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. β1 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