1) Inhibition of HSP70 for the Treatment of Canine Osteosarcoma  
Jonathan Asling, Brooke Fraser, Anthony J. Mutsaers*; Department of Biomedical Science, University of Guelph

2) Investigating the effectiveness of Akt1 inhibitor on non-small cell lung tumour suppression in-vitro  
Ritesh Briah, Roger Moorehead*, S. Elizabeth Franks; Department of Biomedical Science, University of Guelph

3) Changes in matrix metalloproteinase expression in SN-38-resistant colorectal cancer cells  
Spencer I.T. Berg, Murray J. Cutler, Jonathan Blay*; Department of Pharmacy, University of Waterloo

4) Evaluating drug resistance in colorectal cancer stem cells  
Stacey J. Butler, Nathan Farias, Brenda L. Coomber*; Department of Biomedical Sciences, University of Guelph

5) ICCI Clinical Research: Companion Animal Tissue Sample Bank and Clinical Trials in the Mona Campbell Centre for Animal Cancer  
Astrid Cuncins-Hearn, Brenda Coomber*, Paul Woods*; Institute for Comparative Cancer Investigation, University of Guelph

6) The Influence of Isoform Type and Oxygen Levels in the Angiogenic Response of Endothelial Cells to TGFβ  
Meghan Doerr, Alicia Viloria-Petit*; Department of Biomedical Sciences, University of Guelph

7) The Effects of Chemotherapy Scheduling on Ovarian Function and Female Fertility  
Jacqueline Dynes, Jim Petrik*; Department of Biomedical Sciences, University of Guelph

8) The response of canine osteosarcoma cells to Doxorubicin chemotherapy after siRNA-mediated silencing of Prkar1a expression  
Gallienne J¹, Petrik N, Liu J¹, Wood G²; ¹Department of Pathobiology, ²Department of Biomedical Sciences, University of Guelph
9) Effects of 3-bromopyruvate on human colorectal cancer metabolism
Nelson Ho, Brenda L. Coomber*; Department of Biomedical Sciences, University of Guelph

10) Inhibition of glucose uptake through sodium-glucose transporters (SGLT) demonstrates metabolic effects on epithelial ovarian cancer (EOC) cells, independent of GLUT-mediated glucose uptake
Lisa Kellenberger, Jim Petrik*; Department of Biomedical Sciences, University of Guelph

11) Investigating Nkd1's activation and role in Wnt signaling
Roman Kondra, Terry Van Raay*; Department of Molecular & Cellular Biology, University of Guelph

12) AVO: a novel inhibitor of fatty acid oxidation that induces selective leukemia cell death
Lee EA¹, Angka L¹, Rota SG¹, Hurren R², Wang XM², Gronda M², Minden M², Mitchell A³, Datti A⁴,⁵, Wrana, J⁴, Joseph JW¹, Quadrilatero J³, Schimmer AD², Spagnuolo PA¹; ¹School of Pharmacy, ²Department of Kinesiology, University of Waterloo, ³Princess Margaret Cancer Center, OCI, Toronto; ⁴SMART laboratory for High-Throughput Screening Programs, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, Toronto; ⁵Department of Agricultural, Food and Environmental Sciences, University of Perugia, 06100, Perugia Italy

13) Canine mast cell tumour (MCT) cells treated with itraconazole and toceranib exhibit decreased proliferation rates and altered posttranslational modifications of KIT and VEGFR2.
Sean Masson, Jennifer Thompson, Brenda L. Coomber*; Department of Biomedical Sciences, University of Guelph

14) Perioperative Management and Outcome of Bilateral Adrenalectomy in 9 dogs
Michelle Oblak¹*, Nicholas Bacon², Jen Covey³; ¹Ontario Veterinary College, University of Guelph; ²College of Veterinary Medicine, University of Florida, Gainesville, FL, USA; ³Pittsburgh Veterinary Specialty and Emergency Center, Pittsburgh, PA, USA

15) In Vitro Effects of Wee1 Kinase Inhibition on Chemotherapy and Radiation Response in Osteosarcoma Cell Lines
Steven G. Patten, Sarah Darakhshan, Devan E. Thompson, Kaela Shaw, Carl R. Walkley, Anthony J. Mutsaers*; Department of Biomedical Sciences, University of Guelph

16) Regulation of Noxa expression by miR-23a in heat-stressed cells
Rabih Roufayel, Donald Johnston, Dick D. Mosser*; Department of Molecular & Cellular Biology, University of Guelph

17) miRNA regulation of Puma translation in heat-shocked cells
Rebecca Rumney, Richard D. Mosser*; Department of Molecular & Cellular Biology, University of Guelph
18) The Effects of 3TSR and Combinational Metronomic Chemotherapy on Epithelial Ovarian Cancer
Samantha Russell¹, Jack Lawler², Jim Petrik¹*; ¹Department of Biomedical Sciences, University of Guelph, ²Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts, USA

19) Treating high-grade glioma with oncolytic virotherapy and histone deacetylase inhibitors
Zafir Syed, Scott Walsh, Byram W. Bridle*; Department of Pathobiology, University of Guelph

20) The Effects of 3TSR Fusion Proteins on Ovarian Cancer
Simone ten Kortenaar, Jack Lawler²*, Jim Petrik¹*; ¹Biomedical Sciences, Ontario Veterinary College, University of Guelph; ²Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts, USA

21) The development of recombinant Parapoxvirus ovis (ORFV) for use in oncolytic virotherapy.
Jacob P. van Vloten, Jondavid de Jong and Sarah K. Wootton*; Department of Pathobiology, University of Guelph

22) Delivery of toxic topoisomerase mutant alleles by DNA ministrings for ovarian cancer gene therapy
Shirley Wong, Nafiseh Nafissi, Chi Hong Sum, Roderick Slavcev*; School of Pharmacy, University of Waterloo