 – 8:30 *Registration and poster set up*

8:30 – 8:45 *Welcoming remarks*

Session I: Translational approaches: focus on breast cancer

Chairs: Drs. Janusz Rak & Joe Teodoro

8:45 – 9:15 Gerald Batist, M.D. (Segal Cancer Centre, Montreal)
“Overview of breast cancer therapeutics: deconstructing a tissue diagnosis into a molecular signature, and the therapeutic implications”

9:15 – 9:45 Morag Park, Ph.D. (Goodman Cancer Centre, Montreal)
“The breast tumor microenvironment: friends or foes”

9:45 – 10:15 Harold Burstein M.D./PhD. (Dana-Farber Cancer Institute, Boston)
“Update on Angiogenesis Inhibitor Therapy for Breast Cancer”

10:15 – 10:30 *Coffee break/ poster viewing*

10:30 – 11:00 William Muller, Ph.D. (Goodman Cancer Centre, Montreal)
“ShcA role in tumor progression in transgenic mouse models of human breast cancer”

11:00 - 12:00 **Keynote lecture by Robert Kerbel, Ph.D. (Sunnybrook Health Sciences Centre, Toronto)**
“Translational research studies of antiangiogenic therapy for advanced metastatic disease”

12:00 – 13:00 *Lunch buffet and poster viewing & judging*

Session II: Angiogenesis: emerging targets

Chairs: Drs. Nicole Beauchemin and Jean-Philippe Gratton

13:00 – 13:30 Janusz Rak, M.D./Ph.D. (MUHC Research Institute, Montreal)
“Impact of vascular aging on angiogenesis and antiangiogenesis”

13:30 – 14:00 Jose Teodoro, Ph.D. (Goodman Cancer Centre, Montreal)
“Regulation of Collagen-derived Angiogenesis factors (CDAFs) by p53”

14:00 – 14:30 William Sessa, Ph.D. (Yale University, New Haven)
“Role of miRNAs in tumor angiogenesis”

14:30 – 15:00 Jean-Philippe Gratton, Ph.D. (IRCM, Montreal)
“Regulation of VEGF-stimulated NO release from endothelial cells: Insights into vascular permeability”

15:00 – 15:15 *Coffee break / poster viewing*

15:15 – 15:45 Nicole Beauchemin, Ph.D. (Goodman Cancer Centre, Montreal)
“CEACAM1, a key regulator of normal and pathological angiogenesis”

15:45 – 16:15 Alexandra Eichten, Ph.D. (Regeneron Pharmaceuticals, Tarrytown, NY)
“Identifying and validating novel tumor angiogenic pathways”

Research Trainees' Presentations: Award Competition

- 16:15 – 16:30 **John Ebos, Ph.D.** (Sunnybrook Health Sciences Centre, Toronto)
Accelerated metastasis after short-term treatment with a potent inhibitor of tumor angiogenesis
- 16:30 – 16:45 **Francois Pepin, Ph.D. Candidate** (Centre for Bioinformatics, Montreal)
Gene expression profiling in breast cancer microvasculature identifies subtypes linked to vessel maturity and disease outcome
- 16:45 – 17:00 **Giuseppina Ursini-Siegel, Ph.D.** (Goodman Cancer Centre, Montreal)
Tumor cell autonomous ShcA is a paracrine integrator of the adaptive immune response during breast cancer progression

18:00 – 19:30 CIHR Café Scientifique – Public Forum

**“Hope for Cancer Patients... Tall and Small”
“De l’espoir pour les patients atteints de cancer... petits et grands”**

Invited Panelists: Sylvain Baruchel, M.D. (Hospital for Sick Children, Toronto)
Gerald Batist, M.D. (Jewish General Hospital, Montreal)
Nada Jabado, M.D./Ph.D. (MUHC, Montreal)
Mark Kieran, M.D./Ph.D. (Harvard, Boston)
Morag Park, Ph.D. (Scientific Director, CIHR Institute of Cancer Research)

Moderator: *Nicole Beauchemin, Ph.D. (Professor, Goodman Cancer Centre, McGill, Montreal)*

7:30 **Dinner**

Friday, June 12, 2009

Session III: Pediatric Oncology

Chairs: *Drs. Nada Jabado and Carolyn Freeman*

- 8:00 – 8:30 Mark Kieran, M.D./Ph.D. (Dana Farber Cancer Institute, Boston)
“Anti-angiogenic (Metronomic) Chemotherapy: From Bench to Bedside”
- 8:30 – 9:00 Julia Glade-Bender, M.D. (Columbia University, New York)
“Clinical Development of Anti-Angiogenic Therapy for Pediatric Solid Tumors”
- 9:00 – 9:30 Sylvain Baruchel, M.D. (Hospital for Sick Children, Toronto)
“Biomarkers of angiogenesis in pediatric oncology clinical trials: Are they useful to establish an optimum biological dose of new anti-angiogenic agents?”
- 9:30 – 10:00 Daniel Sinnett, Ph.D. (St. Justine Hospital, Montreal)
“Regulatory genomics and susceptibility to childhood leukemia”
- 10:00 – 10:15 Coffee break**

Session IV:**Mechanisms of Metastasis**

Chairs: Drs. Pnina Brodt and Mark Basik

- 10:15 – 10:45 Vivek Mittal, Ph.D. (Cornell University Medical Center, New York)
“Cellular and molecular mechanisms of tumor metastasis”
- 10:45 – 11:15 Mark Basik, M.D. (Lady Davis Institute, Montreal)
“The role of SDF-1 and CXCR4 in metastasis in breast cancer”
- 11:15 – 11:45 Rosandra Kaplan, M.D. (Memorial Sloan Kettering Cancer Center, New York)
“The role of bone marrow derived progenitors as mediators of metastasis”
- 11:45 – 12:15 François Bénard, Ph.D. (BC Cancer Research Centre, Vancouver)
“PET/CT imaging to monitor and characterize metastases”

12:15 – 13:15 Lunch buffet and poster viewing & judging

- 13:15 – 13:45 Michal Neeman, Ph.D. (Weizmann Institute of Science, Israel)
“Imaging the recruitment of tumor stroma fibroblasts”
- 13:45 – 14:15 Peter Siegel, Ph.D. (Goodman Cancer Centre, Montreal)
“Claudin-2 expression is associated with breast cancer liver metastasis”
- 14:15 – 14:45 Pnina Brodt, Ph.D. (MUHC Research Institute, Montreal)
“Role of ECM-derived survival signals in site-specific liver metastasis”
- 14:45 – 15:15 Kent Hunter, Ph.D. (National Cancer Institute, Bethesda)
“The genetics of inherited breast cancer metastasis susceptibility”

15:15 – 15:40 Phil Gold, MD (McGill University Health Center, Montreal)
Presentations of the **“Phil Gold Student Awards”**

15:40 – 15:45 Closing remarks