

# ICCI 12<sup>th</sup> Annual Cancer Research Symposium, Tuesday May 28th, 2019

## Morning Session: Room 1714, OVC LLC

9:00-9:05 Welcome and Introductory Remarks

9:05-9:35 Guest Speaker

*Utilizing vascular normalization to increase the uptake, efficacy, and impact of cancer therapies*

**Dr. Jim Petrik**; Department of Biomedical Sciences, University of Guelph

9:35- 10:20 Short talks from abstracts

1. *Viral sensitizer-mediated enhancement of oncolytic NDV leads to rapid clearance of primary tumours in a mouse model of melanoma*

**Thomas McAusland**; Department of Pathobiology, University of Guelph

2. *Combining Decitabine with Oncolytic Virotherapy Preferentially Kills Acute Myeloid Leukemia Cells Via Lethal Oxidative Stress*

**Elaine Klafuric**; Department of Pathobiology, University of Guelph

3. *Investigating the potential to target colorectal cancer-linked *Fusobacterium nucleatum* with *Bdellovibrio* and like organisms*

**Avery Robinson**; Department of Molecular and Cellular Biology, 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. *Analysis of SNARE Regulation During Tumor Cell Invasion*

**Megan Brasher**; Department of Molecular and Cellular Biology, University of Guelph

2. *Characterization of extracellular vesicles obtained from cultured explants of canine osteosarcoma and normal bone*

**Dr. Alicia Vilorio-Petit**; Department of Biomedical Sciences, University of Guelph

3. *Lymphoma and Symmetric Dimethylarginine Concentration in Dogs*

**Dr. Anthony Abrams-Ogg**, Department of Clinical Studies, University of Guelph

11:30-12:20 Regional Keynote Speaker

*Regulation of the Hippo pathway by AMPK family kinases in cancer*

**Dr. Liliana Attisano**; Department of Biochemistry, University of Toronto

**12:20- 1:30 Poster Session and Lunch**

**Room 1707 B & C, OVC LLC**

## **Afternoon Session: Room 1714, OVC LLC**

1:30-1:55 Guest Speaker

*A comparative oncology approach to investigate the Eph receptor tyrosine kinases as novel targets for cancer therapy in companion animals and humans*

**Dr. Behzad Toosi**; Department of Small Animal Clinical Sciences, University of Saskatchewan

1:55- 2:40 Short talks from abstracts

1. *Targeting Mitochondrial Metabolism with Avocatin-B Induces Selective Acute Myeloid Leukemia Death*

**Matthew Tcheng**; Department of Food Sciences, University of Guelph

2. *Diet Type and Supplement Use in Healthy Dogs and Dogs with Cancer*  
**Adriana Bianco**; Department of Clinical Studies, University of Guelph

3. *Effects of cannabinoids and marine oil derivatives on cell migration and tumour formation in colorectal cancer models*

**Dr. Jonathan Blay**; School of Pharmacy, University of Waterloo, ON

2:40-3:00 *Coffee break*

**Room 1707 B & C, OVC LLC**

### **3:00 - 4:00 Keynote Speaker**

**Dr. David Vail**, DVM, Diplomate ACVIM (Oncology), Professor and Barbara A. Suran Chair in Comparative Oncology, University of Wisconsin-Madison, USA

*Comparative Cancer Immunotherapy Trials: A One Medicine Approach*

4:00-5:00 *Closing Remarks and Reception*  
*Snacks and last chance for poster viewing*

**Room 1707 B & C, OVC LLC**