

ICCI 11th Annual Cancer Research Symposium, Wednesday May 30, 2018

Morning Session: Room 1714, OVC LLC

9:00-9:05 Welcome and Introductory Remarks

9:05-9:35 Guest Speaker

Targeting Checkpoint Molecules in Veterinary Oncology

Dr. Sam Hocker; Department of Clinical Studies, OVC, University of Guelph

9:35- 10:20 Short talks from abstracts

1. *Chemosensitization effects of the potassium-sparing diuretic amiloride in canine osteosarcoma*

Andrew Poon; Department of Biomedical Sciences, University of Guelph

2. *Considerations in fluorescent tagging of colon cancer cells in adhesion assays*

Heather Dekker; School of Pharmacy, University of Waterloo, ON

3. *Targeting of Mitochondrial Bioenergetics by Shikonin as a Treatment for Acute Myeloid Leukemia*

Alessia Roma; Department of Food Science, University of Guelph

10:20-10:45 Coffee Break and Poster Viewing

Room 1707 B & C, OVC LLC

10:45-11:30 Short talks from abstracts

1. *$\beta 1$ integrin signaling regulates invadopodia formation and cellular invasion in tumour cells*

Olivia Grafinger; Department of Molecular and Cellular Biology, University of Guelph

2. *Investigating the role of Nck cytoskeletal adaptors in mammary development and breast cancer*

Adam Golding; Department of Molecular and Cellular Biology, University of Guelph

3. *Characterizing the metabolic identities of the mammary epithelial subsets*

Mathepan Mahendralingam; Department of Medical Biophysics, University of Toronto

11:30-12:20 Regional Keynote Speaker

What makes some tumours aggressive: modeling cancer lethality

Dr. Paul Boutros; Ontario Institute for Cancer Research, and Department of Medical Biophysics, University of Toronto

12:20- 1:45 Poster Session and Lunch

Room 1707 B & C, OVC LLC

Afternoon Session: Room 1714, OVC LLC

1:45-2:10 Guest Speaker

Osteolytic, osteoblastic and mixed bone metastases models in the rat

Dr. Margarete Akens; Department of Medical Biophysics, University of Toronto

2:10- 2:55 Short talks from abstracts

1. *Longitudinal flow cytometric identification and quantification of circulating tumor cells in dogs with naturally-occurring osteosarcoma*

Dr. Tanya Wright; Department of Clinical Studies, University of Guelph

2. *Elucidating infection of stimulated leukocytes by oncolytic viruses*

Ashley A. Ross; Department of Pathobiology, University of Guelph

3. *An ORF-virus-infected cell vaccine elicits long-term survival in an osteosarcoma lung metastasis model through NK cell activity*

Jacob van Vloten; Department of Pathobiology, University of Guelph

2:55-3:30 Snack Break and last chance to view posters

Room 1707 B & C, OVC LLC

3:30 - 4:30 Keynote Speaker

Dr. Daniel L. Gustafson, Shipley University Chair in Comparative Oncology, Professor of Pharmacology & Biomedical Engineering, Director of Research, Flint Animal Cancer Center Director, UCCC Pharmacology Core, Colorado State University, USA

*Pharmacological Considerations in the Response of Tumors to Drug Therapy:
Drug Exposure and Intrinsic Sensitivity*

4:30-4:35 **Closing Remarks: Drs. Michelle Oblak and Geoff Wood**