Publication/Presentation List – Past and Present CaRTT Awardees

Awardee's Name: Ahmed, Hassaan

M. Kirby, S. Svenningson, H. Ahmed, Wheatley, and G. Parraga. Quantitative Evaluation of Hyperpolarized Helium-3 Magnetic Resonance Imaging of Lung Function Variability in Cystic Fibrosis. Academic Radiology. 2011. 18: 1006-13 40%

H. Ahmed, S. Choy, A. Wheatley, and G. Parraga. Development of Spatial-Temporal Ventilation Heterogeneity and Probability Analysis Tools for Hyperpolarized Helium-3 Magnetic Resonance Imaging. The International Society for Optical Engineering (SPIE) Biomedical Applications in Molecular, Structural, and Functional Imaging Proceedings, (10/09).

Presentations:
H. Ahmed, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Focused Ultrasound and Microbubble Induced Blood-Tumor-Barrier Response Following Focused Ultrasound and Microbubble Treatment in a Rat Glioma Model – Can we improve drug delivery to brain tumors? Research Oncology Day, London, Ontario, Canada (06/14). Poster Presentation

H. Ahmed, A. Waspe, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Focused Ultrasound and Microbubble Induced Blood-Tumor-Barrier Response Following Focused Ultrasound and Microbubble Treatment in a Rat Glioma Model – Can we improve drug delivery to brain tumors? Imaging Network of Ontario Symposium, Toronto, Ontario, Canada (02/14). Poster Presentation

H. Ahmed, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Quantitative Evaluation of Acute Tumor Response Following Focused Ultrasound and Microbubble Treatment Using Dynamic Contrast Enhanced Computed Tomography. Radiological Society of North America (RSNA) Conference, Chicago, Illinois, USA (12/13). Oral Presentation

H. Ahmed, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Evaluation of Short-term Tumor Response Following Focused Ultrasound and Microbubble Treatment Using Dynamic Contrast Enhanced Computed Tomography in Rat Glioma. Canadian Cancer Research Conference, Toronto, Ontario, Canada (11/13). Poster Presentation

H. Ahmed, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Focused Ultrasound and Microbubble Induced Blood-Tumor-Barrier Response Following Focused Ultrasound and Microbubble Treatment in a Rat Glioma Model. Research Oncology Day, London, Ontario, Canada (06/13). Poster Presentation

H. Ahmed, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Focused Ultrasound and Microbubble Induced Blood-Tumor-Barrier Response Following Focused Ultrasound and Microbubble Treatment in a Rat Glioma Model. London Imaging Discovery Day, London, Ontario, Canada (06/13). Poster Presentation.

H. Ahmed, A. Waspe, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Focused Ultrasound and Microbubble Induced Blood-Brain-Barrier Disruption: Quantifying Endothelial Permeability using Dynamic Contrast Enhanced Computed Tomography. Imaging Network of Ontario Symposium, Toronto, Ontario, Canada (02/13). Oral Presentation

H. Ahmed, A. Waspe, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Focused Ultrasound and Microbubble Induced Blood-Brain-Barrier Disruption: Quantifying Endothelial Permeability using Dynamic Contrast Enhanced

Computed Tomography. Radiological Society of North America (RSNA) Conference, Chicago, Illinois, USA (11/12). Oral Presentation

H. Ahmed, A. Waspe, R. Chopra, K. Hynynen, D. Jackson, and TY. Lee. Focused Ultrasound and Microbubble Induced Blood-Brain-Barrier Disruption: Quantifying Endothelial Permeability using Dynamic Contrast Enhanced Computed Tomography. London Imaging Discovery Day, London, Ontario, Canada (06/12). Poster Presentation

H. Ahmed, S. Choy, A. Wheatley, and G. Parraga. Development of Spatial Ventilation Heterogeneity and Temporal Probability Image Analysis Tools and application to Asthma Hyperpolarized Helium-3 Magnetic Resonance Imaging. The International Society for Optical Engineering (SPIE) Biomedical Applications in Molecular, Structural, and Functional Imaging Conference, San Diego, California, USA (02/10). Oral Presentation

H. Ahmed, A. Wheatley, R. Etemad-Rezai, NAM. Paterson, and G. Parraga. Hyperpolarized Helium-3 Magnetic Resonance Imaging of Adult Cystic Fibrosis: Diffusion-weighed and Static Ventilation Imaging Measurement Precision for Clinical Trials. Radiological Society of North America (RSNA) Conference, Chicago, Illinois, USA (11/09). Oral Presentation

Awardee's Name: Alemayehu, Mistre

Alemayehu M, Bhattacharya M. (2011) β-arrestin regulates lysophosphatidic acid-mediated invasiveness of human breast tumor cells via Rap1 and IQGAP1. Poster Presentation: Department of Oncology Research & Education Day, London ON.

Alemayehu M, Zajac M, Pape C, Bhattacharya M. (2010) Rap1 GTPases regulate lysophosphatidic acid-induced breast cancer migration and invasion. Poster Presentation: Department of Oncology Research & Education Day, London ON.

M. Alemayehu, M. Zajac, C. Pape, M. Bhattacharya; Rap1 regulates lysophosphatidic acid-induced breast cancer migration and invasion. The Margaret P. Moffat Graduate Research Day; 2010, London, ON

M. Alemayehu, M. Zajac, C. Pape, M. Bhattacharya; Rap1 regulates breast cancer migration and invasion.

Annual Physiology and Pharmacology Research Day; 2009, London, ON

Awardee's Name: Amiri, Mehdi

Cecchini, M.J., Amiri, M., and Dick, F.A. (2012) Analysis of cell cycle position in mammalian cells. J. Vis. Exp. 21;(59). pii: 3491. doi: 10.3791/3491.

Amiri, M., and Dick, F. A. Investigating the role of Retinoblastoma protein (pRB) and Transforming Growth Factor-β (TGF-β) in cancer suppression. The 9th Annual Oncology Research & Education Day, June 22nd, 2012. (Poster Presentation)

Awardee's Name: Baktash, Navid

Navid Baktash, Hon Leong, John D. Lewis. One Protein, two opposing effects: Understanding the differential basis of anti-angiogenic and pro-angiogenic activity of EGFL7 expression by tumor and endothelial cells respectively. In proceedings of oncology research and education day, June 22nd, 2012. London, Ontario. Pg. 20. Abstract # 7 (100% contribution)

Navid Baktash, John D. Lewis. Differential Regulation of EGFL7 Transcripts during Tumor Angiogenesis. In proceedings of London Health Research Day, 2012, March 20th. London, Ontario. P.45. Abstract # 19 (100% Contribution)

Navid Baktash, Laura Fung, Ablack Amber, John. D Lewis. The role of alternative transcripts in the differential regulation of EGFL7 and miR-126 during tumor angiogenesis. In proceedings of the Canadian Cancer Research Conference, Nov 29th, 2011. Toronto, Ontario. Pg 216 Abstract M09. (100% Contribution)

Baktash, N., Ablack, A., Lewis, J. (2011) "Elucidating the function of EGFL7 independent of miR-126 during tumor angiogenesis." Oncology Research and Education Day

Baktash, N., Fung, L., Pink D., Ablack A., Lewis. J. (2011) "EGL7 is potent endogenous inhibitor of tumor angiogenesis". Annual Association of Cancer Research Conference, Orlando Florida (AACR)

Fung Laura, Navid Baktash, Amber Ablack, Desmond Pink, John D. Lewis. EGFL7 is a potent endogenous inhibitor of tumor angiogenesis [abstract]. In proceedings of the 102 Annual Meeting of the American of Cancer Research; 2011 April 2-6; Orlando, Florida. AACR;2011 p.455 Abstract nr Association 514 (25% Contribution)

Awardee's Name: Bérubé-Janzen, Wesley

Kleinstiver B.P., Bérubé-Janzen W., Fernandes A.D. and Edgell D.R. (2011) Divalent metal ion differentially regulates the sequential nicking reactions of the GIY-YIG homing endonuclease I-BmoI. PLoS ONE. 6, e23804. doi:10.1371/journal.pone.0023804.

Bérubé-Janzen, W. and Schild-Poulter, C. Characterizing the interaction between RanBPM and c-Raf.
10th Annual Oncology Research and Education Day
London, Ontario
June 21st, 2013

Bérubé-Janzen, W. and Schild-Poulter, C. Characterizing the interaction between RanBPM and c-Raf.
3rd Annual London Health Research Day
London, Ontario
March 18th, 2014

Bérubé-Janzen, W. and Schild-Poulter, C. Characterizing the interaction between RanBPM and c-Raf.
1st Annual Robarts Research Day
London, Ontario
June 9th, 2014

Bérubé-Janzen, W. and Schild-Poulter, C. Characterizing the interaction between RanBPM and c-Raf.
11th Annual Oncology Research and Education Day
London, Ontario
June 20th, 2014

Awardee's Name: Black, Morgan

Nichols AC, Black M, Pinto N, Yoo J, Fernandes A, Haibe-Kains B, Boutros PC, and Barrett JW (2014) Exploiting high-throughput cell line drug screening studies to identify candidate therapeutic agents in head and neck cancer. BMC Pharmicol Toxicol (Submitted) (40%)

Ross JA, Trussler RS, Black MD, McLellan CR and Haniford DB (2014) Tn5 transposition in Escherichia coli is repressed by Hfq and activated by over-expression of the small non-coding RNA SgrS. Mob DNA (Submitted) (15%)

Pinto N, Black M, Patel K, Yoo J, Mymryk JS, Barrett JW and Nichols AC (2014) Genomically Driven Precision Medicine to Improve Outcomes in Anaplastic Thyroid Cancer. J Oncology 2014. (20%)

Mundi N, Um S, Yoo J, Rizzo G, Black M, Pinto N, Palma DA, Fung K, MacNeil D, Mymryk JS, Barrett JW, and Nichols AC (2014) The control of anaplastic thyroid carcinoma cell lines by oncolytic poxviruses. Virus Res 190:53–9. (5%)

Rizzo G, Black M, Mymryk J, Barrett J, and Nichols A. (2014) Defining the genomic landscape of head and neck cancers through next-generation sequencing. Oral Dis doi: 10.1111/odi.12246. (20%)

Morgan Black, Frederick Vizeacoumar, Dr. Alessandro Datti, Dr. Joe Mymryk, Dr. John Barrett, Dr. Anthony Nichols (June 2014) High throughput screening for drug discovery in head and neck squamous cell carcinoma. Poster Presentation. Oncology Research and Education Day. Department of Oncology, University of Western Ontario, Canada.

Morgan Black (January 2014) High throughput screening for drug discovery in head and neck squamous cell carcinoma. Oral Presentation. Research Seminar. Department of Anatomy and Cell Biology, University of Western Ontario, Canada.

Morgan Black (October 2013) High throughput screening for drug discovery in head and neck squamous cell carcinoma. Oral Presentation. Research Seminar. Department of Anatomy and Cell Biology, University of Western Ontario, Canada.

Michael Ellis, Morgan Black, Ryan Trussler and Dr. D. Haniford (June 2013) Hfq alters RNA secondary structure to facilitate antisense pairing in Tn10/IS10. Poster Presentation. International Conference: Regulating with RNA in Bacteria. Würzburg University, Germany.

Joseph Ross, Morgan Black, and Dr. D. Haniford (June 2013) Tn5/IS50 transposition is positively regulated by the trans-encoded regulatory RNA SgrS. Poster Presentation. International Conference: Regulating with RNA in Bacteria. Würzburg University, Germany.

Morgan Black (April 2012) Regulation of Burkholderia phenoliruptrix IS1413 transposase expression by bacterial host factor Hfq. Oral Presentation. Final Thesis Presentation. Department of Biochemistry, University of Western Ontario, Canada

Morgan Black and Dr. D. Haniford (January 2012) Regulation of transposition by host factor Hfq through interactions with the 5' end. Poster Presentation. Thesis Poster Presentation. Department of Biochemistry, University of Western Ontario, Canada

Morgan Black (October 2011) Hfq regulation of Burkholderia cepacia insertion element IS1413. Oral presentation. Introductory Thesis Presentation. Department of Biochemistry, University of Western Ontario, Canada

Morgan Black, Brian Munshaw and Dr. D. Haniford (August 2011) The effects of Hfq regulation on Escherichia coli insertion sequence element IS10R. Poster Presentation. Final BUSRP Poster Presentation. Department of Biochemistry, University of Western Ontario, Canada

Awardee's Name: Blake, Alexandra

June 2014. Department of Oncology Research and Education Day: Blake A, Dragan M, Tirona R and Bhattacharya M. The Role of KISS1R in Breast Cancer Chemoresistance. Poster Presentation.

March 2014 London Health Research Day: Blake A, Cvetkovic D, Dragan M, Tirona R and Bhattacharya M. The Role of KISS1R in Regulating EGFR and Chemoresistance in Breast Cancer. Poster Presentation.

November 2013 Gowdey Lecture and Research Day: Blake A, Cvetkovic D, Dragan M, Tirona R and Bhattacharya M. The Role of KISS1R in Regulating EGFR and Chemoresistance in Breast Cancer. Poster Presentation.

April 2013 Biochemistry and Cell Biology and Anatomy Research Day: Blake A, Regnault T and Rogers K. Interactive Impact of IUGR and Western Diet on Guinea Pig Hepatic Insulin Resistance and NAFLD. Podium Presentation.

January 2013 Showcase for Biochemistry Students: Blake A, Regnault T and Rogers K. Interactive Impace of IUGR and Western Diet on Guinea Pig Hepatic Insulin Resistance and NAFLD. Poster Presentation.

Awardee's Name: Carnevale, Jasmyne

Carnevale, J., Palander, O., Seifried, L.A., and Dick, F.A. (2012) DNA damage signals through differentially modified E2F1 molecules to induce apoptosis. Mol. Cell. Biol. 34, 900-912. (TOP 5 JOURNAL)

Carnevale J and Dick FA. (2011) The Role of Post-translational Modifications in Regulating pRB-E2F1 Interactions Following DNA Damage. Poster - Department of Oncology Research & Education Day, London ON

Carnevale, J., Palander, O., Seifried, L.A., and Dick, F.A. (2011) DNA damage signals through differentially modified E2F1 molecules to induce apoptosis. Second International Retinoblastoma Meeting, Toronto, Ontario, November 2011.

Awardee's Name: Cecchini, Matthew

Cecchini MJ, Amiri M, Dick FA. Analysis of cell cycle position in mammalian cells. Journal of Visualized Experiments : JoVE. 2012(59). (50%)

Cecchini, M.J., Passos, D.T., Thwaites, M., Talluri, S., Chong, J., Carnevale, J., Francis, S.M., Stafford, P., Leone, G., Welch, I., and Dick, F.A., (2012) Mechanism of tumor suppression by the retinoblastoma pathway. Mechanisms & Models of Cancer: Cold Spring Harbor Laboratory

Zhang WX, Thakur V, Lomize A, Pogozheva I, Panagabko C, Cecchini M, et al. The contribution of surface residues to membrane binding and ligand transfer by the alpha-tocopherol transfer protein (alpha-TTP). J Mol Biol. 2011;405(4):972-988. (10%)

Pelka P, Miller MS, Cecchini M, Yousef AF, Bowdish DM, Dick F, et al. Adenovirus E1A directly targets the E2F/DP-1 complex. J Virol. 2011;85(17):8841-8851. (5%) (TOP 5 JOURNAL)

Cecchini MJ, Passos D, Francis SM, Dick FA. (2011) pRB regulates proliferation and tumor suppression interchangeably through control of E2F activity and p27 stability. Oncology Research and Education Day (Oral Presentation)

Cecchini MJ, Dick FA. The biochemical basis of CDK phosphorylation-independent regulation of E2F1 by the retinoblastoma protein. Biochem J. 2011;434(2):297-308. (90%) (TOP 5 JOURNAL)

Hirschi A, Cecchini M, Steinhardt RC, Schamber MR, Dick FA, Rubin SM. An overlapping kinase and phosphatase docking site regulates activity of the retinoblastoma protein. Nat Struct Mol Biol. 2010;17(9):1051-1057. (30%) (TOP 5 JOURNAL)

Cecchini, M., and Dick, FA. (2010) E2F regulation is dispensable for growth control mediated by pRB. The Cell Cycle: Cold Spring Harbor Laboratory. (Oral Presentation)

Cecchini, M., and Dick, FA. (2009) E2F and CdhI collaborate with pRB to regulate cell cycle entry. The first international RB meeting

Cecchini, M., and Dick, FA. (2009) Investigating the role of the E2F1 specific binding site in the retinoblastoma tumor suppressor. Oncology Research and Education Day

Awardee's Name: Chen, Di

D Chen, J Koropatnick , N Jiang, X Zheng, X Zhang, R Li, King S Siu, A Shunnar, C Way and W Min. Targeted siRNA silencing of IDO in dendritic cells using mannose-conjugated liposomes: a novel strategy for treatment of melanoma. (submitted to Journal of immunotherapy, under revision)

D Chen, J Koropatnick , N Jiang, X Zheng, X Zhang, R Li, King S Siu, A Shunnar, C Way and W Min. A novel RNAi therapy for Allergic dermititis though gene silencing of MyD88 and TNF-α. (submitted to European Journal of inflammation)

Jiang N, Zhang X, Zheng X, Chen D, Zhang Y, Siu LK, Xin HB, Li R, Zhao H, Riordan N, Ichim TE, Quan D, Jevnikar AM, Chen G, Min W. Targeted gene silencing of TLR4 using liposomal nanoparticles for preventing liver ischemia reperfusion injury. Am J Transplant. 2011 Jul 27. [Epub ahead of print] (10%) (TOP 5 JOURNAL)

X Zhang, N Jiang, D Chen, J Jiang, X Zheng, L Siu, B Garcia, A.M. Jevnikar and W Min. Mannose-Liposome Directed siRNA Silencing of CD40 To Prevent Cardiac Allograft Rejection. American Journal of Transplantation 2011, 11 (S2): 81. (20%) (TOP 5 JOURNAL)

X. Zheng, J. Jiang, X. Zhang, D. Chen, B. Navarro, P. Luke, B. Garcia, A. M. Jevnikar, W. Min. Minimizing Donor Immunogeneicity in Kidney Transplantation Using siRNA. American Journal of Transplantation 2011, 11 (S2): 30. (10%) (TOP 5 JOURNAL)

X Zhang, M Beduhn, D Lian, X Zheng, J Jiang, A Shunnar, D Chen, N Jiang, Y Zhang, B Navarro, P Luke, AM Jevnikar and W Min. Prevent Heart Graft Rejection by Silencing TLR4 Gene Through RNA Interference. Am J Transplant 2010, Supplement 4, Vol 10: 556. (10%) (TOP 5 JOURNAL)

X Zheng, X Zhang, A Shunnar, D Chen, N Jiang, E Huh, Y Zhang, B Garcia, J Koropatnick, W Min. A novel Gene-silenced dendritic cell vaccine for breast cancer. Clinical Immunology 2010, Vol 135: S14. (10%)

X Zheng, J Jiang, X Zhang, A Shunnar, D Chen, N Jiang, Y Zhang, B Navarro, P Luke, AM Jevnikar and W Min. Preventing Acute Rejection in Kidney Transplantation through Gene Silencing C3. Am J Transplant 2010, Supplement 4, Vol 10: 388. (10%) (TOP 5 JOURNAL)

Presentations:
May,2009; Pathology research day; poster presentation;
Mar, 2010; Lawson health research day; poster presentation;
May,2010; Pathology research day; oral presentation;
June, 2010; Oncology research day; poster presentation;
Mar, 2011; Lawson health research day; poster presentation;
May, 2011; pathology research day; Oral presentation;
June, 2011; Oncology research day; Excellent poster presentation award;
Mar, 2012; London health research day; Oral presentation;
May,2012; Pathology research day; Oral presentation;
June, 2012; CIHR poster presentation; Golden award;
June, 2012; Oncology health research day; poster presentation;

Awardee's Name: Cho, Choi-Fong

Azad, B.B, Cho, C.F., Luyt, L. and Lewis, J.D. (2012) Synthesis, radiometal labeling and in vitro evaluation of a targeted PPIX derivative. Applied Radiation and Isotopes. 70: 505 – 511. (20%)

Cho, C.F., Ablack, A., Leong, H.S., Zijlstra, A. and Lewis, J.D. (2011) Evaluation of nanoparticle uptake in tumors in real time using intravital imaging. J Vis Exp. 2011 Jun 21;(52). pii: 2808. doi: 10.3791/2808. (75%)

Steinmetz, N.F., Cho, C.F., Ablack, A., Lewis, J.D., Manchester, M.M. (2011) CPMV nanoparticles target surface vimentin on cancer cells. Nanomedicine. 6: 351-364 (20%) (TOP 5 JOURNAL)

Cho, C.F., Steinmetz, N.F., Ablack, A., Manchester, M.M. and Lewis, J.D. (2011) Evaluation of viral nanoparticle uptake in vimentin-expressing tumors using intravital imaging. 2011 World Molecular Imaging Congress.

Amadei, G., Cho, C.F., Luyt, L. and Lewis, J.D. (2010) A fast, reproducible and low-cost method for sequence deconvolution of "on-bead" peptides via "on-target" MALDI-TOF/TOF mass spectrometry. Journal of Mass Spectrometry. 45: 241-51. (20%)

Azad, B., Cho, C.F., Luyt, L. and Lewis, J.D. (2010) PPIX-RGD Analogues for Dual Modality (Optical, PET) Imaging. Pacifichem 2010.

Esguerra, K.V.N., Zhang, J., Cho, C.F., Lewis, J.D., Turley, E.A., Luyt, L. (2010) Tubulin derived peptides as optical imaging probes targeting RHAMM. 2010 SNM Annual Meeting.

Cho, C.F., Amadei, G., Breadner, D., Luyt, L. and Lewis, J.D. (2010) The discovery of novel non-RGD-containing avb3 ligands for molecular imaging. AACR 102nd Annual Meeting 2011. (Received Scholar-in-Training award)

Cho, C.F., Amadei, G., Breadner, D., Luyt, L. and Lewis, J.D. (2010) The discovery of novel non-RGD-containing avb3 ligands for molecular imaging. 2010 World Molecular Imaging Congress. (Awarded for excellence)

Cho, C.F., Amadei, G., Luyt, L and Lewis, J.D. (2009) Discovery of unique molecular imaging probes for avb3-integrin from a combinatorial peptide library using a novel 'beads on a bead' approach. Cancer Microenvironment.

Cho, C.F., Amadei, G., Luyt, L and Lewis, J.D. (2009) A novel 'beads on a bead' approach enables high throughput discovery of ligands for non-invasive molecular imaging. 2009 World Molecular Imaging Congress.

The Discovery of EGFL7-Binding Peptide Ligands for Molecular Imaging Using a Novel "Beads on a Bead" Approach. Oncology Research & Education Day. 2009. (Award winning presentation)

Cho, C.F., Nsiama, T., Luyt, L. and Lewis, J.D. (2011) Novel peptides targeted against EGFL7 inhibit angiogenesis. Oncology Research & Education Day. (Awarded best poster)

Cho, C.F., Amadei, G., Luyt, L and Lewis, J.D. (2009) Discovery of unique molecular imaging probes for avb3-integrin from a combinatorial peptide library using a novel 'beads on a bead' approach. Tumour Microenvironment: Progression, Therapy & Prevention.

Awardee's Name: Chu, Jenny

Chu, J.E., and Allan, A.L. The role of cancer stem cells in the organ tropism of breast cancer metastasis: a mechanistic balance between the "seed" and the "soil"?. Int J Breast Cancer. 2011 Sept 19. Volume 2012. Manuscript ID: 209748.

Hedley, B.D.*, Chu, J.E.*, Ormond, D.G., Beausoleil, M., Boasie, A., Allan, A.L., and Xenocostas, A. rHuEPO in combination with chemotherapy increases the metastatic rate and burden in a mouse model of breast cancer. Clin Cancer Res. 2011 Oct 1;17(19):6151-62, PMID: 21856770. *Joint first authors

Chu, J.E., and Allan, A.L. "Chapter 2 - Cancer Stem Cells in Breast Cancer." Cancer Stem Cells in Solid Tumors. Stem Cell Biology and Regenerative Medicine. Ed. A.L. Allan. Springer Science, 2011

Chu, J.E., Goodale D., Allan, A.L. Organ Tropism of Stem-Like Breast Cancer Cells in the Metastatic Process. Canadian Cancer Research Conference, Toronto ON, November 2011. [Abstract/Poster Presentation]

Chu, J.E., Goodale, D., Allan, A.L. Organ Tropism of Stem-Like Breast Cancer Cells in the Metastatic Process. Oncology Research and Education Day, University of Western Ontario, June 2011. [Abstract/Oral Presentation]

Chu, J.E., Goodale, D., Allan, A.L. Organ Tropism of Stem-Like Breast Cancer Cells in the Metastatic Process. Lawson Research Day, London ON, March 2011. [Abstract/Oral Presentation]

Chu, J.E., Goodale, D., Allan, A.L. Organ Tropism of Stem-Like Breast Cancer Cells in the Metastatic Process. Keystone Symposia on Cancer, Stem Cells and Metastasis, Keystone CO, March 2011. [Abstract/Poster Presentation]

Chu, J.E. and Allan, A.L. Organ tropism of stem-like breast cancer cells in the metastatic process. University of Western Ontario, Anatomy and Cell Biology Research Day, London ON, October 2010. [Poster Presentation]

Awardee's Name: Cohen, Michael

Kris S. Marshall, Michael J. Cohen*, Gregory J Fonseca*, Cason R. King, Ahmed F. Yousef, Zhiying Zhang, and Joe S. Mymryk (*Authors contributed equally) Identification and characterization of nuclear localization signals within adenovirus E1A FASEB Journal Submitted 10/2013

Cohen MJ, Yousef AF, Massimi P, Fonseca GJ, Todorovic B, Pelka P, Turnell AS, Banks L, Mymryk JS
Dissection of the C-terminal region of E1A re-defines the roles of CtBP and other cellular targets in oncogenic transformation. J Virol. 2013 Sep;87(18):10348-55

Fonseca GJ, Cohen MJ, Nichols AC, Barrett JW, Mymryk JS
Viral retasking of hBre1 to recruit hPaf1 for transcriptional activation
PLoS Pathogens 2013;9(6):e1003411

Yousef AF*, Fonseca GJ*, Cohen MJ*, Mymryk JS
(*Authors contributed Equally)
The C-terminal region of E1A: a molecular tool for cellular cartography
Biochem Cell Biol. 2012 Apr;90(20):153-63

Miller MS, Pelka P, Fonseca GJ, Cohen MJ, Kelly JN, Barr SD, Grand RG, Turnell AS, Whyte P, Mymryk JS
Characterization of the 55-Residue Protein Encoded by the 9S E1A mRNA of Species C Adenovirus
J Virol. 2012 Apr;86(8):4222-33 (TOP 5 JOURNAL)

Ablack JNG, Cohen MJ, Fonseca GJ, Thillainadesan G, Pelka, P, Torchia J, Mymryk JS
Cellular GCN5 is a Novel Regulator of Human Adenovirus E1A-Conserved Region 3 Transactivation
J Virol. 2012 Aug;86(15):8198-209 (TOP 5 JOURNAL)

Vali B, Tohn R, Cohen MJ, Sakhdari A, Sheth PM, Yue FY, Wong D, Kovacs C, Kaul R, Ostrowski MA. Characterization of cross-reactive CD8+ T-cell recognition of HLA-A2-restricted HIV-Gag (SLYNTVATL) and HCV-NS5b (ALYDVVSKL) epitopes in individuals infected with human immunodeficiency and hepatitis C viruses J Virol. 2011 Jan;85(1):254-63 (TOP 5 JOURNAL)

Presentations:
Cohen MJ, Yousef AF, Massimi P, Turnell AS, Banks L, Mymryk JS
Dissection of the C-terminal region of E1A re-defines the roles of CtBP and other cellular targets in oncogenic transformation.
2013 London Health Research Day, London Ontario, Oral Presentation
2013 Oncology Research and Education Day, London Ontario, Poster Presentation
Cohen MJ, Yousef AF, Massimi P, Turnell AS, Banks L, Mymryk JS
"Mapping the Undiscovered Country of the Human Adenovirus E1A Oncoprotein: The C-terminal Region and its Functions"
2012 DNA Tumor Virus Meeting, Montreal Quebec, Oral Presentation

Cohen MJ, Yousef AF, Massimi P, Turnell AS, Banks L, Mymryk JS
"Mapping the Undiscovered Country of the Human Adenovirus E1A Oncoprotein: The C-terminal Region and its Functions"
2012 Oncology Research Day, London Ontario, Poster Presentation

Cohen MJ, Yousef AF, Massimi P, Turnell AS, Banks L, Mymryk JS
"Mapping the Undiscovered Country of the Human Adenovirus E1A Oncoprotein: The C-terminal Region and its Functions"
2012 London Health Research Day, London, Ontario, Poster Presentation

Cohen MJ, Yousef AF, Becker W, Mymryk JS
Sifting through the “dyrt” reveals yet another kinase story: Characterizing the interaction between E1A and DYRK1A
2011 DNA Tumor Virus Meeting, Trieste, Italy, Oral Presentation

Cohen MJ, Villeneuve D, Mymryk JS, Hertel L
“The Hunt for Mitochondrially Localized Cytomegalovirus Proteins”
2010 DNA Tumor Virus Meeting, Madison Wisconsin, Poster Presentation

Cohen MJ, Villeneuve D, Mymryk JS, Hertel L
“The Hunt for Mitochondrially Localized Cytomegalovirus Proteins”
2010 Oncology Research Day, London Ontario, Poster Presentation

Cohen MJ, Villeneuve D, Mymryk JS, Hertel L
“The Hunt for Mitochondrially Localized Cytomegalovirus Proteins”
2010 Margaret Moffat Research Day, London Ontario, Poster Presentation

Cohen MJ, Villeneuve D, Mymryk JS, Hertel L
“The Hunt for Mitochondrially Localized Cytomegalovirus Proteins”
2009 Infection and Immunity Research Forum, London Ontario, Poster Presentation

Awardee’s Name: Correa, Rohann

Rohann J.M. Correa, Monica Komar, Jessica G. Tong, Milani Sivapragasam, Masmudur M Rahman, Grant McFadden, Gabriel E. DiMattia, Trevor G. Shepherd (2012) Myxoma virus – mediated oncolysis of ascites-derived human ovarian cancer cells and spheroids is impacted by differential Akt activity. Gynecologic Oncology. 125(2): 441- 50

Teresa M. Peart, Rohann J. M. Correa, Yudith Ramos-Valdés, Gabriel E. DiMattia, Trevor G. Shepherd (2012) BMP signalling controls the malignant potential of ascites-derived human epithelial ovarian cancer spheroids via AKT kinase activation. Clinical Experimental Metastasis. 29(4): 293-313

Rohann J.M. Correa, Teresa M. Peart, Yudith Ramos-Valdés, Gabriel E. DiMattia, Trevor G. Shepherd (2012) Modulation of AKT activity is associated with reversible dormancy in ascites-derived epithelial ovarian cancer spheroids. Oncogenesis. 33(1): 49-58

Conference Presentations:
Rohann J.M. Correa, Monique Bertrand, Michel Prefontaine, Akira Sugimoto, Trevor G. Shepherd, Gabriel E. DiMattia (2011) Modulation of AKT activity is associated with reversible dormancy in ascites-derived epithelial ovarian cancer spheroids. CIHR-STP CaRTT and Dept. of Oncology Research & Education Day, June 17, London, ON

Rohann J.M. Correa, Monique A. Bertrand, Michel Préfontaine, Akira K. Sugimoto, Trevor G. Shepherd, and Gabriel E. DiMattia (2011) Akt activity mediates reversible dormancy in patient ascites-derived epithelial ovarian cancer spheroids. AACR Special Conference: Targeting mTOR/PI3K Signaling in Cancer, February 24-27, 2011, San Francisco, CA, USA

Rohann J.M. Correa**, Yudith Ramos-Valdés, Monique Bertrand, Michel Prefontaine, Akira Sugimoto, Trevor G. Shepherd, Gabriel E. DiMattia (2011). Modulation of AKT activity is associated with reversible dormancy in ascites-

derived epithelial ovarian cancer spheroids. 9th Annual Paul Harding Research Awards Day, April 27, London, ON. **Second Place Oral Presentation Award in Graduate Student Category

Rohann J.M. Correa**, Yudith Ramos-Valdés, Monique Bertrand, Michel Prefontaine, Akira Sugimoto, Trevor G. Shepherd, Gabriel E. DiMattia (2010) Spheroid culture of primary human ovarian cancer cells attenuates proliferation, alters autophagy and differentially regulates growth/survival signaling. CIHR-STP CaRTT and Dept. of Oncology Research & Education Day, June 18, London, ON **Oral presentation award

Rohann J.M. Correa**, Yudith Ramos-Valdés, Monique A. Bertrand, Michel Préfontaine, Akira K. Sugimoto, Trevor G. Shepherd, and Gabriel E. DiMattia (2010) Non-adherent culture of primary epithelial ovarian cancer cells induces autophagy, suppresses proliferation, and reduces Akt activity. Canadian Conference on Ovarian Cancer Research, May 15-18, Toronto, ON, Canada **Best oral presentation award (Teal Heart Award)

Rohann J.M. Correa**, Yudith Ramos-Valdes, Trevor G. Shepherd and Gabriel E. DiMattia (2010). Tumoursphere culture of primary human epithelial ovarian cancer cells induces autophagy, attenuates proliferation, and alters growth/survival signaling pathway activity. Margaret Moffat Research Day, March 31, London, ON, Canada. **First Place Poster Presentation Award in Cancer Division #2

Rohann J.M. Correa, Yudith Ramos-Valdés, Monique A. Bertrand, Dominique Lanvin, Michel Préfontaine, Akira K. Sugimoto, Trevor G. Shepherd, and Gabriel E. DiMattia (2009) Active PI3K-Akt signaling promotes the metastatic potential of ascites-derived epithelial ovarian cancer cells. Canadian Society for Clinical Investigation Young Investigators Forum, Sept. 23, Ottawa, ON, Canada

Rohann J.M. Correa**, Yudith Ramos-Valdés, Monique Bertrand, Dominique Lanvin, Michel Prefontaine, Akira Sugimoto, Gabriel E. DiMattia, Trevor G. Shepherd (2009) Active PI3K-Akt signaling promotes the metastatic potential of ascites-derived epithelial ovarian cancer cells. CIHR-STP CaRTT and Dept. of Oncology Research & Education Day, June 12, London, ON **Poster presentation award

Rohann J.M. Correa**, Yudith Ramos-Valdés, Monique Bertrand, Dominique Lanvin, Michel Prefontaine, Akira Sugimoto, Gabriel E. DiMattia, Trevor G. Shepherd (2009) Active PI3K-Akt signaling promotes the metastatic potential of ascites-derived epithelial ovarian cancer cells. 7th Annual Paul Harding Research Awards Day, May 13, London, ON. **First Place Poster Presentation Award in Graduate Student Category

Awardee's Name: Coschi, Courtney

Coschi CH, Dick FA. Chromosome instability and deregulated proliferation- an unavoidable duo. (2012) Cell Mol Life Sci. 69(12): 2009-24.Percent contribution: 75%

Lay articles published as part of the Research Information Outreach Team under the Canadian Cancer Society:

Debunking Myths About Cancer Research. May 2012. The Londoner.

Cancer Cells Gone Rogue. June 2011. The Londoner.

Coschi CH, Martens AL, Ritchie K, Francis SM, Chakrabarti S, Bérubé NG, Dick FA. Mitotic chromosome condensation mediated by the retinoblastoma protein is tumor suppressive. (2010) Genes Dev. 24(13): 1351-63. Percent contribution: 70% (TOP 5 JOURNAL)

Francis SM, Bergsied J, Isaac CE, Coschi CH, Martens AL, Hojilla CV, Chakrabarti S, DiMattia GE, Khoka R, Wang JYJ, and Dick FA. A functional connection between pRB and TGF-β in growth inhibition and mammary gland development. (2009) Mol Cell Biol. 29(16): 4455-66. Percent contribution: 10% (TOP 5 JOURNAL)

Mechanisms and Models of Cancer August 2012
Coschi CH*, Martens AL, Dick FA. Haploinsufficiency of the retinoblastoma protein compromises genome stability. Cold Spring Harbor Laboratory in NY. (Poster)

Oncology Research and Education Day June 22, 2012
Coschi CH*, Martens AL, Dick FA. Haploinsufficiency of the retinoblastoma protein compromises RB-mediated genome stability and tumor suppression. Oncology Research and Education Day Conference (Poster)

Second International RB Meeting November 2011
Coschi CH*, Martens AL, Dick FA. Mitotic chromosome condensation of the retinoblastoma protein is tumor suppressive. Toronto, Ontario. (Poster)

Oncology Research and Education Day June 17, 2011
Coschi CH*, Martens AL, Ritchie K, Francis SM, Chakrabarti S, Bérubé NG, Dick FA. Mitotic chromosome condensation mediated by the retinoblastoma protein is tumor suppressive. Oncology Research and Education Day Conference. (Poster)

Epigenetics, Eh! May 2011
Coschi CH*, Martens AL, Ritchie K, Francis SM, Chakrabarti S, Bérubé NG, Dick FA. Mitotic chromosome condensation mediated by the retinoblastoma protein is tumor suppressive. London, Ontario. (Poster)

Oncology Research and Education Day June 18, 2010
Coschi CH*, Martens AL, Ritchie K, Francis SM, Chakrabarti S, Bérubé NG, Dick FA. Mitotic chromosome condensation mediated by the retinoblastoma protein is tumor suppressive. Oncology Research and Education Day Conference. (Talk) Awarded- best talk

The Cell Cycle May 2010
Coschi CH*, Martens AL, Ritchie K, Francis SM, Chakrabarti S, Bérubé NG, Dick FA. Mitotic chromosome condensation mediated by the retinoblastoma protein is tumor suppressive. Cold Spring Harbor Laboratory in NY. (Poster)

Margaret Moffat Research Day March 31, 2010
Coschi CH*, Martens AL, Ritchie K, Bérubé NG, Dick FA. Investigating the role of the retinoblastoma protein in regulating heterochromatin and maintaining genome stability. Toronto, Ontario. (Poster) Awarded- best poster in category

First International RB Meeting November 2009
Coschi CH*, Martens AL, Ritchie K, Bérubé NG, Dick FA. Investigating the role of the retinoblastoma protein in regulating heterochromatin and maintaining genome stability. Toronto, Ontario. (Poster)

The following presentations were given to a lay-audience as part of the Research Information Outreach Team under the Canadian Cancer Society. I am one of four presenters. I present an overview of cancer, and an overview of basic science, where it fits into the research continuum, and some of my own ongoing work in the lab.

Volunteer Appreciation Dinner. London, ON. May 2012.
Volunteer Conference, Windsor Branch. Windsor, ON. February 2012.
Regional Volunteer Leadership Conference. London, ON. 2011.
Sanofi-Aventis Challenge. London, ON. April 2011.

Awardee's Name: Coughlan, Niamh

Corkery D, Thillainadesan G, Coughlan N, Mohan RD, Isovic M, Tini M, Torchia J.
Regulation of the BRCA1 gene by an SRC3/53BP1 complex. BMC Biochem 2011;12:50.

Coughlan N, Thillainadesan G, Isovic M, Andrews J, Tini M, and Torchia J.
Identification of estrogen-dependent p/CIP/CARM1 target genes using ChIP-DSL.
BBA - Molecular Cell Research (In Revision)

Poster Presentation at Oncology Day (London, Ontario), June 2012
Coughlan N, Thillainadesan G, Isovic M, Andrews J, Torchia J.
Title: Global genomic analysis of CARM1: a potential role in angiogenesis

Poster Presentation at Oncology Day (London, Ontario), June 2011
Coughlan N, Thillainadesan G, Isovic M, Andrews J, Torchia J.
Title: The p/CIP/CARM1 Complex Mediates Estradiol (E2)-Dependent Gene Regulation in Breast Cancer Cells

Great Lakes Nuclear Receptor Conference (Ann Arbor, MI), October 22-23, 2010
Title: Identification of 17b-estradiol-dependent targets of the p/CIP/CARM1 complex (oral presentation)

Poster Presentation at Oncology Day (London, Ontario), June 2010
Coughlan N, Thillainadesan G, Isovic M, Andrews J, Torchia J.
Title: JAK2 is a possible mediator of hormone-dependent p/CIP oncogenesis in breast cancer

Great Lakes Nuclear Receptor Conference (Ann Arbor, MI), October 22-23, 2010
Title: Identification of 17b-estradiol-dependent targets of the p/CIP/CARM1 complex (oral presentation)

Poster Presentation at Margaret Moffat Research Day (London, Ontario), March 2010
Coughlan N, Thillainadesan G, Isovic M, Andrews J, Torchia J.
Title:The Role of the p/CIP/CARM1 complex in E2-Dependent Gene Regulation

Poster Presentation at Oncology Day (London, Ontario), June 2009
Coughlan N, Thillainadesan G, Isovic M, Torchia J.
Title: The Role of the p/CIP/CARM1 complex in Estrogen-Dependent Gene Regulation

Awardee's Name: Cramp, Anita

Gaston, A., Cramp, A.G., & Prapavessis, H. (2012). Enhancing self-regulatory and exercise readiness in pregnant women. Psychology of Sport and Exercise, 13, 550-557. 50%

Gaston, A., Cramp, A.G., & Prapavessis, H. (2012). Pregnancy—should women put up their feet or lace up their running shoes?: Self-presentation and the exercise stereotype phenomenon during pregnancy Journal of Sport and Exercise Psychology,34(2), 223 - 237. 40%

Wilson, A.J., Jung, M.E., Cramp, A.G., Simatovic, J., Prapavessis, H., & Clarson, C. (2012). Effects of a group-based exercise and self-regulatory intervention on obese adolescents' physical activity, social cognitions, body composition and strength: A randomized feasibility study. Journal of Health Promotion. DOI: 10.1177/1359105311434050. 20%

Cramp, A.G., Fitzgeorge, L., & Prapavessis. (2011). Cancer risk: Are we well behaved? Current Oncology, 18(3). 75%

Cramp, A.G., & Bray, S.R. (2011). Understanding exercise self-efficacy and barriers to leisure-time physical activity among postnatal women. Maternal and Child Health Journal, 15(5), 642-651. doi: 10.1007/s10995-010-0617-4. 90% (TOP 5 JOURNAL)

Gaston, A., & Cramp, A.G. (2011). Exercise during pregnancy: A systematic review of patterns and determinants. Journal of Science and Medicine in Sport, 14, 299-305. 50%

Cramp, A.G., & Bray, S.R. (2010). Feeling state responses to acute exercise among postnatal women exercising with and without their babies. Maternal and Child Health Journal, 14(3), 343. doi:10.1007/s10995-009-0462-5. 90% (TOP 5 JOURNAL)

Cramp, A.G., & Bray, S.R. (2010). Postnatal women's feeling state responses to exercise with and without baby. Maternal and Child Health Journal, 14(3), 343 - 349. doi:10.1007/s10995-009-0462-5. 90%
Cramp, A.G., & Bray, S.R. (2009). A prospective examination of exercise and barrier self-efficacy to engage in leisure time physical activity during pregnancy. Annals of Behavioural Medicine. 37I(3), 325-334. doi: 10.1007/s12160-009-9102-y. 90%

Cramp, A.G., & Bray, S.R. (2009). Pre and postnatal women's physical activity patterns: A multi-level longitudinal analysis. Research Quarterly for Exercise and Sport, 80(3), 403-411.

Cramp, A.G. & Brawley, L.R. (2009). Effects of group-mediated cognitive behavioral counseling on self-regulatory efficacy and outcome expectations for postnatal exercise. British Journal of Health Psychology, 14(3) 595-611. 80%

Wilson, A,J., Prapavessis, H., Jung, M.E., Cramp, A.G., Vascotto, J., Lenhardt, L., Shoemaker, J.K., Watson, M., Robinson, T., & Clarson, C.L. (2009). Lifestyle modification and metformin as long-term treatment options for obese adolescents: study protocol. BMC Public Health, 9, 434. doi:10.1186/1471-2458-9-434. 20%

Conference Presentations:
Kossert, A., Lebel, K., & Cramp, A. G. (2012, Apr). Tweetment in 140 characters or less? A content analysis of cystic fibrosis social networks on Twitter. Poster presented at the Society for Behavioural Medicine, New Orleans.

Kossert, A., Cramp, A., Prapavessis, H., & Brackstone, M. (2011, October). An examination of the feasibility and efficacy of exercise in attenuating symptoms of anxiety and depression among breast cancer surgical candidates. Poster presented at the bi annual meeting of the International Psycho-Oncology Society, Antalya, Turkey.

Cramp, A.G., Kossert, A., Prapavessis, H., & Eagleson, R. (2011, June). Move to Quit: A social media exercise aided smoking cessation intervention. Paper presented at the Research and Education Day, London, ON.

Gaston, A., Cramp, A.G., & Prapavessis, H. (2011, June). Impression formation and the exercise stereotype during pregnancy. Paper presented at the Canadian Psychological Association, Toronto, ON.

Gaston, A., Cramp, A.G., & Prapavessis, H. (2011, April). Promoting exercise during pregnancy: the use of efficacy-enhancing messages to influence scheduling and task efficacy and intentions. Paper presented at the Society of Behavioral, Washington, DC.

Gaston, A & Cramp, A.G. (2011, April). Physical activity during pregnancy: A review of patterns and determinants. Paper presented at the Society of Behavioral, Washington, DC.

Kossart, A., Prapavessis, H, Brackstone, M., Cramp, A.G., & Koropatnick, J. (2010). PREHAB: The psychosocial impacts of pre-surgical exercise training among breast cancer surgical candidates. Paper presented at the Society for Behavioural Medicine, Washington, DC.

Wilson, A.J., Jung, M.E., Cramp, A.G., Simatovic, J., & Prapavessis, H. (2010). Obese adolescent exercise programs: What is the right intensity? Paper present at the International Congress of Behavioral Medicine, Washington, DC.

Cramp A. G., & Bray, S.R. (2009, June). Predicting postnatal women's leisure-time physical activity: The role of task and barriers self-efficacy. Paper presented at the North American Society for the Psychology of Sport and Physical Activity, Austin, TX.

Awardee's Name: Croker, Alysha

Croker AK & Allan AL. Inhibition of aldehyde dehydrogenase (ALDH) activity reduces chemotherapy and radiation resistance of stem-like ALDHhiCD44+ human breast cancer cells. Breast Cancer Res Treat. 2012, 133(1):75-87
Croker AK, Goodale D, Chu J, Postenka C, Hedley BD, Hess DA, and Allan AL. High aldehyde dehydrogenase activity and expression of cancer stem cell markers selects for stem-like breast cancer cells with enhanced malignant and metastatic properties. J Cell Mol Med. 2009, 13(8b):2236-2252

Croker AK*, Townsend J*, Allan AL, Chambers AF. (2009). Chapter 21: Tumor dormancy, metastasis, and cancer stem cells. Book title: Cancer and Stem Cells. Editors: Rebecca G. Bagley, Beverly A. Teicher.

Croker AK & Allan AL. (2012). Functional role of aldehydes dehydrogenase (ALDH-1) in breast cancer metastasis and therapy resistance. 9th Annual Oncology/CIHR-CaRTT Research and Education Day, the University of Western Ontario. June 2012 [Abstract/Oral Presentation]

Croker AK & Allan AL. (2012). Functional role of aldehydes dehydrogenase (ALDH-1) in breast cancer metastasis and therapy resistance. Canadian Student Health Research Forum. Winnipeg, Manitoba. June 12-14 2012 [Abstract/Poster Presentation]

Croker AK & Allan AL. (2012). Functional role of aldehydes dehydrogenase (ALDH-1) in breast cancer metastasis and therapy resistance. Lawson Health Research Day. University of Western Ontario. March 2012 [Abstract/Oral Presentation]
Croker AK & Allan AL. (2011). Functional role of aldehyde dehydrogenase (ALDH1A1) in breast cancer metastasis and therapy resistance. Canadian Cancer Research Alliance – Canadian Cancer Research Conference. Toronto, Ontario. November 27-30 2011 [Abstract/Poster Presentation]

Croker AK & Allan AL. (2010). Aldehyde dehydrogenase (ALDH) mediates chemotherapy and radiation resistance of stem-like ALDHhiCD44+ human breast cancer cells. 22nd Annual EORTC-NCI-AACR Symposium on Molecular Targets and Cancer Therapeutics, Berlin, Germany. Nov 16-19 2010 [Abstract/Poster Presentation]

Croker AK & Allan AL. (2010). All trans retinoic acid (ATRA) reduces chemotherapy and radiation resistance of metastasis initiating ALDHhiCD44+ breast cancer cells. Lawson Research Day 2010. [Oral Presentation].

Croker AK, Hess DA, & Allan AL. (2009). All-trans retinoic acid (ATRA) reduces chemotherapy and radiation resistance of stem-like ALDHhiCD44+ breast cancer cells. AACR Advances in Breast Cancer Conference, San Diego, CA. Oct 13-16 2009. [Abstract/Poster Presentation]

Croker AK & Allan AL. (2010). All-trans retinoic acid (ATRA) reduces chemotherapy and radiation resistance of stem-like ALDHhiCD44+ breast cancer cells. 7th Annual Oncology/CIHR-CaRTT Research and Education Day, the University of Western Ontario [Abstract/Poster Presentation]

Croker AK & Allan AL. (2010). All trans retinoic acid (ATRA) reduces chemotherapy and radiation resistance of metastasis initiating ALDHhiCD44+ breast cancer cells. Murray Barr/Anatomy and Cell Biology Research Day 2010. [Poster Presentation]
Croker AK, Hess DA & Allan AL. (2009). The effect of stem-like breast cancer cells on response to therapy. CBCF-Run for the Cure Kickoff Campaign, Collingwood ON. June 21st, 2009. [Oral Presentation]

Croker AK, Goodale D, Chu J, Postenka C, Hedley B, Hess D, & Allan AL. (2009). The effect of stem-like ALDHhiCD44+ breast cancer cells on breast cancer metastasis and response to therapy. MDT Clinical Breast Rounds Meeting, LRCP. [Oral Presentation]

Croker AK, Goodale D, Chu J, Postenka C, Hedley B, Hess D, & Allan AL. (2009). The effect of cancer stem cells on breast cancer metastasis and response to therapy. CRLP Student Seminar Series, LRCP. [Oral Presentation]

Croker AK, Hess D, & Allan AL. (2009). The effect of stem-like breast cancer cells on response to therapy. 6th Annual Oncology/CIHR-CaRTT Research and Education Day, the University of Western Ontario [Abstract/Poster Presentation]

Croker AK, Goodale D, Hess D, & Allan AL. (2009). The effect of stem-like ALDHhiCD44+ breast cancer cells on response to therapy. Margaret Moffat Research Day 2009, UWO. [Poster Presentation]

Awardee's Name: **Cruickshank, Dana**

Cruickshank D.R, Luyt L.G. (2011) The synthesis and screening of organometallic peptide libraries. Poster presentation – Department of Oncology Research & Education Day, London ON.

Awardee's Name: **Cull, Stephanie**

Cull S., Figueredo R., Koropatnick J. (2010) Diet and voluntary exercise affect numbers and function of myeloid-derived immune cells in mice. Poster Presentation: Department of Oncology Research & Education Day, London ON.

Cull, S., Figueredo, R., Kossert, A., & Koropatnick, J. (2010, August). Diet and voluntary aerobic exercise affects peripheral monocyte and resident macrophage function and activity in female C57BL/6 mice. Poster presented at the biennial meeting of the International Congress of Behavioral Medicine, Washington DC, USA.

Awardee's Name: **Cvetkovic, Donna**

Zajac, M., Law, J., Cvetkovic, D.D., Pampillo, M., McColl, L., Pape, C., Di Guglielmo, G.M., Postovit, L.M., Babwah, A.V., and Bhattacharya, M. (2011). GPR54 (KISS1R) transactivates EGFR to promote breast cancer cell invasiveness. PLoS One 6, e21599.

Department of Oncology Research and Education Day (22June2012, London, Ontario) – Poster Presenter (one of the winners)

Department of Oncology Research and Education Day (17June2011, London, Ontario) – Poster Presenter

London Health Research Day (20March2012, London, Ontario) – Poster Presenter

Department of Physiology and Pharmacology Research Day (08November2011, London, Ontario) – Poster Presenter

Awardee's Name: **De Jesus, Stefanie**

Fong, A., De Jesus, S., Bray, S., & Prapavessis, H. (2014). The Effect of Exercise on Cigarette Cravings and Ad Libitum Smoking Following Concurrent Stressors. Addictive Behaviors, 39(10), 1516-1521. Trainee made 40% contribution to this work.

Schneider, T., De Jesus, S., & Prapavessis, H. (online first, Feb 10, 2014). The effect of an acute bout of exercise on smoking topography. Journal of Smoking Cessation. Trainee made 40% contribution to this work.

Tritter, A., Fitzgeorge, L., De Jesus, S., Harper, T., & Prapavessis, H. (2014). Credibility beliefs towards nicotine replacement therapy and exercise as cessation aids in women attempting to quit smoking. International Journal of Psychological Studies, 6(2), 11-18. Trainee made 20% contribution to this work.

De Jesus, S., Hsin, A., Faulkner, G., & Prapavessis, H. (online first, Nov 22, 2013). A systematic review of data reduction techniques for the CReSS smoking topography device. Journal of Smoking Cessation. Trainee made 70% contribution to this work.

Prapavessis, H., De Jesus, S., Harper, T., Cramp, A., Fitzgeorge, L., Mottola, M., Ussher, M., Faulkner, G., & Selby, P. (2014). The effects of acute exercise on tobacco cravings and withdrawal symptoms in pregnant women. Addictive Behaviors, 39(3), 703-708. Trainee made 50% contribution to this work.

De Jesus, S. & Prapavessis, H. (2013). The effects of a peer modeling intervention on aerobic fitness parameters and self-efficacy in obese adolescents. Behavioral Medicine, 39(4), 129-137. Trainee made 100% contribution to this work.

De Jesus, S., Fitzgeorge, L., McGowan, E., & Prapavessis, H. (2012). Precision of measurement matters when examining the influence of physical activity on body composition. International Journal of Body Composition, 10 (3), 73-76. Trainee made 80% contribution to this work.

Campbell, N., De Jesus, S., & Prapavessis, H. (2012). Physical Fitness. In: Gellman M, Turner JR (Eds.). Encyclopedia of Behavioral Medicine. Springer, New York. Trainee made 50% contribution to this work.

De Jesus, S., Fitzgeorge, L., and Prapavessis, H. (2011). Increasing aerobic fitness in obese adolescents using a peer modeling intervention: Preliminary findings. Canadian Journal of Diabetes, 35 (2), 182. Trainee made 100% contribution to this work.

De Jesus, S., Fitzgeorge, L., McGowan, E., & Prapavessis, H. (accepted). Precision of measurement matters when examining the influence of physical activity on body composition. International Journal of Body Composition.

Clarson, C., Wilson, J., Brown, H., Mahmud, F., Prapavessis, H., Shoemaker, J., De Jesus, S., Jackman, M., Hill, D. (June 21-25, 2013). Sustained Reduction in BMI z-score with Metformin Extended Release and Structured Lifestyle Intervention in Obese Adolescents. Oral presentation was given at the American Diabetes Association International Scientific Session, Chicago, Illinois, United States.

Prapavessis, H., Gaston, A., & De Jesus, S. (July 8-13, 2014). The Theory of Planned Behaviour as a model for understanding sedentary behavior. Oral presentation will be given at the International Congress of Applied Psychology, Paris, France.

Lalonde, D., Welisch, E., Altamirano-Diaz, L., De Jesus, S., Prapavessis, H., Rombeek, M., Eagleson, E., Javadzadeh, A., McInnis, A.J., & Norozi, K. (May 19-22, 2014). The impact of a structured lifestyle intervention on body composition and exercise capacity in obese children with congenital heart defect (Smart Heart Trial). Poster will be presented at the Global Summit on the Physical Activity of Children, Toronto, Ontario.

De Jesus, S., Prapavessis, H., Welisch, E., Lalonde, D., Rombeek, M., Eagleson, E., Javadzadeh, A., McInnis, A.J., Altamirano-Diaz, L., & Norozi, K. (April 23-26, 2014). Smart Heart Trial: Preliminary results from a structured lifestyle intervention in overweight and obese youth with operated heart defects. Poster will be presented at the Society of Behavioral Medicine 2014 Annual Meeting & Scientific Sessions, Philadelphia, Pennsylvania, United States.

De Jesus, S., Prapavessis, H., Welisch, E., Lalonde, D., Rombeek, M., Eagleson, E., Javadzadeh, A., McInnis, A.J., Altamirano-Diaz, L., & Norozi, K. (April 23-26, 2014). Smart Heart Trial: Preliminary results from a structured lifestyle intervention in overweight and obese youth with operated heart defects. Oral presentation will be given at the Multiple Health Behavior Change Special Interest Group Breakfast Meeting at the Society of Behavioural Medicine Annual Meeting, Philadelphia, Pennsylvania, United States.

De Jesus, S., Kossert, A., & Prapavessis, H. (April 23-26, 2014). Prospective Descriptive Pilot Study of Body Composition in Women With Suspected Breast Cancer Enrolled in Six Weeks of Prehabilitation for Distress Management. Abstract submitted to the Society of Behavioral Medicine 2014 Annual Meeting & Scientific Sessions, Philadelphia, Pennsylvania, United States.

De Jesus, S., McGowan, E., & Prapavessis, H. (April 23-26, 2014). Evidence for relationships between sedentary behaviour, physical activity and body composition change over nine months. Poster will be presented at the Society of Behavioral Medicine 2014 Annual Meeting & Scientific Sessions, Philadelphia, Pennsylvania, United States.

De Jesus, S., Hill, D.J., Prapavessis, H., Shoemaker, K., Wilson, A.J., & Clarson, C. (April 23-26, 2014). Effects of a Group-mediated Structured Lifestyle Intervention on Psychosocial Cognitions in Obese Adolescents. Oral presentation will be given at the Society of Behavioral Medicine 2014 Annual Meeting & Scientific Sessions, Philadelphia, Pennsylvania, United States.

De Jesus, S., Murray, E., & Prapavessis, H. (February 5-8, 2014). No evidence for harm reduction: Acute exercise modifies ad libitum smoking and affect but not smoking behaviour. Poster was presented at the Society for Research on Nicotine and Tobacco 20th Annual Meeting, Seattle, Washington, United States.

De Jesus, S., Fitzgeorge, L., Faulkner, G., Maddison, R., & Prapavessis, H. (February 5-8, 2014). Predictors of smoking abstinence following an exercise-aided pharmacotherapy smoking cessation trial for women. Poster was presented at the Society for Research on Nicotine and Tobacco 20th Annual Meeting, Seattle, Washington, United States.

De Jesus, S. & Prapavessis, H. (February 5-8, 2014). Characterizing smoking topography: comparison of self-report and objective measures. Poster was presented at the Society for Research on Nicotine and Tobacco 20th Annual Meeting, Seattle, Washington, United States.

Fong, A.J., De Jesus, S., & Prapavessis, H. (February 5-8, 2014). The effect of exercise on cigarette cravings and ad libitum smoking following concurrent. Poster was presented at the Society for Research on Nicotine and Tobacco 20th Annual Meeting, Seattle, Washington, United States.

De Jesus, S., Cramp, A.G., Kossert, A., Lockwood, D., Cornish, S., & Page, C. (November 4-8, 2013). Cancer Care Talks: Evaluation of Evidence-based Self-management Supportive Cancer Care Seminars. Oral presentation was given at the 15th World Congress of the International Psycho-Oncology Society, Rotterdam, Netherlands.

De Jesus, S., Fitzgeorge, L., Massel, D., Prapavessis, H., Sanatani, M., Suskin, N., & Unsworth, K. (November 4-8, 2013). Community-based Exercise Intervention for Oncology Patients suffering from Fatigue: Effects on Symptoms, Psychosocial Health, Aerobic Fitness and Body Composition: A pilot study. Poster was presented at the 15th World Congress of the International Psycho-Oncology Society, Rotterdam, Netherlands.

Clarson, C., Wilson, J., Brown, H., Mahmud, F., Prapavessis, H., Shoemaker, J., De Jesus, S., Jackman, M., & Hill, D. (June 21-25, 2013). Sustained Reduction in BMI z-score with Metformin Extended Release and Structured Lifestyle Intervention in Obese Adolescents. Poster was presented at the American Diabetes Association International Scientific Session, Chicago, Illinois, United States.

De Jesus, S., Kacperski, C., Hall, C., & Prapavessis, H. (May 2-3, 2013). Effects of regulatory frame messages on smoking behaviour: rationale and methodology. Oral presentation provided at the University of Toronto Bodies of Knowledge Conference, Toronto, Canada.

Cramp, A., Kossert, A., De Jesus, S., Lockwood, D., Cornish, S., & Page, C. (March 13, 2013). Cancer Care Talks: Strategies to Empower Your Wellness. Poster was presented at the Western University Faculty of Health Sciences Research Day, London, Ontario, Canada.

De Jesus, S. & Prapavessis, H. (March 14-16, 2013). Smoking behaviour patterns over a three week period in an exercise-aided smoking cessation programme. Poster was presented at the Society for Research on Nicotine and Tobacco International Meeting, Boston, Massachussetts, United States.

De Jesus, S., Hsin, A., Faulkner, G., & Prapavessis, H. (March 14-16, 2013). More than just average: a systematic review of data reduction techniques for the CReSS smoking topography device. Poster was presented at the Society for Research on Nicotine and Tobacco International Meeting, Boston, Massachusetts, United States.

De Jesus, S., Prapavessis, H., Faulkner, G., Ussher, M., Maddison, R., Selby, P., Harper, T., Cramp, A., & Fitzgeorge, L. (March 14-16, 2013). The effects of acute exercise on tobacco cravings and withdrawal symptoms in pregnant women. Poster was presented at the Society for Research on Nicotine and Tobacco International Meeting, Boston, Massachussetts, United States.

Schneider, T., De Jesus, S.*, & Prapavessis, H. (March 14-16, 2013). The effect of an acute bout of exercise on smoking topography. Poster was presented at the Society for Research on Nicotine and Tobacco International Meeting, Boston, Massachusetts, United States. *presented poster.

De Jesus, S., Fitzgeorge, L., & Prapavessis, H. (March 21-23, 2013). Anthropometric changes during an exercise-aided pharmacotherapy smoking cessation trial for women. Oral presentation at the Multiple Health Behavior Change Special Interest Group Breakfast Meeting and poster was presented at the Society of Behavioural Medicine Annual Meeting, San Francisco, California, United States.

De Jesus, S., & Prapavessis, H. (March 21-23, 2013). Reducing variability of aerobic fitness parameters and self-efficacy in obese adolescents using a peer modeling intervention. Poster was presented at the Society of Behavioural Medicine Annual Meeting, San Francisco, California, United States.

Fong, A., De Jesus, S., Tritter, A., Fitzgeorge, L., & Prapavessis, H. (March 21-23, 2013). Implications of weight concerns on anthropometric measures in women attempting to quit smoking: an analysis from Getting Physical on Cigarettes. Poster was presented at the Society of Behavioural Medicine Annual Meeting, San Francisco, California, United States.

De Jesus, S. & Prapavessis, H. (2012, June). Changes in smoking behaviour over one week and potential factors for change. Western University Department of Oncology Research and Education Day, London, Ontario.

De Jesus, S. & Prapavessis, H. (2012, March). Does an acute bout of exercise affect smoking topography? A proposed study. Oral Presentation will be presented at the Eastern Canadian Sports and Exercise Psychology Conference, London, Ontario.

De Jesus, S., Fitzgeorge, L., and Prapavessis, H. (2011, April). Increasing aerobic fitness in obese adolescents using a peer modeling intervention: Preliminary findings. Poster was presented at the Canadian Obesity Network National Obesity Summit, Montreal, Quebec.

De Jesus, S., Fitzgeorge, L., & Prapavessis, H. (2011, June). Improving aerobic fitness and self-efficacy in obese adolescents using a peer modeling intervention: Preliminary findings. Poster was presented at the International Society for Behavioral Nutrition and Physical Activity Annual Meeting, Melbourne, Australia.

Physical Activity and Cancer at Café Scientifique (February 26, 2013) at Mother Teresa Catholic Secondary School, London, Ontario, Canada.

Tobacco Control and the Role of Physical Activity (November 8, 2012) at triOS College, London, Ontario, Canada.

Awardee's Name: Di Cresce, Christine

Regional Localization within the Bone Marrow Influences the Functional Capacity of Human HSCs
B Guezguez, CJV Campbell, AL Boyd, F Karanu, FL Casado, C Di Cresce, TJ Collins, Z Shapovalova, A Xenocostas and M Bhatia
Cell Stem Cell, 2013, 13; 175-189 % contribution: 5-10%

Chapter 7: Antisense for Technology: From Unique Laboratory Tool to Novel Anti-cancer Treatments
C Di Cresce, C Way, M Rytelewski, S Maleki Vareki, S Nilam, MD Vincent, J Koropatnick and PJ Ferguson
Book Chapter in: From Nucleic Acid Sequences to Molecular Medicine, RNA Technologies
CD and PJF are corresponding authors
Publisher: Springer Verlag, Berlin, Germany 2012
Publication Date: July 2012 % contribution: 30%

Combining siRNAs Targeting Thymidylate Synthase and Thymidine Kinase 1 or 2 Sensitizes Human Tumour Cells to 5FUdR and Pemetrexed
C Di Cresce, R Figueredo, PJ Ferguson, MD Vincent and J Koropatnick
Journal of Pharmacology and Experiment Therapeutics 2011; 338(3):952-63 (TOP 5 JOURNAL) % contribution: 95%

Antisense Treatment in Human Prostate Cancer and Melanoma
C Di Cresce and J Koropatnick
Current Cancer Drug Targets, 2010, 10, 555-565 (TOP 5 JOURNAL) % contribution: 65%

Abstract 191: Comgining siRNAs Targeting Thymidylate Synthase and Thymidine Kinase 1 or 2 Sensitizes Human Tumor Cells to the Anticancer Drugs5FUdR, Pemetrexed and Gemcitabine
C Di Cresce, R Figueredo, PJ Ferguson, MD Vincent and J Koropatnick
European Journal of Cancer 2012; 48(Supplements 6), 58

Abstracts: 24th EORTC-NCI-AACR International Symposium: Molecular Targets and Cancer Therapeutics—Nov 6-9, 2012; Dublin, IRELAND

Abstract C143: Combining small interfering RNAs targeting thymidylate synthase and thymidine kinase 1 or 2 sensitizes human tumor cells to 5-fluorodeoxyuridine and pemetrexed
C Di Cresce, R Figueredo, PJ Ferguson, MD Vincent and J Koropatnick
Molecular Cancer Therapeutics (Meeting Abstract Supplement) November 2011, 10 (11)
Abstracts: AACR-NCI-EORTC International Conference: Molecular Targets and Cancer Therapeutics--Nov 12–16, 2011; San Francisco, CA, USA

Presentations (2009 – present):
Department of Oncology Research and Education Day, London, Ont
Poster June 2013

London Health Research Day, London, Ont
Poster March 2013

EORTC-NCI-AACR Symposium: Molecular Targets and Cancer Therapeutics,
Dublin, Ireland
Poster – International Conference Nov 6-9, 2012

Department of Oncology Research and Education Day
Oral presentation – 1st place winner June 2012

London Health Research Day, London, Ont
Poster March 2012

AACR-NCI-EORTC International Conference: Molecular Targets and Cancer Therapeutics,
San Francisco, CA
Poster – International Conference Nov 12-16, 2011

Department of Oncology Research and Education Day, London, Ont
Poster June 2011

Lawson Research Day, LHSC-Victoria Hospital, London, Ont
Poster March 2011

EORTC-NCI-AACR Symposium: Molecular Targets and Cancer Therapeutics,
Berlin, Germany
Poster– International Conference Nov 16-19, 2010

Department of Oncology Research and Education Day, London, Ont
Poster June 2010

Lawson Research Day, LHSC-Victoria Hospital, London, Ont
Poster March 2010

AACR-NCI-EORTC International Conference: Molecular Targets and Cancer Therapeutics,
Boston, MA
Poster – International Conference Nov 15-19, 2009

Awardee's Name: Dieters-Castator, Dylan

Quail D, Zhang G, Walsh L, Siegers G, Dieters-Castator D, Findlay S, Broughton H, Putman D, Hess D and Postovit LM. (2012) Embryonic morphogen Nodal promotes breast cancer growth and progression. PLOS One. 7(11).

Quail DF, Taylor MJ, Walsh LA, Dieters-Castator D, Das P, Jewer M, Zhang G, Postovit LM (2011) Low oxygen levels induce the expression of the embryonic morphogen Nodal. Mol Biol Cell. 22(24):4809-21 (25%)

Dieters-Castator D, Lajoie G, Postovit LM, (2013) The Role of Bone Marrow Derived Cells in Nodal-Associated Neovascularization. ISSCR 2013. June 12-15, Boston, MA.

Dieters-Castator D, Lajoie G, Postovit LM (2012) The Role of Bone Marrow Derived Cells in Nodal-Associated Tumour Neovascularization. CIHR Strategic Training Program in Cancer Research and Technology Transfer. Research and Education Day. June 22, London, ON. (Poster)

Meghan Taylor, Padmalaya Das, Michael Jewer, Dylan Dieters-Castator, Logan Walsh, Daniela Quail, Lynne-Marie Postovit. (2011) Hypoxia up-regulates Nodal expression via the HIF-1 pathway in poorly metastatic cancer cells. J. Allyn Taylor Symposium. November 21,London, ON. (Poster)

Meghan Taylor, Padmalaya Das, Michael Jewer, Dylan Dieters-Castator, Logan Walsh, Daniela Quail, Lynne-Marie Postovit. (2011) Hypoxia up-regulates Nodal expression via the HIF-1 pathway in poorly metastatic cancer cells. AACR Special Conference: Stem Cells, Development, and Cancer. March 3-6, Vancouver, BC. (Poster)

Taylor M, Dieters-Castator D, Postovit LM. (2010) Hypoxia up-regulates Nodal expression via the Notch and HIF-1 signalling pathways in poorly metastatic cancer cells. CIHR Strategic Training Program in Cancer Research and Technology Transfer. The Department of Oncology, Research and Education Day 2010. June 18, London, ON. (Poster)

Awardee's Name: Doganay, Ozkan

O. Doganay, K. Thind, T. Wade, A. Ouriadov, and G. Santyr, "Radiofrequency coil configuration for hyperpolarized 129Xe imaging of the rodent lung", Concepts in Magnetic Resonance Part B: Magnetic Resonance Engineering, 2014 (In Press, Manuscript ID CMRB-14-0003).

K. Wawrzyn, V. Demidov, B. Vuong, M. Harduar, C. Sun, V. X. D. Yang, O. Doganay, V. Toronov, and Y. Xu, "Imaging the electro-kinetic response of biological tissues with optical coherence tomography", Optics Letters, Vol. 38, pp. 2572-4, 2013.

O. Doganay and Y. Xu, "Reversibility of electric-field induced mechanical changes (EIMC) in soft tissues", IEEE Trans Ultrason Ferroelectr Freq Control, Vol. 59, pp. 552-6, 2012.

O. Doganay and Y. Xu, "Electric-field induced strain in biological tissues", J. Acoust. Soc. Am., Vol. 128, pp. 261-7, 2010.

O. Doganay, M. Fox, G. Santyr, "Theoretical Model for Investigation of Radiation-Induced Lung Injury in a Rat Model", CIHR – CaRTT and the Department Of Oncology - R&E, London, ON., 2014 (Poster).

O. Doganay, M. Fox, G. Santyr, "Measurement of pulmonary perfusion and gas exchange using hyperpolarized 129Xe in a rodent model of radiation-induced lung injury", 2014 ISMRM, Milan, Italy, May 2014 (Poster).

O. Doganay, T. Wade, E. Hegarty, K. Wawrzyn, R. Schulte, C. McKenzie, G. Santyr, 129Xe imaging of the lung using spiral IDEAL, 2014 ImNO, Toronto, ON., Feb 2014 (Poster).

O. Doganay, K. Thind, T. Wade, A. Ouriadov and G. Santyr, "A transmit-only/receive-only radiofrequency coil configuration for hyperpolarized 129Xe imaging of the rodent lung." 2013 ISMRM, Salt Lake City, USA, Apr 2013 (Poster).

O. Doganay, K. Thind, A. Ouriadov and G. Santyr, "Desing and constraction of a transmit-only/receive-only RF coil." 2012 LID, London, ON. Jun 2012 (Poster).

O. Doganay, A. Farag, A. Ouriadov and G. Santyr, “Hyperpolarized Xenon-129 Production System for MRI of the Lung.” 2012 ImNO, Toronto, ON. Feb 2012 (Poster).

O. Doganay and Y. Xu, “Detection of the Electric-Field-Induced Changes in Biological Tissues by Analyzing Ultrasound Echoes.” 2010 CAP Congress, Toronto, ON, Jun 2010 (Poster).

O. Doganay and Y. Xu, “The Effect of Electric Current in Biological Tissues on Ultrasound Echoes.” 2009 IEEE International Ultrasonics Symposium, Rome, Italy.

O. Doganay, K. Thind, T. Wade, A. Ouriadov and G. Santyr, “A transmit-only/receive-only radiofrequency coil configuration for hyperpolarized 129Xe imaging of the rodent lung.” 2013 ISMRM, Salt Lake City, USA, Apr 2013.

O. Doganay, K. Thind, A. Ouriadov and G. Santyr, “Desing and constraction of a transmit-only/receive-only RF coil.” 2012 LID, London, ON. Jun 2012.

O. Doganay, A. Farag, A. Ouriadov and G. Santyr, “Hyperpolarized Xenon-129 Production System for MRI of the Lung.” 2012 ImNO, Toronto, ON. Feb 2012.

O. Doganay and Y. Xu, “Detection of the Electric-Field-Induced Changes in Biological Tissues by Analyzing Ultrasound Echoes.” 2010 CAP Congress, Toronto, ON, Jun 2010.

O. Doganay and Y. Xu, “The Effect of Electric Current in Biological Tissues on Ultrasound Echoes.” 2009 IEEE International Ultrasonics Symposium, Rome, Italy, Sep 2009

Awardee’s Name: Disher, Brandon

Disher B, Hajdok G, Gaede S, Battista JJ. “An in-depth Monte Carlo study of lateral electron disequilibrium for small fields in ultra-low density lung: implications for modern radiation therapy.” Phys Med Biol. 2012 Mar 21;57(6):1543-59 (TOP 5 JOURNAL)

Deformable Registration of CBCT and MVCT Images. Published presentation: A.Wang, B.Disher, J.Battista, T.M.Peters; 2010, Medical Physics,37,3909

Image Registration for Guided Radiation Therapy. Proceedings Paper: A.Wang, B.Disher, G.Carnes, T.M.Peters; 2010, Proceedings of SPIE 7625,762511

A1SL ion chamber lung dose measurements using Monte Carlo. Published poster: M.Mulligan, B.Disher, H.Fakir Medical Physics 2012;39(7),4625

Comparison of cone-beam CT to Diagnostic CT Systems. Published poster: B.Disher et al., Medical Physics 2009;36,4311

Inaccurate ConeBeam CT Data for Lung Radiation Therapy. Published poster: B.Disher et al., Medical Physics 2010;37,3891

A new technique to spare lung tissue from radiation therapy. Published presentation: B.Disher et al.,Medical Physics 2012;39(7):4622

Pitfalls of Megavoltage Photon Fields focused on Lung Tumors. Published poster: B.Disher et al.,Medical Physics 2011;38:3694

Talks

07/12 Canadian Organization of Medical Physicists, Young Investigator Symposium, Halifax NS, “Forcing Lateral Electron Disequilibrium to Spare Healthy Lung Tissue: Application to modern radiation therapy”

01/11 Imaging Network Ontario Symposium, Toronto ON, “Artificial Electron Disequilibrium in Lung Radiotherapy Dose Calculations from Inaccurate Cone-beam CT Image Data: Evaluation of CT number correction techniques”

12/10 Western University’s Department of Medical Biophysics Seminar Series, London ON, “Artificial Electron Disequilibrium in Lung Radiotherapy Dose Calculations from Inaccurate Cone-beam CT Image Data”

12/09 Western University’s Department of Medical Biophysics Seminar Series, London ON, “Cone-Beam CT for Image-Guided Adaptive Radiotherapy: Application to Lung Radiotherapy?”

Poster Presentations:

06/12 CIHR - The Oncology Research & Education Day, Annual Scientific Meeting, London ON,

“Forcing Lateral Electron Disequilibrium to Spare Healthy Lung Tissue: application to modern radiation therapy”

03/12 London Health Research Day, Annual Scientific Meeting, London ON, “An In-depth Monte Carlo Study of Lateral Electron Disequilibrium for Small Fields in Ultra-low Density Lung: Implications for Modern Radiation Therapy”

11/11 Imaging Network Ontario, Annual Scientific Meeting, Toronto ON, “An In-depth Monte Carlo Study of Lateral Electron Disequilibrium for Small Fields in Ultra-low Density Lung: Implications for Modern Radiation Therapy”

06/11 American Association of Physicists in Medicine (AAPM) and Canadian Organization of Medical physicists (COMP), Scientific Meeting, Vancouver BC, “Electron Disequilibrium Pitfalls for Small Megavoltage Photons Fields Incident on Lung Tumors”

06/11 CIHR - The Oncology Research & Education Day, Annual Scientific Meeting, London ON, “Electron Disequilibrium Pitfalls for Small Megavoltage Photons Fields Incident on Lung Tumors””

06/10 Canadian Organization of Medical physicists (COMP), Annual Scientific Meeting, Ottawa ON, “Artificial Electron Disequilibrium due to Inaccurate Cone-beam CT Data for Adaptive Lung Radiation Therapy”

03/10 Lawson Health Research Institute, Annual Research Day, London ON, “Electron Disequilibrium Pitfalls for Small Megavoltage Photons Fields Incident on Lung Tumors”

03/10 Lawson Health Research Institute, Annual Research Day, London ON, “CT Number Analysis of Cone-beam CT Images for Image-Guided Dose Adaptive Radiotherapy”

03/10 The University of Western Ontario, Margaret Moffat Research Day, London ON, “CT Number Analysis of CT Images for Image-Guided Dose Adaptive Radiotherapy”

02/10 Imaging Network Ontario, Annual Scientific Meeting, Toronto ON, “CT Number Analysis of CT Images for Image-Guided Dose Adaptive Radiotherapy”

07/09 Canadian Organization of Medical physicists (COMP), Annual Scientific Meeting, Victoria BC,"Comparison of CBCT CT Numbers to CT-Simulator CT Numbers using Mutual Information and Joint Probability Distributions"

06/09 CIHR - The Oncology Research & Education Day, Annual Scientific Meeting, London ON, "Comparison of CBCT CT Numbers to CT-Simulator CT Numbers using Mutual Information and Joint Probability Distributions"

03/09 Western University, Margaret Moffat Research Day, London ON, "Comparison of CBCT CT Numbers to Diagnostic CT Numbers using Mutual Information and Joint Probability Distributions

Awardee's Name: Dorman, Stephanie

Viner C, Dorman S.N., Shirley BC and Rogan PK. Validation of predicted mRNA splicing mutations using high-throughput transcriptome data [v2; ref status: indexed, http://f1000r.es/378] F1000Research 2014, 3:8 (doi: 10.12688/f1000research.3-8.v2) (% contribution: 40%)

Dorman, S.N., Shirley, B.C., Knoll, J.H.M., Rogan, P.K. "Expanding probe repertoire and improving reproducibility in human genomic hybridization" Submitted to Nucleic Acids Research (% contribution: 95%)

Oral:
Dorman SN, Viner C, Rogan PK. Non-coding mutation analysis reveals previously unrecognized pathways in lymph node-invasive breast cancer. Presented at the London Health Research Day (London, Canada) 2014.

Dorman, S.N., Shirley, B.C., Caminsky, N.G., Knoll, J.H.M., Rogan, P.K. "Next generation genomic microarrays and custom FISH probes for molecular cytogenetic analysis designed using ab initio sequences" Presented at the CIHR – Strategic Training Program in Cancer Research & Technology Transfer and the Department of Oncology Research & Education Day (London, Ontario) 2012.

Dorman, S.N., Shirley, B.C., Caminsky, N.G., Knoll, J.H.M., Rogan, P.K. "Next generation genomic microarrays and custom FISH probes for molecular cytogenetic analysis designed by ab initio sequence analysis" Presented at the Great Lakes Chromosomes Conference (Toronto, Ontario) 2012.

Poster:
Dorman, S.N., Knoll, J.H.M, Urquhart, B.L., Viner, C., Shirley, B.C., Mucaki, E.J., Rogan, P.K. "The minimal breast cancer genome and its relevance to chemotherapy" Presented at the London Health Research Day (London, Canada) 2013.

Dorman, S.N., Shirley, B.C., Caminsky, N.G., Mucaki, E.J., Khan, W.A., Guo, L., Knoll, J.H.M., Rogan, P.K. "Next generation genomic microarrays and custom FISH probes for molecular cytogenetic analysis designed by ab initio sequence analysis" Presented at the London Health Research Day (London, Canada) 2012.

Dorman, S.N., Shirley, B.C., Caminsky, N.G., Mucaki, E.J., Khan, W.A., Guo, L., Knoll, J.H.M., Rogan, P.K. "Next generation genomic microarrays and custom FISH probes for molecular cytogenetic analysis designed by ab initio sequence analysis" Presented at the 12th International Congress of Human Genetics/ASHG 61st Annual Meeting (Montreal, Canada) 2011.

Dorman, S.N., Caminsky, N.G., Shirley, B.C., Khan, W.A., Guo, L., Knoll, J.H.M., Rogan P.K. "Development of single copy FISH probes to detect chromosomal abnormalities in small tumour suppressor and oncogenes" Presented at the CIHR – Strategic Training Program in Cancer Research & Technology Transfer and the Department of Oncology Research & Education Day (London, Canada) 2011.

Dorman, S.N., Shirley, B.C., Caminsky, N.G., Rogan, P.K. “Developing single copy probes for fluorescence in-situ hybridization and array comparative genomic hybridization microarray design” Presented at the 6th Annual Canadian Student Conference on Biomedical Computing and Engineering (London, Canada) 2011.

Shirley, B.C., Dorman, S.N., Patrick, J.C., Rogan, P.K. “Definition of Unique Intervals in Genomes through Novel ab initio Copy Number Determination” Presented at the 6th Annual Canadian Student Conference on Biomedical Computing and Engineering (London, Canada) 2011.

Patrick, J. C., Shirley, B. C., Dorman, S. N., Rogan, P. K. “Identifying unique sequences directly from the human genome reference” Presented at the Canada Research Chair 10th Anniversary Conference (Toronto, Canada) 2010.

Patrick, J. C., Shirley, B. C., Dorman, S. N., Rogan, P. K. “Identifying unique sequences directly from the human genome reference” Presented at the American Society of Human Genetics 60th Annual Meeting (Washington, DC) 2010.

Other Oral Presentations:
Dorman SN, Viner C, Rogan PK. Non-coding mutation analysis reveals previously unrecognized pathways in lymph node-invasive breast cancer. Presented at the Translational Breast Cancer Research Unit Annual Retreat (London, Canada) 2014.

Dorman, S.N., “Graduate studies in cancer genetics: exchanging experiences between Canadian and Italian Institutions” Presented at the Fondazione IRCCS Istituto Nazionale dei Tumori (Italian National Cancer Institute), (Milan, Italy) 2013.

Dorman, S.N., Shirley, B.C., Caminsky, N.G., Knoll, J.H.M., Rogan, P.K. “Expanding probe sequence repertoire and reproducibility in FISH and aCGH” Presented at the Medical Genetics Rounds, London Health Sciences Centre (London, Ontario) 2012.

Dorman, S.N., Shirley, B.C., Caminsky, N.G., Knoll, J.H.M., Rogan, P.K. “Expanding probe sequence repertoire and reproducibility in human genomic hybridization” Presented at the Department of Biochemistry Graduate Student Seminars, University of Western Ontario (London, Ontario) 2012.

Awardee’s Name: Economopoulos, Vasiliki

Economopoulos, V., Chen, Y., McFadden, C. & Foster, P. J. MRI Detection of Nonproliferative Tumor Cells in Lymph Node Metastases Using Iron Oxide Particles in a Mouse Model of Breast Cancer. Transl. Oncol. 6, 347–354 (2013).

Soleimani, A. et al. Polymer cross-linking: a nanogel approach to enhancing the relaxivity of MRI contrast agents. J. Mater. Chem. B 1, 1027 (2013).

Economopoulos, V., Noad, J. C., Krishnamoorthy, S., Rutt, B. K. & Foster, P. J. Comparing the MRI appearance of the lymph nodes and spleen in wild-type and immuno-deficient mouse strains. PLoS One 6, e27508 (2011).

Zhang X, de Chickera SN, Willert C, Economopoulos V, Noad J, Rohani R, Wang AY, Levings MK, Scheid E, Foley R, Foster PJ, Dekaban GA. Cellular magnetic resonance imaging of monocyte-derived dendritic cell migration from healthy donors and cancer patients as assessed in a scid mouse model. Cytotherapy. 2011 Nov; 13(10):1234-48.

Barrett, J. W. et al. in Exp. Appl. Immunother. (Medin, J. & Fowler, D.) 389–408 (Humana Press, 2011).

Book Chapter:
Barrett, J., Au, B., Buensuceso, R., de Chickera, S.N., Economopoulos, V., Foster, P.J., Dekaban, G.A. Imaging immunotherapy in Experimental and Applied Immunotherapy, Eds. Fowler, D. and Medin, J., Springs Science/Human Press, 2010.

Presentations:
Comparing Tumor Growth and Lymph Node Metastases in Xenograft Cancer Models Using MRI. Economopoulos V, Chen Y, Foster PJ. Accepted by 2013 University of Western Ontario Oncology Research and Education Day for poster presentation.

MRI Detection of Nonproliferative Tumor Cells in Lymph Node Metastases Using Iron Oxide Particles in a Mouse Model of Breast Cancer. Vasiliki Economopoulos, Yuhua Chen, Cathrine McFadden, Paula J. Foster.
Accepted by 2011 World Molecular Imaging Congress for oral presentation.
Accepted by 2011 Canadian Cancer Research Conference for oral presentation, also highest ranked abstract in category.
Accepted by 2012 Imaging Network Ontario Symposium for oral presentation.
Accepted by 2012 Oncology Research and Education Day for oral presentation.

Non-Invasive Monitoring of Human Dendritic Cell Migration in the CB17 SCID Mouse by Cellular MRI. Gregory A. Dekaban, Xizhong Zhang, Vasiliki Economopoulos, Jennifer Noad, Roja Rohani, Adele Wang, Megan Levings, Ronan Foley, Paula Foster.
Accepted by 2010 ISMRM meeting for oral presentation.

Comparing the MR Appearance of the Mouse Lymphatic System in Different Strains Used for Cancer Research. Vasiliki Economopoulos, Jennifer C. Noad, Jonatan A. Snir, Paula Foster.
Accepted by the 2009 World Molecular Imaging Congress for oral presentation.
Accepted by Imaging Network Ontario Symposium 2010 for poster presentation.
Accepted by University of Western Ontario Oncology Research and Education Day 2010 for poster presentation.

Awardee's Name: Elhayek, Sallie

Presentations:
Sallie Elhayek and Eva Turley. Consequences of mutant RHAMM on mitotic spindle integrity and oncogenesis. Abstract and poster presented at Oncology Research and Education Day, held in London, Ontario, Canada. June 21, 2013

Sallie Elhayek and Eva Turley. Consequences of mutant RHAMM on mitotic spindle integrity and oncogenesis. Abstract and poster presented at London Health Research Day, held in London, Ontario, Canada. March 19, 2013

Sallie Elhayek, Patrick Telmer, Eva Turley. Characterization of the Tubulin and Mitotic Spindle protein interaction sites of the RHAMM oncoprotein. Abstract and poster presented at Oncology Research and Education Day, held in London, Ontario, Canada. June 22, 2012

Sallie Elhayek, Patrick Telmer, Eva Turley. Functional consequences of RHAMM/mitotic spindle interactions to tumorigenesis. Poster presented at Research Showcase for Biochemistry held at The University of Western Ontario, London, Ontario, Canada. January 20, 2012

Awardee's Name: **Fink, Corby**

Dekaban GA, Hamilton AM, Fink CA, Au B, de Chickera SN, Ribot EJ and Foster PJ. Tracking and evaluation of dendritic cell migration by cellular magnetic resonance imaging. Wiley Interdiscip Rev Nanomed Nanobiotechnol. 2013, 5:469-483. Percent Contribution: 25%

Scheid E, Major P, Bergeron A, Finn, OJ, Landry C, Favre D, Eady R, Dekaban GA, Foster PJ, Fink C, Gaudet J, Mukherjee S, Hotte S, Gariepy JP, Sekaly RP, Lacombe L, Fradet Y and Foley R. Vaccination with Autologous Dendritic Cells Pulsed with a Tn-MUC1 Glycopeptide: Report on Preclinical Data in Rhesus Macaque and Phase I/II Clinical Trial in Castrate Resistant Non-Metastatic Prostate Cancer Patients. Cancer Immunology Research (2014). Percent contribution: 5%

CIHR- Strategic Training Program in Cancer Research and Technology Transfer- Research Education Day London, Ontario "In vivo non-invasive tracking of cell-based therapies by cellular MRI" Fink C, Gaudet J, Foley R, Foster P, Dekaban G

Cell Tracking Symposium London, Ontario "In vivo non-invasive tracking of cell-based therapies by cellular MRI" Fink C, Gaudet J, Foley R, Foster P, Dekaban G

Robarts Research Retreat 2014 London, Ontario "In vivo non-invasive tracking of cell-based therapies by cellular MRI" Fink C, Gaudet J, Foley R, Foster P, Dekaban G

American Society of Gene and Cell Therapy 17th Annual Meeting Washington, DC, United States of America "In vivo non-invasive tracking of cell-based therapies by cellular MRI" Fink C, Gaudet J, Foster P, Dekaban G

London Health Research Day 2014 London, Ontario "Tracking and quantification of dendritic cell migration by cellular MRI using the [19F]-perfluorocarbon cell labeling agent Cell Sense" Fink C, Gaudet J, Foley R, Foster P, Dekaban G

CIHR Team Grant & OICR Smarter Imaging Program Prostate Workshop- Imaging Applications in Prostate Cancer London, Ontario "Tracking and quantification of dendritic cell migration by cellular MRI using the 19F-perfluorocarbon contrast agent Cell Sense" Fink C, Gaudet J, Foley R, Foster P, Dekaban G

Infection and Immunity Research Forum Western University, London, Ontario "Tracking and quantification of dendritic cell migration by cellular MRI using the 19F-perfluorocarbon contrast agent Cell Sense" Fink C, Gaudet J, Foley R, Foster P, Dekaban G

Canadian Cancer Immunotherapy Consortium Toronto, Ontario "Tracking and quantification of dendritic cell migration by cellular MRI through the use of the [19F]-fluorocarbon contrast agent Cell Sense" Fink C, Gaudet J, Ribot E, Foley R, Foster P, Dekaban G

CIHR- Strategic Training Program in Cancer Research and Technology Transfer- Research Education Day London, Ontario "Tracking and quantification of dendritic cell migration by cellular MRI through the use of the [19F]-fluorocarbon contrast agent Cell Sense" Fink C, Gaudet J, Ribot E, Foley R, Foster P, Dekaban G

Infection and Immunity Research Forum Western University, London, Ontario "Tracking and quantification of dendritic cell migration by cellular MRI through the use of the [19F]-fluorocarbon contrast agent Cell Sense" Fink C, Gaudet J, Ribot E, Foley R, Foster P, Dekaban G

CIHR Team Grant & OICR Smarter Imaging Program Prostate Workshop- Imaging Applications in Prostate Cancer London, Ontario "Tracking and quantification of dendritic cell migration by cellular MRI using the 19F-perfluorocarbon contrast agent Cell Sense" Fink C, Gaudet J, Foley R, Foster P, Dekaban G

Canadian Cancer Immunotherapy Consortium Toronto, Ontario "Tracking and quantification of dendritic cell migration by cellular MRI through the use of the [19F]-fluorocarbon contrast agent Cell Sense" Fink C, Gaudet J, Ribot E, Foley R, Foster P, Dekaban G

Fourth Year Undergraduate Thesis Presentations Western University, London, Ontario "Pathogenesis of Rheumatoid Arthritis" Fink C, Bell D, Cairns E

Awardee's Name: Gabriel, Michelle

Marsolais, F., Pajak, A., Yin, F., Taylor, M., Gabriel, M., Merino, D., Ma, V., Kameka, A., Vijayan, P., Pham, H., Huang, S., Rivoal, J., Bett, K., Hernandez-Sebastia, C., Liu, Q., Bertrand, A. and R. Chapman (2010) Proteomic analysis of common bean seed with storage protein deficiency reveals up-regulation of sulfur-rich proteins and starch and raffinose metabolic enzymes, and down-regulation of the secretory pathway. J. Proteomics 73:1587-1600. 15%

Gabriel M, Telmer PG, Marsolais F. (2012) Role of asparaginase variable loop at the carboxyl terminal of the alpha subunit in the determination of substrate preference in plants. Planta. 235:1013-22. 90%

Martić S, Gabriel M, Turowec JP, Litchfield DW, Kraatz HB. (2012). Versatile Strategy for Biochemical, Electrochemical and Immunoarray Detection of Protein Phosphorylations. J Am Chem Soc. Jul 19. [Epub ahead of print]. 50%

Invited book chapter:
Gabriel M and Litchfield DW. (2012) Protein Kinase CK2: At the Crossroads of Pathways Controlling Cell Proliferation and Survival in Protein Kinase CK2 (The Wiley-IUBMB Series on Biochemistry and Molecular Biology), accepted

Poster presentation at the Schulich Research Showcase in London, Ontario, Canada on March 20, 2012. Title: Mitotic regulation of protein kinase CK2 by CDK1 hierarchical phosphorylation.

Poster presentation at the Department of Oncology – Research and Education Day in London, Ontario, Canada on June 7, 2011. Title: Development of a chemical genetics platform for protein kinase CK2.

Poster presentation at the Department of Oncology - Research and Education Day in London, Ontario, Canada on June 18, 2010. Title: Detection of Erk1 catalyzed phosphorylation reaction: comparative analysis of electrochemical biosensor and traditional assays.

Poster presentation at the Nanoscience and Nanotechnology Workshop in London, Canada, May 16-18, 2010. Title: Detection of Erk1-catalyzed phosphorylation reaction: comparative analysis of electrochemical biosensor and traditional assays.

Poster presentation at the Margaret Moffat Research and Career Day at the University of Western Ontario on March 31, 2010. Title: Development of an Electrochemical Biosensor to Monitor Kinase Activity.

Awardee's Name: Gameiro, Steven

Poster:
Steven F. Gameiro and Joseph S. Mymryk. Reduction of MHC I by HPV16 E7 and its role in head & neck cancers. Abstract and poster presented at the Molecular Biology of DNA Tumor Viruses Conference, held in Madison, Wisconsin, USA. July 21-26, 2014

Steven F. Gameiro and Joseph S. Mymryk. Elucidating the mechanism by which HPV16 E7 modulates MHC I and defining its role in OSCC. Abstract and poster presented at the London Health Research Day (LHRD), held in London, Ontario, Canada. March 18, 2014

Steven F. Gameiro and Joseph S. Mymryk. Elucidating the mechanism by which HPV16 E7 modulates MHC I and defining its role in OSCC. Abstract and poster presented at the Infection and Immunity Research Forum (IIRF), held in London, Ontario, Canada. November 1, 2013

Oral:
Steven F. Gameiro and Joseph S. Mymryk. Reduction of MHC I by HPV16 E7 and its role in head & neck cancers. Presented at the Molecular Biology of DNA Tumor Viruses Conference, held in Madison, Wisconsin, USA. July 21-26, 2014

Steven F. Gameiro. "Surgical Management of Aortic Dissection-a Patient's Perspective" Canadian Society of Vascular Nursing (London Chapter) held at the Four Points Sheraton in London, Ontario, Canada. November 2, 2011

Awardee's Name: Gaudet, Jeff

Gaudet J.M., Ribot E.J., Chen Y., Gilbert K., and Foster P.J. Mesenchymal stem cell transplant rejection monitored with 19F-MRI. In press

Ribot E.J., Gaudet J., Chen Y., Gilbert K., and Foster P.J. In vivo MR detection of fluorine-labeled human MSC using the bSSFP sequence. International Journal of Nanomedicine. Published: April 24, 2014.

Gaudet JM and Fink C Recruiting the immune system into the fight against cancer. Londoner, May edition.

Gaudet JM, Fink C, Ribot E, Dekaban G, Foster PJ. Cancer Immunotherapy: Dendritic Cell Tracking using Fluorine-19 with a 9.4T MRI. June 2014, Cell Tracking Symposium. Poster

Gaudet JM, Ribot E, Chen Y, Foster PJ. 19F-MRI allows for accurate quantification of Mesenchymal Stem Cell transplant. May 2014, International Society of Magnetic Resonance in Medicine (ISMRM). Poster

Gaudet JM, Fink C, Ribot E, Dekaban G, Foster PJ. Cancer Immunotherapy: Dendritic Cell Tracking using Fluorine-19 with a 9.4T MRI. Imaging Network of Ontario, March 2014, Toronto, ON. Podium Presentation

Gaudet JM, Fink C, Ribot E, Dekaban G, Foster PJ. Cancer Immunotherapy: Dendritic Cell Tracking using Fluorine-19 with a 9.4T MRI. March 2014, London Health Research Day. Poster

Gaudet JM, Fink C, Ribot E, Dekaban G, Foster PJ. Cancer Immunotherapy: Dendritic Cell Tracking using Fluorine-19 with a 9.4T MRI. Prize winner at Nov. 2013 Imaging Applications in Prostate Cancer, London, ON. Poster

Fink C, Gaudet JM, Ribot E, Dekaban G, Foster PJ. Tracking and Quantification of Dendritic Cell Migration by Cellular MRI through the use of the [19F]-fluorocarbon contrast agent Cell Sense. Nov. 2013 Imaging Applications in Prostate Cancer, London, ON. Poster

Gaudet JM, Fink C, Ribot E, Dekaban G, Foster PJ. Cancer Immunotherapy: Dendritic Cell Tracking using Fluorine-19 with a 9.4T MRI. Nov. 2013 Canadian Cancer Research Conference, Toronto, ON. Poster

Fink C, Gaudet JM, Foster PJ, Dekaban G. Tracking and Quantification of Dendritic Cell Migration by Cellular MRI through the use of the [19F]-fluorocarbon contrast agent Cell Sense. Oct. 2013 Infection and Immunology Research Forum, London, ON. Poster

Gaudet JM, Ribot E, Chen Y, Foster PJ. Tracking Mesenchymal Stem Cell fate in Mouse Transplantation Models using Iron and Fluorine cellular MRI. World Molecular Imaging Conference (WMIC), Sept. 2013, Savannah, GA. Podium presentation

Gaudet JM, Fink C, Ribot E, Dekaban G, Foster PJ. Tracking and Quantification of Dendritic Cell Migration by Cellular MRI through the use of the [19F]-fluorocarbon contrast agent Cell Sense. June 2013 Oncology Research & Education Day, London, ON. Poster

Gaudet JM, Fink C, Ribot E, Dekaban G, Foster PJ. Cancer Immunotherapy: Dendritic Cell tracking using Fluorine-19 with a 9.4T MRI. March 2013 Ontario Institute for Cancer Research Scientific Meeting, Toronto, ON. Poster

Fink C, Gaudet JM, Ribot E, Foster PJ, Dekaban G. Tracking and Quantification of Dendritic Cell Migration by Cellular MRI through the use of the [19F]-fluorocarbon contrast agent Cell Sense. Nov. 2012 Infection and Immunology Research Forum, London, ON. Poster

Awardee's Name: Goertzen, Cameron

Cvetkovic D, Goertzen C G-F, Bhattacharya M. Quantification of Breast Cancer Cell Invasiveness Using a Three-dimensional (3D) Model. Journal of Visualized Experiments, 2014 (Co-first author, 45% contribution)

June 2014 Oncology Research & Education Day: Goertzen C, Dragan M, Hess D, Tuck A, Bhattacharya M. Role of KISS1R in Breast Cancer Metastasis. -Platform Presentation

March 2014 London Health Research Day: Goertzen C, Dragan M, Hess D, Tuck A, Bhattacharya M. Role of KISS1R in Breast Cancer Metastasis.-Platform Presentation (1st Place Platform Presentation)

November 2013 Physiology & Pharmacology Research Day: Goertzen C, Dragan M, David Hess, Alan Tuck, Bhattacharya M. Molecular Regulation of KISS1R in Breast Cancer Cell Invasion and Metastasis.-Poster Presentation

June 2013 Oncology Research & Education Day: Goertzen C, Cvetkovic D, Dragan M, Babwah A, Bhattacharya M. Molecular Regulation of KISS1R Induced Breast Cancer Invasion.-Poster Presentation

April 2013 American Association of Cancer Research Annual Meeting 2013: Goertzen C, Cvetkovic D, Dragan M, Babwah A, Bhattacharya M. Molecular Regulation of KISS1R Induced Breast Cancer Invasion.-Poster Presentation

March 2013 London Health Research Day: Goertzen C, Cvetkovic D, Dragan M, Bhattacharya M. Molecular Regulation of KISS1R Induced Breast Cancer Invasion.-Poster Presentation

March 2012 Western Undergraduate Research Journal Forum: Goertzen C, Alturkustani M, Derry K, Hammond R. Digital Quantitative Pathology of Carotid Atheromas: 3D Correlative Studies with Ultrasound, PET/CT and MRI. - Poster & Podium presentation (Top Podium Presentation)

February 2012 Annual Pathology & Toxicology Research Day: Goertzen C, Alturkustani M, Derry K, Hammond R. Digital Quantitative Pathology of Carotid Atheromas: 3D Correlative Studies with Ultrasound, PET/CT and MRI. - Poster presentation (Second Prize for Poster Presentation)

March 2014 London Health Research Day: Goertzen C, Dragan M, Hess D, Tuck A, Bhattacharya M. Role of KISS1R in Breast Cancer Metastasis.-Platform Presentation (1st Place Platform Presentation)

November 2013 Physiology & Pharmacology Research Day: Goertzen C, Dragan M, David Hess, Alan Tuck, Bhattacharya M. Molecular Regulation of KISS1R in Breast Cancer Cell Invasion and Metastasis.-Poster Presentation

April 2013 American Association of Cancer Research Annual Meeting 2013: Goertzen C, Cvetkovic D, Dragan M, Babwah A, Bhattacharya M. Molecular Regulation of KISS1R Induced Breast Cancer Invasion.-Poster Presentation

March 2013 London Health Research Day: Goertzen C, Cvetkovic D, Dragan M, Bhattacharya M. Molecular Regulation of KISS1R Induced Breast Cancer Invasion.-Poster Presentation

March 2012 Western Undergraduate Research Journal Forum: Goertzen C, Alturkustani M, Derry K, Hammond R. Digital Quantitative Pathology of Carotid Atheromas: 3D Correlative Studies with Ultrasound, PET/CT and MRI. - Poster & Podium presentation (Top Podium Presentation)

February 2012 Annual Pathology & Toxicology Research Day: Goertzen C, Alturkustani M, Derry K, Hammond R. Digital Quantitative Pathology of Carotid Atheromas: 3D Correlative Studies with Ultrasound, PET/CT and MRI. - Poster presentation (Second Prize for Poster Presentation)

Awardee's Name: Hannouf, Malek

Louie AV, Rodrigues G, Hannouf M, Zaric GS, Palma DA, Cao JQ, Yaremko BP, Malthaner R, Mocanu JD. Stereotactic body radiotherapy versus surgery for medically operable Stage I non-small-cell lung cancer: a Markov model-based decision analysis. Int J Radiat Oncol Biol Phys 2011;81:964-73.

Louie AV, Rodrigues G, Hannouf M, Lagerwaard F, Palma D, Zaric GS, Haasbeek C, Senan S. Withholding stereotactic radiotherapy in elderly patients with stage I non-small cell lung cancer and co-existing COPD is not justified: outcomes of a Markov model analysis. Radiother Oncol 2011;99:161-5.

Hannouf M, Sehgal C, Cao JQ, Mocanu JD, Winquist E, Zaric GS. Cost-effectiveness of adding cetuximab to platinum-based chemotherapy for first-line treatment of recurrent or metastatic head and neck cancer. PLoS One 2012;7:e38557.

Hannouf M, Brackstone M, Bin X, Zaric G. Evaluating the efficacy of current clinical practice of adjuvant chemotherapy in post-menopausal women with early-stage, estrogen- or progesterone-receptor-positive, one-to-three-positive axillary lymph-node, breast cancer. Current Oncology 2012; 19: e319-e328.

Hannouf M, Brackstone M, Bin X, Zaric G. Cost-effectiveness of a 21-gene recurrence score assay versus Canadian clinical practice in women with early-stage estrogen- or progesterone-receptor-positive, axillary lymph-node negative breast cancer. BMC Cancer 2012;12:447.

Poster Presentations:

Chong S. Kim, Hannouf M, Muriel Brackstone, Eric Winquist, and Gregory GS. Zaric. Identification of the occult tumor in cancer of unknown primary a priority based on histology. The 10th Annual Department of Oncology Research & Education Day, Western University, London, Ontario, Canada, June 21, 2013.

Hannouf M, Brackstone M, Bin X, Zaric G. Cost-effectiveness of a 21-gene recurrence score assay versus Canadian clinical practice in women with early stage breast cancer. The 7th Annual Department of Oncology Research & Education Day, University of Western Ontario, London, Ontario, Canada, June 18, 2010.

Hannouf M, Brackstone M, Xie B, Greg Z. Evaluating the efficacy of current clinical practice of adjuvant chemotherapy in post-menopausal women with early-stage, estrogen- or progesterone-receptor-positive, one-to-three-positive axillary lymph-node, breast cancer. The 8th Annual Department of Oncology Research & Education Day, University of Western Ontario, London, Ontario, Canada, June 17, 2011.

Hannouf M, Zur RM, McCarron CE, Louie A, Rodrigues G, Zaric GS. Cost effectiveness of stereotactic body radiation therapy for medically operable Stage I non–small cell lung cancer. The 9th Annual Department of Oncology Research & Education Day, University of Western Ontario, London, Ontario, Canada, June 22, 2012.

Hannouf M, Brackstone M, Xie B, Greg Z. Evaluating the efficacy of current clinical practice of adjuvant chemotherapy in post-menopausal women with early-stage, estrogen- or progesterone-receptor-positive, one-to-three-positive axillary lymph-node, breast cancer. The 3rd North American Congress of Epidemiology, Montreal, Québec, Canada, June 21-24, 2011.

Hannouf M, Brackstone M, Xie B, Greg Z. Frequency and cost of chemotherapy-related serious adverse effects in a Canadian population sample of women with estrogen and/or progesterone receptor positive early stage breast cancer. The 3rd North American Congress of Epidemiology, Montreal, Québec, Canada, June 21-24, 2011.

Hannouf M, Brackstone M, Xie B, Greg Z. Evaluating the efficacy of current clinical practice of adjuvant chemotherapy in post-menopausal women with early-stage, estrogen- or progesterone-receptor-positive, one-to-three-positive axillary lymph-node, breast cancer. The 33rd Annual CTRC-AACR San Antonio Breast Cancer Symposium (SABCS), San Antonio, Texas, USA, December 8-12, 2010.

Hannouf M, Brackstone M, Xie B, Greg Z. Frequency and cost of chemotherapy-related serious adverse effects in a Canadian population sample of women with estrogen and/or progesterone receptor positive early stage breast cancer. The 33rd Annual CTRC-AACR San Antonio Breast Cancer Symposium (SABCS), San Antonio, Texas, USA, December 8-12, 2010.

Louie A, Rodrigues G, Hannouf M, Zaric G, Palma D, Cao J, Yaremko B, Malthaner R, Mocanu J. Stereotactic Body Radiotherapy versus surgery for medically operable stage I NSCLC: a Markov model based decision analysis. The 32nd Annual Meeting of the Society for Medical Decision Making, Toronto, Canada, October 24 - 27, 2010.

Hannouf M, Sehgal C, Cao J, Mocanu J, Zaric G. Cost-effectiveness of adding cetuximab to platinum-based chemotherapy for the first line treatment in patients with recurrent or metastatic squamous-cell carcinoma of the head and neck. Symposium of Toronto Health Economics and Technology Assessment Collaborative, Toronto, Ontario, Canada, May 27-28, 2010.

Louie A, Rodrigues G, Hannouf M, Zaric G, Palma D, Cao J, Yaremko B, Malthaner R, Mocanu J. stereotactic body radiotherapy versus surgery for medically operable stage I NSCLC: a Markov model based decision analysis.

Symposium of Toronto Health Economics and Technology Assessment Collaborative, Toronto, Ontario, Canada, May 27-28, 2010.

Hannouf M, Brackstone M, Bin X, Zaric G. Cost-effectiveness of a 21-gene recurrence score assay versus Canadian clinical practice in women with early stage breast cancer. Symposium of Toronto Health Economics and Technology Assessment Collaborative, Toronto, Ontario, Canada, May 27-28, 2010.

Oral Presentation:
Hannouf M, Zur RM, McCarron CE, Louie AV, Rodrigues G, Zaric GS. Cost effectiveness of stereotactic body radiation therapy for medically operable Stage I non–small cell lung cancer. The 34th Annual Meeting of the Society for Medical Decision Making, Phoenix, AZ, USA, October 17 - 20, 2012.

Hannouf M. How to estimate physician/patient responses to personalized medicine technologies in real-world Canadian setting? The Health Canada and Canadian Institutes of Health Research Personalized Medicine in Canada: A Multi-Stakeholder Workshop to Examine the Canadian Perspective, Ottawa, Ontario, Canada, January 12, 2012.

Hannouf M, Brackstone M, Bin X, Zaric G. Cost-effectiveness of a 21-gene recurrence score assay versus Canadian clinical practice in women with early stage breast cancer. Institute for Operation Research and the Management Sciences (INFORMS) Annual Meeting on Health Care, Montreal, Québec, Canada, June 21-22, 2011.

Hannouf M. Canadian Administrative Health Databases: Usefulness and Challenges. The Epidemiology Department's seminar series, University of Western Ontario, London, Ontario, Canada, November 12, 2010.

Hannouf M, Brackstone M, Bin X, Zaric G. Cost-effectiveness of a 21-gene recurrence score assay versus Canadian clinical practice in women with early stage breast cancer. Institute for Operation Research and the Management Sciences (INFORMS) Annual Meeting, Austin, Texas, USA, November 7-10, 2010.

Hannouf M, Brackstone M, Bin X, Zaric G. Cost-effectiveness of a 21-gene recurrence score assay versus Canadian clinical practice in women with early stage breast cancer. The 32nd Annual Meeting of the Society for Medical Decision Making, Toronto, Canada, October 24 - 27, 2010.

Hannouf M. Cost-effectiveness of a 21-gene recurrence score assay versus Canadian clinical practice in women with early stage breast cancer. London Regional Cancer Program Retreat and Guideline Update, Grand Bend, Ontario, Canada, June 12, 2010.

Awardee's Name: Hasan, Asma

San Antonio Breast Cancer Symposium 2014
Abstract submitted: Hasan A, Majumder M and Lala PK. "The role of CPEB-2 in breast cancer," San Antonio TX USA, December 9 2014.

Oncology Research and Education Day 2014
Poster: Hasan A, Majumder M and Lala PK. "The role of CPEB-2 in breast cancer progression," London ON, June 20 2014.

London Health Research Day 2014
Poster: Hasan A, Majumder M and Lala PK. "The role of CPEB-2, miR-526b and miR-655 in human breast cancer," London ON, March 18 2014.

Anatomy and Cell Biology Research Day 2013
Poster submitted: Hasan A, Majumder M, Landman E and Lala PK. "The role of cytoplasmic polyadenylation element binding protein (CPEB)-2 in breast cancer," London ON, October 24 2013.

Awardee's Name: Ho, Ernest

Ho E, Dagnino L. Epidermal growth factor induction of front-rear polarity in keratinocytes is mediated by integrin-linked kinase and ELMO2. Mol Biol Cell. 2012 Feb;23(3):492-502. PubMed PMID: 22160594. 100%

Ho E, Irvine T, Vilk GJ, Lajoie G, Ravichandran KS, D'Souza SJ, Dagnino L. Integrin-linked kinase interactions with ELMO2 modulate cell polarity. Mol Biol Cell. 2009 Jul;20(13):3033-43. PubMed PMID: 19439446. 75%

Ho E, Dagnino L. Emerging role of ILK and ELMO2 in the integration of adhesion and migration pathways. Cell Adh Migr. 2012 May;6(3). PubMed PMID: 22592831.

Dagnino L, Ho E, Chang WY. Expression and analysis of exogenous proteins in epidermal cells. Methods Mol Biol. 2010;585:93-105. Pubmed PMID: 19907999.

Ho E, Dagnino L. Functional significance of Integrin-linked kinase and ELMO2 complexes in keratinocytes. Annual Oncology Research Day, 2012 (poster).

Ho E, Dagnino L. RhoG recruits ELMO2:ILK complexes to the plasma membrane to regulate front-rear polarity. Annual Oncology Research Day, 2010 (poster).

Ho E, Dagnino L. Epidermal growth factor induction of front-rear polarity in keratinocytes is mediated by integrin-linked kinase and ELMO2. Great Lakes Mammalian Development Meeting, 2011 (poster).

Ho E, Dagnino L. Epidermal growth factor induction of front-rear polarity in keratinocytes is mediated by integrin-linked kinase and ELMO2. UWO Physiology and Pharmacology Research Day, 2011 (poster).

Ho E, Dagnino L. RhoG recruits ELMO2:ILK complexes to the plasma membrane to regulate front-rear polarity. American Society of Cell Biology Annual Meeting, 2010 (poster).

Ho E, Dagnino L. RhoG recruits ELMO2:ILK complexes to the plasma membrane to regulate front-rear polarity. Great Lakes Mammalian Development Meeting, 2010 (poster).

Ho E, Dagnino L. RhoG recruits ELMO2:ILK complexes to the plasma membrane to regulate front-rear polarity. Margaret Moffat Research Day, 2010 (poster).

Ho E, Dagnino L. RhoG recruits ELMO2:ILK complexes to the plasma membrane to regulate front-rear polarity. UWO Physiology and Pharmacology Research Day, 2010 (poster).

Ho E, Dagnino L. RhoG recruits ELMO2:ILK complexes to the plasma membrane to regulate front-rear polarity. Great Lakes Mammalian Development Meeting, 2009 (poster).

Ho E, Dagnino L. Modulation of cell polarity by ELMO2 and ILK complexes. Margaret Moffat Research Day, 2009 (poster).

Ho E, Dagnino L. Modulation of cell polarity by ELMO2 and ILK complexes. UWO Physiology and Pharmacology Research Day, 2009 (poster).

Awardee's Name: **Hrinivich, W. Thomas**

Jensen M, Hrinivich T, Jung A, Holdsworth DW, Drangova M, Chen J, Wong E. "Implementation and commissioning of an integrated micro-CT/RT system with computerized independent jaw collimation". Medical Physics. August 2013; 40(8)

Gutpell K, Hrinivich T, Hoffman L. "Skeletal muscle fibrosis in the mdx/utrn+/- mouse validates its suitability as a murine model of Duchenne muscular dystrophy". PLOS One (accepted pending minor revisions, 15 % contribution)

Hrinivich T, Gibson E, Gaed M, Gomez J, Moussa M, McKenzie CA, Bauman GS, Ward AD Fenster A, Wong E. "A dimensionless dynamic contrast enhanced MRI parameter for intra-prostatic tumour target volume delineation: Initial comparison with histology." Six page conference paper from SPIE Medical Imaging, 2014.

Hrinivich T. "The Physics of Truckdrivers". Phys13news Issue 145. Department of Physics and Astronomy, University of Waterloo. Winter 2013. (Magazine Article)

Presentations:
Hrinivich T, Thang T, McKenzie CA, Bauman GS, Fenster A, Wong E. Dynamic contrast enhanced MRI parameter map sensitivity to imaging temporal resolution in the prostate. Oral and Poster Presentation at the Imaging Network Ontario (ImNO) Symposium, Toronto ON, CAN. Mar. 24, 2014 (Received first place award for poster presentation.)

Hrinivich T, Gibson E, McKenzie CA, Bauman GS, Ward AD, Fenster A, Wong E. Comparing dynamic contrast enhanced MRI parameters in the prostate derived from measured arterial input functions and reference muscle. Poster presentation at Research and Education Day, London ON, CAN. June 20, 2014 (Received award for poster presentation.)

Hrinivich T, Edirisinghe C, D'Souza D, Surry K, Hoover D, Fenster A, Wong E. Interstitial brachytherapy treatment for prostate cancer: Implementation and evaluation of a prototype 3D ultrasound guided mechatronic device. Poster presentation and Canada Student Health Forum, Winnipeg MA, CAN. June 11, 2014

Hrinivich T, Edirisinghe C, D'Souza D, Surry K, Hoover D, Fenster A, Wong E. 3D ultrasound guided needle insertion with a mechatronic device for prostate brachytherapy: Initial evaluation. Poster/Oral presentation at London Health Research Day, London ON, CAN. March 18, 2014 (Received award for poster presentation.)

Hrinivich T, Gibson E, Gaed M, Gomez J, Moussa M, McKenzie CA, Bauman GS, Ward AD Fenster A, Wong E. A dimensionless dynamic contrast enhanced MRI parameter for intra-prostatic tumour target volume delineation: Initial comparison with histology. Poster Presentation at SPIE Medical Imaging, San Diego CA, USA. Feb. 17, 2014

Gibson E, Gaed M, Hrinivich T, Gómez JA, Moussa M, Romagnoli C, Mandel J, Bastian-Jordan M, Cool D, Ghoul S, Pautler S, Chin JL, Crukley C, Bauman GS, Fenster A, Ward AD. Multiparametric MR imaging of prostate cancer foci: assessing the detectability and localizability of Gleason 7 peripheral zone cancers based on image contrasts. Poster Presentation at SPIE Medical Imaging, San Diego CA, USA. Feb. 17, 2014

Hrinivich T, Thang T, McKenzie CA, Bauman GS, Fenster A, Wong E. Dynamic contrast enhanced MRI parameter map sensitivity to imaging temporal resolution in the prostate. Poster/Oral Presentation at the Imaging Applications in Prostate Cancer Workshop, London ON, CAN. Nov. 15, 2013

Hrinivich T, Thang T, McKenzie CA, Bauman GS, Fenster A, Wong E. A Dimensionless Dynamic Contrast Enhanced MRI Parameter for Target Volume Delineation. Poster Presentation at the CARO COMP Joint Scientific Meeting, Montreal QC, CAN. Sept. 19, 2013

Hrinivich T, Ryu B, Edirisinghe C, D'Souza D, Surry K, Fenster A, Wong E. High Dose Rate Brachytherapy Catheter Localization using Intra-Operative 3D Trans-Rectal Ultrasound. Poster Presentation at Oncology Research and Education Day, London ON, CAN. Jun. 21, 2013

Hrinivich T, Thang T, McKenzie C, Bauman G, Fenster A, Wong E. Comparing Dynamic Contrast Enhanced MR Images of the Prostate for Two Pulse Sequences. Poster Presentation at the Imaging Network Ontario (ImNO) Symposium, Toronto ON, CAN. Feb. 4, 2013

Hrinivich T, McKenzie C, Bauman G, Fenster A, Wong E. Comparing Dynamic Contrast Enhanced MR Images of the Prostate for Two Pulse Sequences. Poster/Oral Presentation at the Imaging Applications in Prostate Cancer Workshop, London ON, CAN. Nov. 16, 2012

Hrinivich T, Jensen M, Wong E, A Point Densitometer Scanner for EBT2 Film Dosimetry. Poster Presentation at the 2012 American Association of Physicists in Medicine Annual Meeting, Charlotte, NC, USA. Jul. 29, 2012

Jensen M, Hrinivich T, Drangova M, Holdsworth D, Chen J, Wong E, Commissioning Motorized Jaws for a Micro-CT/RT. Poster Presentation at the 2012 American Association of Physicists in Medicine Annual Meeting, Charlotte, NC, USA. Jul. 29, 2012

Hrinivich T, Thang T, McKenzie CA, Bauman GS, Fenster A, Wong E. Dynamic contrast enhanced MRI parameter map sensitivity to imaging temporal resolution in the prostate. Oral and Poster Presentation at the Imaging Network Ontario (ImNO) Symposium, Toronto ON, CAN. Mar. 24, 2014 (Received first place award for poster presentation.)

Hrinivich T, Edirisinghe C, D'Souza D, Surry K, Hoover D, Fenster A, Wong E. Interstitial brachytherapy treatment for prostate cancer: Implementation and evaluation of a prototype 3D ultrasound guided mechatronic device. Poster presentation and Canada Student Health Forum, Winnipeg MA, CAN. June 11, 2014

Hrinivich T, Edirisinghe C, D'Souza D, Surry K, Hoover D, Fenster A, Wong E. 3D ultrasound guided needle insertion with a mechatronic device for prostate brachytherapy: Initial evaluation. Poster/Oral presentation at London Health Research Day, London ON, CAN. March 18, 2014 (Received award for poster presentation.)

Hrinivich T, Gibson E, Gaed M, Gomez J, Moussa M, McKenzie CA, Bauman GS, Ward AD Fenster A, Wong E. A dimensionless dynamic contrast enhanced MRI parameter for intra-prostatic tumour target volume delineation: Initial comparison with histology. Poster Presentation at SPIE Medical Imaging, San Diego CA, USA. Feb. 17, 2014

Gibson E, Gaed M, Hrinivich T, Gómez JA, Moussa M, Romagnoli C, Mandel J, Bastian-Jordan M, Cool D, Ghoul S, Pautler S, Chin JL, Crukley C, Bauman GS, Fenster A, Ward AD. Multiparametric MR imaging of prostate cancer foci: assessing the detectability and localizability of Gleason 7 peripheral zone cancers based on image contrasts. Poster Presentation at SPIE Medical Imaging, San Diego CA, USA. Feb. 17, 2014

Hrinivich T, Thang T, McKenzie CA, Bauman GS, Fenster A, Wong E. Dynamic contrast enhanced MRI parameter map sensitivity to imaging temporal resolution in the prostate. Poster/Oral Presentation at the Imaging Applications in Prostate Cancer Workshop, London ON, CAN. Nov. 15, 2013

Hrinivich T, Thang T, McKenzie CA, Bauman GS, Fenster A, Wong E. A Dimensionless Dynamic Contrast Enhanced MRI Parameter for Target Volume Delineation. Poster Presentation at the CARO COMP Joint Scientific Meeting, Montreal QC, CAN. Sept. 19, 2013

Hrinivich T, Thang T, McKenzie C, Bauman G, Fenster A, Wong E. Comparing Dynamic Contrast Enhanced MR Images of the Prostate for Two Pulse Sequences. Poster Presentation at the Imaging Network Ontario (ImNO) Symposium, Toronto ON, CAN. Feb. 4, 2013

Hrinivich T, McKenzie C, Bauman G, Fenster A, Wong E. Comparing Dynamic Contrast Enhanced MR Images of the Prostate for Two Pulse Sequences. Poster/Oral Presentation at the Imaging Applications in Prostate Cancer Workshop, London ON, CAN. Nov 16, 2012

Hrinivich T, Jensen M, Wong E, A Point Densitometer Scanner for EBT2 Film Dosimetry. Poster Presentation at the 2012 American Association of Physicists in Medicine Annual Meeting, Charlotte, NC, USA. Jul. 29, 2012

Jensen M, Hrinivich T, Drangova M, Holdsworth D, Chen J, Wong E, Commissioning Motorized Jaws for a Micro-CT/RT. Poster Presentation at the 2012 American Association of Physicists in Medicine Annual Meeting, Charlotte, NC, USA. Jul. 29, 2012

Awardee's Name: Ishak, Charles

Conditional haploinsufficiency of the retinoblastoma tumor suppressor gene. Ishak CA, Dick FA. Molecular & Cellular Oncology. 2014. Accepted

Haploinsufficiency of an RB-E2F1-Condensin II complex leads to aberrant replication and aneuploidy.
Coschi CH, Ishak CA, Gallo D, Marshall A, Talluri S, Wang J, Cecchini MJ, Martens AL, Percy V, Welch I, Boutros PC, Brown GW, Dick FA. Cancer Discov. 2014 Jul;4(7):840-53

Cancer Discovery (2013 impact factor 15.929) ranked 6th in oncology:
http://cancerdiscovery.aacrjournals.org/site/misc/cd_impact_factor.xhtml

Loss of the Mammalian DREAM Complex Deregulates Chondrocyte Proliferation.
Forristal C, Henley SA, MacDonald JI, Bush JR, Ort C, Passos DT, Talluri S, Ishak CA, Thwaites MJ, Norley CJ, Litovchick L, DeCaprio JA, DiMattia G, Holdsworth DW, Beier F, Dick FA.
Mol Cell Biol. 2014 Jun 15;34(12):2221-34.

From Collaboration to Tumor Suppression The Londoner May 2013

Ishak, CA., Passos DT., Ferwati, S., Marshall A., Dick, FA. Alternate pRB-E2F1 complexes silence repetitive elements Oncology Research and Education Day (2014) Poster selected for award

Ishak, CA., Passos DT., Ferwati, S., Marshall A., Dick, FA. Alternate pRB-E2F1 complexes silence repetitive elements. The 2nd Canadian Conference on Epigenetics: Epigenetics, Eh! London, Ontario, June 2014
Abstract selected for oral presentation

Ishak, CA., Passos DT., Ferwati, S., Marshall A., Dick, FA. Alternate pRB-E2F1 complexes silence repetitive elements. London Health Research Day (2014)

Ishak, CA., Passos, DT., Dick, FA. Alternate pRB-E2F1 regulate repetitive genomic elements to preserve genome stability. Oncology Research and Education Day (2013) Abstract selected for oral presentation
Ishak, CA., Passos, DT., Dick, FA. Alternate pRB-E2F1 regulate repetitive genomic elements to preserve genome stability. London Health Research Day (2013) Abstract selected for oral presentation

Ishak, CA., Passos, DT., Dick, FA. Investigation of a unique pRB-E2F1 complex in development and disease Oncology Research and Education Day (2012) Poster selected for award

“Alternate pRB-E2F1 regulate repetitive genomic elements to preserve genome stability", London Health Sciences Center Cancer Research Laboratory Program Seminar Series London, Ontario (2013)

"Investigation of a unique pRB-E2F1 complex in development and disease", London Health Sciences Cancer Research Laboratory Program Seminar Series London, Ontario (2012)

"Investigation of a unique pRB-E2F1 complex in development and disease", Western University Department of Biochemistry Trainee Seminar Series London, Ontario (2012)

"Investigation of a unique pRB-E2F1 complex in development and disease", Western University Department of Biochemistry Harold B. Stewart Memorial Lecture & Research Showcase London, Ontario (2012)

Awardee’s Name: Jensen, Michael

M. D. Jensen, A. Abdellatif, J. Chen, E. Wong, “Study of the IMRT interplay effect using 4DCT Monte Carlo dose calculation,” Phys. Med. Biol. 2012 Apr 21; 57(8):N89-99. (TOP 5 JOURNAL)

Abdellatif, J. Craig, M. Jensen, M. Mulligan, H. Mosalaei, G. Bauman, J. Chen, E. Wong, “Experimental assessments of intrafractional prostate motion on sequential and simultaneous boost to a dominant intraprostatic lesion,” Med. Phys. 2012 Feb 27; 39(3):1505-17. (TOP 5 JOURNAL)

M. Jensen*, T. Hrinivich, M. Drangova, D. Holdsworth, J. Chen, E. Wong, “Commissioning motorized jaws for a micro-CT/RT”, American Association of Physicists in Medicine 54th Annual Meeting, Charlotte NC, July 2012. Poster Presentation

T. Hrinivich*, M. Jensen, E. Wong, “A Point Densitometer Scanner for EBT2 Film Dosimetry”, American Association of Physicists in Medicine 54th Annual Meeting, Charlotte NC, July 2012. Poster Presentation

M. Jensen*, T. Hrinivich, M. Drangova, D. Holdsworth, J. Chen, E. Wong, “Commissioning motorized jaws for a micro-CT/RT”, Research and Education Day, Department of Oncology, The University of Western Ontario, London ON, June 2012. Poster Presentation

M. Jensen*, J. Chen, D. Holdsworth, M. Drangova, F. Van Sas, E. Wong, “Development of GE eXplore CT 120 micro-CT for small animal radiotherapy with an in-bore collimator”, 2011 Joint American Association of Physicists in Medicine/Canadian Organization of Medical Physicists, Vancouver BC, July 2011. Oral Presentation.

M. Jensen*, J. Chen, D. Holdsworth, M. Drangova, F. Van Sas, E. Wong, “Development of GE eXplore CT 120 micro-CT for small animal radiotherapy with an in-bore collimator”, Research and Education Day, Department of Oncology, The University of Western Ontario, London ON, June 2011. Poster Presentation

J.H. Tai*, M. Jensen, L. Hoffman, J. Tessier, A. Ryan, E. Wong, J. Waterton, T-Y. Lee, “Tumor Shrinkage, Downregulation of in situ VEGF and K-Ras Expression, and Correlating Changes in DCE-CT Imaging Biomarkers Following 6-Day Consecutive Vandetanib Treatment in Larger Hypovascular Human Colon Tumor (LoVo) Xenograft Harboring K-Ras Mutation”, Research and Education Day, Department of Oncology, The University of Western Ontario, London ON, June 2011. Oral Presentation

M. Jensen*, D. Hoover, J. Craig, J. Chen, E. Wong, "Adaptive Intensity Modulated Arc Therapy using Geometric and Iterative Algebraic Optimizations", Imaging Network Ontario, 9th Imaging Symposium, Toronto ON, January 2011. Poster Presentation

J.H. Tai*, M. Jensen, L Hoffman, E. Wong, T-Y. Lee, "Tumor Shrinkage in Larger Hypovascular Human Colon Tumor Xenograft during 6-Day Consecutive Vandetanib Treatment is Caused by a Synergistic Effect of anti-K-RAs Activity with anti-VEGF Activity", Imaging Network Ontario, 9th Imaging Symposium, Toronto ON, January 2011. Poster Presentation

M. Jensen*, J.H. Tai, Tessier J, A.J. Ryan, L. Hoffman, J.Z. Chen, T-Y. Lee, E. Wong, "Impact of image segmentation on the statistical analyses of regional tumour vascular response to Vandetanib treatment in a hypovascular xenograft model using dynamic contrast-enhanced computed tomography (DCE-CT)", Research and Education Day, Department of Oncology, The University of Western Ontario, London ON, June 2010. Poster Presentation

D. Hoover*, M. Jensen, L. Wong, J. Craig, J. Chen, E. Wong, "Iterative Optimization for Intensity Modulated Arc Therapy Using Monte Carlo Dose Calculations", XVIth International Conference on the Use of Computers in Radiation Therapy, Amsterdam, The Netherlands, May 2010. Oral Presentation

Cancer Research Speaker
Research Information and Outreach Team, Canadian Cancer Society (CCS), London ON
As a member of a panel (with other CaRTT Trainees), presented the continuum of cancer research (bench to beside) to members of the public
- Sanofi-Aventis BioTalent Challenge, London ON, April 2011 (with C. Coschi, A. Robertson, R. Correa)
- CCS Regional Staff Meeting, London ON, Oct 2011 (with C. Coschi, S. Maleki, T. Yeung)
- CCS “Fueling the Mission”, Windsor ON, Feb 2012 (with C. Coschi, S. Maleki, T. Yeung)
- CCS Volunteer Celebration, London ON, May 2012 (with C. Coschi, S. Maleki, T. Yeung)

Research Speaker at Relay for Life opening ceremonies
- Stratford ON, June 2011
- Ingersoll ON, June 2011
- Lucan ON, June 2012

Awardee’s Name: Jewer, Michael

Taylor MJ, Quail DF, Walsh L, Dieters-Castator D, Das P, Jewer M and Postovit LM. (2011) Low oxygen levels induce the expression of the embryonic morphogen Nodal. Molecular Biology of the Cell. Accepted. My contributions make of 5% of this manuscript.

Jewer MC, Findlay S and Postovit LM. (2012) Post transcriptional regulation of gene expression in cancer. Journal of Cell Communication and Signaling. In preparation. 50% of the work was contributed by me.

Quail DF, Taylor MJ, Jewer MC and Postovit LM. (2011) Microenvironmental regulation of cancer stem cell phenotypes. Current Stem Cell Research & Therapy. 7(3):197-216. My contributions make of 5% of this manuscript.

Jewer M, Taylor M, Hughes C, Postovit L M. (2011) Post-transcriptional regulation of Nodal by hypoxia. CIHR Strategic Training Program in Cancer Research and Technology Transfer. The Department of Oncology, Research and Education Day 2008. The University of Western Ontartio, London, ON, Canada. June 17.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2011). Post-transcriptional regulation of Nodal by hypoxia. Margaret Moffat Research Day. The University of Western Ontario, London, ON, Canada. March 29.

Jewer M, Taylor M, Hughes C, Postovit L M. (2010) Post-transcriptional regulation of Nodal by hypoxia Public Health Agency of Canada. CIHR Strategic Training Program in Cancer Research and Technology Transfer. The Department of Oncology, Research and Education Day 2008. The University of Western Ontartio, London, ON, Canada. June 18.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2010). Post-transcriptional regulation of Nodal by hypoxia. Research Day. The University of Western Ontario, London, ON, Canada. March 24.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2010). Post-transcriptional regulation of Nodal by hypoxia. Margaret Moffat Research Day. The University of Western Ontario, London, ON, Canada. March 31.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2011). Post-transcriptional regulation of Nodal by hypoxia. Lawson Research Day. The University of Western Ontario, London, ON, Canada. March 22.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2011). Post-transcriptional regulation of Nodal by hypoxia. Department of Oncology Research and Education Day. The University of Western Ontario, London, ON, Canada. June 17.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2012). Post-transcriptional regulation of Nodal by hypoxia. London Health Research Day. The University of Western Ontario, London, ON, Canada. March 20.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2012). Post-transcriptional regulation of Nodal by hypoxia. Department of Oncology Research and Education Day. The University of Western Ontario, London, ON, Canada. June 22.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2012). Post-transcriptional regulation of Nodal by hypoxia. Research Day. The University of Western Ontario, London, ON, Canada. March 20.

Michael Jewer, Meghan Taylor, Chris Hughes, Lynne-Marie Postovit (2013). Post-transcriptional regulation of Nodal by hypoxia. Department of Onclogy Research and Education Day. The University of Western Ontario, London, ON, Canada. June 21.

Awardee's Name: Johnston, Nathan

2014 Zheng, X., Zhang, X., Ling, H., Johnston, N., Chen, D., Siu, L., Luke, P., Jevnikar, A.M. and Min, W.P. Protection of renal function by perfusing donor organs with siRNA in kidney transplantation. PLoS One. (2014). Under revision.

2014 Wang, W., Chen, K., Liu, Q., Johnston, N., Ma, Z., Zhang, F. and Zheng, X. Suppression of tumor growth by pleurotus ferulae ethanol extract through induction of cell apoptosis, and inhibition of cell proliferation and migration. PLoS One. eCollection (2014). Published.

2014 Zhang, X., Liu, Y., Zhang, G., Shi, J., Zhang, X., Zheng, X., Jiang, A.T., Zhang, Z.X., Johnston, N., Siu, K.S., Chen, R., Lian, D., Koos, D., Quan, D. and Min, W.P. Synergic silencing of costimulatory molecules prevents cardiac allograft rejection. J Transl Med. 12, 142 (2014). Published.

2013 Siu, K.S., Chen, D., Zheng, X., Zhang, X., Johnston, N., Liu, Y., Yuan, K., Koropatnick, J., Gillies, E.R. and Min, W.P. Non-covalently functionalized single-walled carbon nanotube for topical siRNA delivery into melanoma. Biomaterials. 35, 3435-42 (2014). Published.

2013 Zhou, L., Zang, G., Zhang, G., Wang, H., Zhang, X., Johnston, N., Min, W., Luke, P., Jevnikar, A., Haig, A. and Zheng, X. MicroRNA and mRNA signatures in ischemia reperfusion injury in heart transplantation. PLoS One. eCollection (2013). Published.

2012 Kennedy, D. and Johnston, N. Ontario GenOvis program annual report 2011. Ontario Ministry of Agriculture, Food and Rural Affairs (2012).

2013 Zhou, L., Johnston, N., Zhang, X., Cheng, D., Sui, L., Luke, P., Jevnikar, A., Min, W. and Zheng, X. Regulation of microRNA in ischemia reperfusion injury in heart transplantation, The 2013 American Transplant Congress. Abstract number: B881.

2014 Johnston, N. MicroRNA regulation of PD1, TIM3 and BTLA: reverting T cell exhaustion to reduce melanoma development. 2014 Cancer Research and Technology Transfer Research & Education Day, Western University, London, ON. Poster Presentation.

2014 Johnston, N. MicroRNA regulation of PD1, TIM3 and BTLA: reverting T cell exhaustion to reduce melanoma development. 2014 London Health Research Day, London Convention Centre, London, ON. Poster Presentation.

2014 Johnston, N. MicroRNA regulation of PD1, TIM3 and BTLA: reverting T cell exhaustion to reduce melanoma development. 2014 Annual Pathology Research Day, Western University, London, ON. Poster Presentation.

2013 Johnston, N. miRNA regulation of PD-1, TIM-3 and BTLA: reverting T cell exhaustion to reduce melanoma. 2013 London Health Research Day, London Convention Centre, London, ON. Poster Presentation.

2013 Johnston, N. miRNA regulation of PD-1, TIM-3 and BTLA: reverting T cell exhaustion to reduce melanoma. 2013 Annual Pathology Research Day, Western University, London, ON. Poster Presentation.

2012 Johnston, N. Assessment of Neurodegeneration in an Aged Rat Model of Alzheimer`s Disease. 2012 Anatomy and Cell Biology Research Day, Western University, London, ON. Poster Presentation.

Awardee's Name: Jung, Mary

Wilson, A. J., Prapavessis, H., Jung, M. E., Cramp, A. G., Vascotto, J., Lenhardt, L., Shoemaker, J. K., et al. (2009). Lifestyle modification and metformin as long-term treatment options for obese adolescents: study protocol. BMC Public Health, 9, 434.

Wilson, A. J., Simatovic, J., Kasman, S., Radford, L., Kovacks, P., Jung, M. E., Prapavessis, H., & Clarson, C. (2010). Long-term physical activity behaviour in obese adolescents: Effects of an exercise and group-mediated cognitive behavioural intervention. Paper presented at the Childhood and Adolescent Obesity Conference, Hamilton, Canada.

Little, J. P., Gillen, J., Percival, M., Safdar, A., Tarnopolsky, M. Punthakee, Z., Jung, M. E., & Gibala, M.(ePUB ahead of print on August 25, 2011, doi:10.1152/japplphysiol.00921.2011). Low-volume high-intensity interval training reduces hyperglycemia and increases muscle mitochondrial capacity in patients with type 2 diabetes. Journal of Applied Physiology.

Lubans, D. R., Plotnikoff, R. C., Jung, M. E., Eves, N., & Sigal, R. (2011). Testing Mediator Variables in a Resistance Training Intervention for Obese Adults with Type 2 Diabetes. Psychology and Health. Manuscript ID GPSH-2011-0123.

Stadig, G., Strachan, S. M., & Jung, M. E. Affective and self-presentational responses to an exercise identity challenge: Investigating identity theory and the role of the other. Journal of Sport and Exercise Psychology. Manuscript ID JSEP_2011_0048.

Jung, M. E., & Brawley, L. R. (2011). Exercise persistence in the face of varying exercise challenges: A test of self-efficacy theory in working mothers. Journal of Health Psychology, 16, 728-738.

Jung, M. E., & Brawley, L. R. (2010). Concurrent Management of Exercise with Other Valued Life Goals: Comparison of Frequent and Less Frequent Exercisers. Psychology of Sport & Exercise, 11, 372-377.

Jung, M. E., Fitzgeorge, L., Prapavessis, H., Faulkner, G., & Maddison, R. (2010). The Getting Physical on Cigarettes trial: Rationale and methods. Mental Health and Physical Activity, 2, 35-44. Doi: 10.1016/j.mhpa.2010.02.002

Jung, M. E., & Brawley, L. R. (in press). Concurrent Self-Regulatory Efficacy as a Mediator of the Goal – Exercise Behaviour Relationship. Journal of Health Psychology. Manuscript ID JHP-09-0208.

Jung, M. E., Martin Ginis, K. A., Phillips, S. M., & Lordon, C. (2011). Increasing calcium intake in young women through gain-framed, targeted messages. Psychology and Health, 26, 531 – 547.

Plotinikoff, R., Eves, N., Jung, M. E., Padwell, R., & Sigal, R. (in press). Multi-Component, Home-based Resistance Training for Obese Adults with Type 2 Diabetes: A Randomized Controlled Trial. International Journal of Obesity. Manuscript Number: 2009IJO00981.

Jung, M. E., Little, J. P., Gillen, J., & Gibala, M. (2011). It's not too hard! Perceived enjoyment for high-intensity interval training in Type 2 Diabetes. Medicine and Science in Sports and Exercise, 43(5): S14 (selected for "Special Topics Symposium").

Lubans, D. R., Plotnikoff, R. C., Jung, M. E., Eves, N., & Sigal, R. (2011). Mediators of change in a resistance training intervention for adults with type 2 diabetes. Presented at the International Society for Behavioral Nutrition and Physical Activity conference, Melbourne, Australia.

Gray, C., Campbell, N., Jung, M. & Prapavessis, H. (2011). A brief motivational interview increases perceived competence for physical activity in children. Presented at the North American Symposium for the Psychology of Sport and Physical Activity conference, 33, S152.

Wilson, A. J., Jung, M. E., Cramp, A. G., Simatovic, J., Prapavessis, H., & Clarson, C. L. (2011). Psychosocial predictors of obese adolescent physical activity: Findings from the REACH trial. Presented at the North American Symposium for the Psychology of Sport and Physical Activity conference, 33, S197.

Wilson, A. J., Simatovic, J., Jung, M. E., Cramp, A. G. Prapavessis, H. (2010). Exercise programs for obese adolescents: What is the right intensity? Presented at the International Congress of Behavioral Medicine, Washington, D. C., USA.

Wilson, A. J., Jung, M. E., Cramp, A. G., Simatovic, J., Prapavessis, H., & Clarson, C. (2010). A group-mediated cognitive-behavioural exercise intervention for obese adolescents. Presented at the Canadian Society for Psychomotor Learning and Sport Psychology, Ottawa, Ontario.

Brawley, L. R., Glazebrook, K. E., Spink, K. S., & Jung , M. E. (2010) Maintenance of Cardiac Rehabilitation Exercise Therapy: Enhancing Self-Regulatory Efficacy for Additional Self-Managed Physical Activity, Annals of Behavioral Medicine, 39 , s29.

McRae, G., Payne, A., Ma, J. K., Jung, M. E., Little, J. P., & Gurd, B. J. (2011). Interval training improves aerobic fitness, muscular endurance and exercise enjoyment. Journal of Strength and Conditioning Research. Manuscript ID JSCR-S-11-00508.

Bottorff, J., Poole, N., Kelly, M. T., Greaves, L., Marcellus, L., & Jung, M. E. (2011). Tobacco and alcohol use in the context of adolescent pregnancy: Review of the literature. Addiction Research and Theory. Manuscript ID GART_2011_0056.

Awardee's Name: Kolendowski, Bart

"The Role of Thymine DNA Glycosylase, DNA Demethylation and Enhancer RNA production in estrogen mediated signaling." Oncology Research & Education Day, 2014 (Poster)

"Thymine DNA Glycosylase and DNA methylation in TGFβ-dependent signaling", Oncology Research & Education Day, 2013 (Poster)

"The Role of Thymine DNA Glycosylase (TDG) in Active Demethylation of the p16ink4a Promoter during Cellular Senescence", "Physiology and Pharmacology Poster Day" - University of Western Ontario, 2014 (Poster - co-author)

"The role of TDG in TGFβ signaling", "Biochemistry Graduate Student Seminar - University of Western Ontario", 2014 (Presentation)

"The Role of Active Demethylation in Cancer", "Cancer Research Laboratory Program Seminar Series", 2014 (Presentation)

"The Role of Active Demethylation in TGFβ-dependent signaling", "Gordon Research Conference", 2013 (Poster-co-author)

"The Role of Thymine DNA Glycosylase and DNA methylation in TGFβ-dependent signaling", "Harold Stewart Research Day", 2013 (Poster)

"TDG's role in H2O2 induced senescence", "Harold Stewart Research Day", 2012 (Poster)

Awardee's Name: Kossert, Amy

Munroe-Chandler, K. J., Kossert, A. L., & Loughead, T. M. (2012). Pumping iron: The social advantages of weight training. Journal of Applied Biobehavioral Research. Volume 17, Issue 3, pages 157–175.

Kossert, A. L., Cramp, A., Prapavessis, H., Brackstone, M., and Koropatnick, J. (2011). Effectiveness of pre-surgical exercise training in attenuating symptoms of anxiety and depression among breast cancer surgical candidates. Poster presented at the Oncology Research and Education Day of the CIHR-STP Cancer Research and Technology Transfer; Lawson Health Research Institute Research Day, London Health Sciences Center; London, ON.

Cramp, A., Kossert, A., Prapavessis, H., Eagleson, R., & Lee, S. (2011, June). A social media delivered exercise aided smoking cessation intervention. Poster presented at the annual Oncology Research and Education Day of the CIHR-STP Cancer Research and Technology Transfer, London, ON.

Kossert, A. L., Prapavessis, H., Brackstone, M., Cramp, A., and Koropatnick, J. (2010, October). Prehabilitation: The psychosocial impacts of pre-surgical exercise training in breast cancer surgical candidates. Poster presented at the Women's Mental Health: Building Networks and Research Capacity Conference, Toronto, ON.

Kossert, A. L., Prapavessis, H., Brackstone, M., Cramp, A., and Koropatnick, J. (2010, June). PREHAB: The psychosocial impacts of pre-surgical exercise training among breast cancer surgical candidates. Poster presented at the annual Oncology Research and Education Day of the CIHR-STP Cancer Research and Technology Transfer, London, ON.

Kossert, A. L., Prapavessis, H., Brackstone, M., Cramp, A., and Koropatnick, J. (2010, June). Effectiveness of exercise on immune function, stress, physical fitness, and psychological health in pre-menopausal breast cancer survivors. Invited talk at the annual meeting for the Multidisciplinary Breast Team, Grand Bend, ON.

Kossert, A. L., Prapavessis, H., Brackstone, M., Cramp, A., and Koropatnick, J. (2010, June). PREHABilitation: Psychosocial impacts of pre-surgical exercise training. Invited talk at the annual meeting for the Multidisciplinary Breast Team, Grand Bend, ON.

Cull, S., Kossert, A. L., Brackstone, M., Prapavessis, H., and Koropatnick, J. (2009). The effect of exercise on immune function in premenopausal women successfully treated for breast cancer. Poster presented at the Oncology Research and Education Day of the CIHR-STP Cancer Research and Technology Transfer; Lawson Health Research Institute Research Day, London Health Sciences Center; London, ON.

Kossert, A., Lebel, K., & Cramp, A. G. (2012). Tweetment in 140 Characters or Less? A Content Analysis of Cystic Fibrosis Social Networks on Twitter. Poster presented at the annual meeting of the Society for Behavioral Medicine, New Orleans, LA.

Kossert, A., Cramp, A., Prapavessis, H., & Brackstone, M. (2011, October). An examination of the feasibility and efficacy of exercise in attenuating symptoms of anxiety and depression among breast cancer surgical candidates. Poster presented at the biennual meeting of the International Psycho-Oncology Society, Antalya, Turkey.

Cull, S., Figueredo, R., Kossert, A., & Koropatnik, J. (2010, August). Diet and voluntary aerobic exercise affects peripheral monocyte and resident macrophage function and activity in female C57BL/6 mice. Poster presented at the biennial meeting of the International Congress of Behavioral Medicine, Washington DC, USA.

Kossert, A. L., & Munroe-Chandler, K. J. (2009, June). Appearance imagery formation among female exercisers and non-exercisers: A qualitative examination. Poster presented at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity, Lisbon, Portugal.

Kossert, A. L., & Munroe-Chandler, K. J. (2009, April). Appearance imagery promotes exercise intention among sedentary females: A qualitative examination of the nature and valence of exercise imagery. Poster presented at the annual meeting of the Society for Behavioral Medicine, Montreal, QC.

Awardee's Name: Landman, Erin

"MiR-526b Promotes Breast Cancer Progression" Landman E (80%), Majumder M, Liu L, Lala PK. In Prep.

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. Department of Oncology - Research and Education Day. 2014, London, ON. Oral Presentation

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. American Association of Cancer Research Conference (AACR), 2014, San Diego, CA.

Majumder M, Xin X, Liu L, Bell G, Landman E, Rodriguez- Torres M, Postovit L, Hess D, and Lala PK. Stem like cells in breast cancer: EP4 as a therapeutic target. American Association of Cancer Research Conference (AACR), 2014, San Diego, CA.

Landman E, Majumder M, Liu L, Lala PK. The role of microRNA 526b in cyco- oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. London Health Research Day, 2014, London, ON.

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyclo-oxygenase-2 mediated induction of cancer stem cell phenotype via EP4 receptor activation. 3rd International Workshop on Nitric Oxide in Cancer Therapy, 2013. Kingston, ON. Oral Presentation

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. Department of Oncology - Research and Education Day. 2013, London, ON. Oral Presentation

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. Canadian Cancer Research Conference (CCRC), 2013, Toronto, ON.

Majumder M, Xin X, Postovit L, Bell G, Dunn L, Landman E, Hess D, Lala PK. Cyclo- oxygenase-2 induced MicroRNAs stimulate stem-like cells and breast cancer progression via EP4 activation and AKT and ERK pathways. Canadian Cancer Research Conference (CCRC), 2013, Toronto, ON.

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. Anatomy and Cell Biology Departmental Research Day. 2013, London, ON.

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. Department of Oncology - Research and Education Day. 2013, London, ON.

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyclo-oxygenase-2 mediated induction of cancer stem cell phenotype via EP4 receptor activation. 3rd International Workshop on Nitric Oxide in Cancer Therapy, 2013. Kingston, ON.

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways". London Health Research Day, 2013, London, ON.

Majumder M, Dunn L, Landman E, Xin X, Lala PK. COX-2 and COX-2 induced microRNAs in breast cancer progression: sustenance of stem-like cells. 3rd International Cancer Research Symposium. 2012, Kolkata, India.

Awardee's Name: Leong, Honsing

Leong HS, Podor TJ, Manocha B, Lewis JD. Validation of flow cytometric detection of platelet microparticles and liposomes by atomic force microscopy. J Thromb Haemost 2011. Dec 9(12):2466-76

Leong HS, Lizardo M, Ablack A, McPherson V, Chambers AF, Lewis JD. Imaging the impact of chemically inducible proteins on cellular dynamics in vivo. PLoS One 2012;7(1):e30177.

Cho CF, Ablack A, Leong HS, Zijlstra A, Lewis JD. Evaluation of Nanoparticle Uptake in Tumors in Real Time Using Intravital Imaging. J Vis Exp. 2011 Jun 21;(52).

Leong HS, Steinmetz NF, Ablack A, Destito G, Zijlstra A, Stuhlmann H, Manchester M, Lewis JD. Intravital imaging of embryonic and tumor neovasculature using viral nanoparticles. Nat Protoc. 2010 Aug;5(8):1406-17

Arpaia E*, Blaser H*, Quintela-Fandino M*, Duncan G,Leong HS, Ablack A, Nambiar SC, Lind EF, Silvester J, Fleming CK, Rufini A, Tusche MW, Brüstle A, Nadeem V, Pan JJ, Ohashi PS, Lewis JD, Mak TW. The interaction between caveolin-1 and Rho-GTPases promotes metastasis by controlling the expression of alpha5-integrin and the activation of Src, Ras and Erk. Oncogene. 2011 Jul 18. (TOP 5 JOURNAL)

Leong HS, Chambers AF, Lewis JD. Assessing cancer cell migration and metastatic growth in vivo in the chick embryo using fluorescence intravital imaging. Methods in Molecular Biology. 2012; 872:1-14

Souter L, Andrews JD, Zhang GH, Cook AI, Postenka CO, Al-Katib W, Leong HS, Rodenhiser DI, Chambers AF, Tuck, AB. Human 21T breast epithelial cell lines mimic breast cancer progression in vivo and in vitro and show stage-specific gene expression patterns. Lab Invest 2010 Aug;90(8):1247-58.

Mahesh BM, Leong HS, Nair KS, McCormack AD, Sarathchandra P, Rose ML. Autoimmunity to vimentin potentiates graft vasculopathy in murine cardiac allografts. Transplantation 2010 Jul 15;90(1):4-13

Abstracts and Oral Presentations:

Leong, HS, Robertson A, Ablack A, MacPherson V, Chambers AF, Lewis JD. Invadopodia formation and mircovesicle release are required for cancer cell extravasation in vivo. 1st Canadian Cancer Research Conference, November 27-30, 2011. Toronto, ON. Oral Presentation

Leong, HS, Robertson A, Ablack A, MacPherson V, Chambers AF, Lewis JD. Invadopodia formation and mircovesicle release are required for cancer cell extravasation in vivo. 51st American Society for Cell Biology, Deember 3-7, 2011. Denver, CO.

Leong HS, Robertson AE, Ablack A, Mutrie JC, Turley EA, Chambers AF, Lewis JD. Invadopodia formation and microvesicle release are required for cancer cell extravasation in vivo. Oral Presentation. Department of Oncology Research & Education Day June 18 2010. London ON.

Robertson A, Leong HS, Lewis JD. Identification of critical mediators of tumour cell migration using an in vivo shRNA screen. 2nd Terry Fox Research Institute Meeting, May 13-16 2010. Vancouver BC.

Leong HS, Lizardo M, Nambiar SC, Ablack A, Kim D, Chambers AF, Lewis JD. In vivo visualization of epithelial-mesenchymal transition in real time using a chemically tuneable E-cadherin. AACR 101st Annual Meeting 2010, april 17-22. Washington DC.

Leong HS, Lizardo M, Nambiar SC, Ablack A, Kim D, Chambers AF, Lewis JD. In vivo visualization of epithelial-mesenchymal transition in real time using a chemically tuneable E-cadherin. Oral Presentation. Lawson Research Day, March 23 2010. London ON.

Leong HS, Robertson A, Ablack A, Lizardo M, Chambers AF, Lewis JD. Invadopodia formation and microvesicle release are required for cancer cell extravasation in vivo. 102nd American Association for Cancer Research, April 2-6, 2011. Orlando, FL. Oral Presentation

Awardee's Name: Lowes, Lori

Lowes, L.E., Hedley, B.D., Keeney, M., and Allan, A.L. User-defined protein marker assay development for characterization of circulating tumor cells using the CellSearch® system. Cytometry A. 2012 Aug 16. doi: 10.1002/cyto.a.22158. [Epub ahead of print]

Lowes, L.E., Allan, A., Lock, M., Rodrigues, G., D'Souza, D., Bauman, G., Venkatesan, V., and Sexton, T. Circulating tumor cells in prostate cancer patients receiving salvage radiotherapy. Clinical and Translational Oncology. 2012 Feb;14(2):150-6.

Nichols A.C., Lowes, L.E., Szeto, C.C.T., Basmaji, J., Dhaliwal, S., Chapeskie, C., Todorov, B., Read, N., Venkatesan, V., Hammond, A., Palma, D.A., Winquist, E., Ernst, S., Fung, K., Franklin, J.H., Yoo, J., Koropatnick, J., Mymryk, J.S., Barrett, J.W., and Allan, A.L. Detection of circulating tumor cells in advanced head and neck cancer using the CellSearch system. Head and Neck. 2012 Oct;34(10):1440-4. doi: 10.1002/hed.21941. Epub 2011 Nov 11.

Lowes, L.E., Goodale, D., Keeney, M., and Allan, A.L. Image cytometry analysis of circulating tumor cells. Methods Cell Biol. 2011;102:261-90. PMID: 21704842

Lowes, L.E., Hedley, B.D., Keeney, M., and Allan, A.L. User-defined protein marker assay development for characterization of circulating tumor cells using the CellSearch® system. Cytometry A. 2012 Aug 16. doi: 10.1002/cyto.a.22158. [Epub ahead of print] PMID: 22899576

Lowes, L.E., Lock, M., Rodrigues, G., D'Souza, D., Bauman, G., Venkatesan, V., Allan, A.L., and Sexton, T. Circulating tumor cell analysis in prostate cancer patients receiving salvage radiotherapy. 8th International Symposium on Minimal Residual Cancer 2011, Osaka, Japan. September 2011 [poster presentation, L. Lowes].

Lowes, L.E., Hedley, B.D., Keeney, M., and Allan A.L. Molecular marker development for characterizing CD44, M-30, and prostate-specific antigen on circulating tumor cells in metastatic cancer. Joint Metastasis Research Society-American Association of Cancer Research Annual Meeting 2010, Philadelphia, PA. September 2010 [poster presentation, L. Lowes].

Sexton, T., Allan, A., Lowes, L., Lock, M., Rodrigues, G., D'Souza, D., Bauman, G., and Venkatesan, V. Significance of circulating tumor cells in prostate cancer patients receiving salvage radiation. Canadian Association of Radiation Oncologists Annual Meeting 2010, Vancouver, BC. September 2010 [oral presentation, T. Sexton].

Lowes, L.E., Hedley, B.D., Keeney, M., and Allan A.L. Molecular marker development for characterization of circulating tumour cells in breast and prostate cancer. 7th International Symposium on Minimal Residual Cancer, Athens, Greece. September 2009 [poster presentation, B. Hedley].

Sexton, T., Allan, A.L., Hedley, B.D., Lowes, L, Venkatesan, V., Rodrigues, G., and Ahmad, B. Detection of circulating tumor cells in prostate cancer patients with rising PSA post-prostatectomy. Canadian Association of Radiation Oncologists Annual Meeting 2009, Quebec City, QC. September 2009 [oral presentation, T. Sexton].

Local Meetings:
Lowes, L.E., Hedley, B.D., Keeney, M., and Allan, A.L. Molecular marker development for characterizing CD44 and M-30 on circulating tumor cells in metastatic cancer. 8th Annual Oncology Research and Education Day, London, ON. June 2011 [poster presentation, L. Lowes].

Lowes, L.E., Lock, M., Rodrigues, G., D'Souza, D., Bauman, G., Venkatesan, V., Allan, A.L., and Sexton, T. The prognostic significance of circulating tumor cells in prostate cancer patients with a rising prostate-specific antigen post-prostatectomy. Lawson Research Day 2011, London, ON. March 2011 [poster presentation, L. Lowes].

Lowes, L.E., Hedley, B.D., Keeney, M., and Allan, A.L. Molecular marker development for characterizing CD44, M-30, and prostate-specific antigen on circulating tumor cells in metastatic cancer. 17th Annual Anatomy and Cell Biology Research Day, London, ON. October 2010 [poster presentation, L. Lowes].

Lowes, L.E., Hedley, B.D., Keeney, M., Allan A.L., and Sexton T. The prognostic significance of circulating tumor cells in prostate cancer patients with a rising prostate-specific antigen post-prostatectomy. Oncology Research and Education Day 2010, The University of Western Ontario, London, ON. June 2010 [poster presentation, L. Lowes].

Lowes, L.E., Hedley, B.D., Keeney, M., and Allan A.L. Molecular marker development for characterization of circulating tumour cells in breast and prostate cancer. Lawson Research Day 2010, The University of Western Ontario, London, ON. March 2010 [poster presentation, L. Lowes].

Lowes, L.E., Hedley, B.D., Keeney, M., and Allan A.L. Molecular marker development for characterization of circulating tumour cells in breast and prostate cancer. 16th Annual Anatomy and Cell Biology Research Day, The University of Western Ontario, London, ON. October 2009 [poster presentation, L. Lowes].

Lowes, L.E., Hedley, B.D., and Allan A.L. Molecular characterization of circulating tumour cells in metastatic breast cancer. Oncology Research and Education Day 2009, The University of Western Ontario, London, ON. June 2009 [poster presentation, L. Lowes].

Sexton, T., Allan, A., Hedley, B., Lowes, L., Venkatesan, V., Rodrigues, G., and Ahmad, B. Detection of circulating tumor cells in prostate cancer patients with rising PSA post-prostatectomy. Oncology Research and Education Day 2009, The University of Western Ontario, London, ON. June 2009 [poster presentation, T. Sexton].

Oral Research Presentations:
Lowes, L.E. Circulating tumor cell analysis in prostate cancer patients receiving salvage radiotherapy. London Regional Cancer Program Seminar Series, London, ON, February 2011.

Lowes, L.E. Circulating tumor cell analysis in prostate cancer patients receiving salvage radiotherapy. 17th Annual Anatomy and Cell Biology Research Day, London, ON, October 2010.

Lowes, L.E. Molecular characterization of circulating tumor cells in metastatic cancer. London Regional Cancer Program Seminar Series, London, ON, June 2010.

Involvement in Public, Private, or Non-Profit Sector Activities:
London Health Sciences Foundation Donor Presentation, London, ON, May 2011, prepared a presentation to inform potential donors of the research to be conducted with their funds.

Rose in My Book Volunteer, London, ON, January 2010-present, participated in the creation of a music video and the sale of 50/50 tickets to raise funds for breast cancer research.

ONERUN, London, ON, September 2010-present, participated in the ONERUN kick-off event, rode a bike 100km to raise money for breast cancer research, lab tour for ONERUN community members

Graduate Student Open House, UWO, January 2010. Participated in a recruitment weekend to promote UWO and the Department of Anatomy & Cell Biology to potential graduate students.

Awardee's Name: Ma, Irene

Sopel, M., Falkenham, A., Oxner, A., Ma, I., Lee, T.D., and Légaré, J.F. (2012) Fibroblast progenitor cells are recruited into the myocardium prior to the development of myocardial fibrosis. International Journal of Experimental Pathology, 93(2): 115-124.

Ma, I., and Allan, A.L. (2010) The role of human aldehyde dehydrogenase in normal and cancer stem cells. Stem Cell Reviews and Reports (manuscript ID #STCR-258). Accepted with revisions October 2010. Percent Contribution: 80%

Sopel, M., Ma, I., Gelinas, L., Oxner, A., Myers, T. and Légaré, J.F. (2010) Integrins and monocyte migration to the ischemic myocardium. Journal of Investigative Surgery, 23(2): 79-86. Percent Contribution: 50%

Ma, I., and Allan, A.L. (2010) The functional role of human aldehyde dehydrogenase-1a1 (ALDH1a1) and CD44 in breast cancer metastasis. Department of Oncology Research and Education Day, London, ON, June 18th, 2010 (poster presented by Ma, I., awarded an Honourable Mention)

Ma, I. (November 4th, 2009; March 24th, 2010) The functional roles of aldehyde dehydrogenase-1a1 (ALDH-1a1) and CD44 in breast cancer metastasis. Presented to the Department of Anatomy as part of the course ACB 9620

Ma, I., and Allan, A.L. (2011) The role of human aldehyde dehydrogenase in normal and cancer stem cells. Stem Cell Reviews and Reports, 7(2):292-306. I contributed to approximately 90% to this review publication.

Ma, I., and Allan, A.L. (2011) The functional role of human aldehyde dehydrogenase-1a1 (ALDH1a1) in breast cancer metastasis. Oncology Research and Education Day, London, ON, June 17, 2011 (poster presented by Ma, I.).

Ma, I., and Allan, A.L. (2011) The functional role of human aldehyde dehydrogenase-1a1 (ALDH1a1) in breast cancer metastasis. Cancer Research Laboratory Program Seminar Series, London, ON, March 31, 2011 (talk presented by Ma, I.).

Ma, I., and Allan, A.L. (2011) The functional role of human aldehyde dehydrogenase-1a1 (ALDH1a1) in breast cancer metastasis. Lawson Research Day, London, ON, March 22, 2011 (poster presented by Ma, I.).

Ma, I., and Allan, A.L. (2010) The functional role of human aldehyde dehydrogenase-1a1 (ALDH1a1) and CD44 in breast cancer metastasis. Anatomy and Cell Biology Research Day, University of Western Ontario, London, ON, October 28, 2010 (poster presented by Ma, I.).

Awardee's Name: Majumder, Mousumi

Chaitali Misra, Mousumi Majumder, Swati Bajaj, Saurabh Ghosh, Bidyut Roy and Susanta Roychoudhury. Polymorphisms at p53, p73 and MDM2 loci modulate the risk of tobacco associated leukoplakia and oral cancer. Mol Carcinog. 2009; 48:790–800. (Impact Factor 4.3). Contribution: [80% of the data analysis, Percent Contribution: 80]

Mousumi Majumder, Elena Tutunea-Fatan, Xiping Xin, Mauricio Rodriguez-Torres, Jose Torres-Garcia, Ryan Wiebe, Alexander V. Timoshenko, Rabindra N. Bhattacharjee, Ann F. Chambers, Peeyush K. Lala. Co-expression of α9β1 integrin and VEGF-D confers lymphatic metastatic phenotype to a human breast cancer cell line MDA-MB-468LN. PLoS One 2012; 7(4):e35094.doi:10.1371/journal. pone. 0035094. (Impact Factor 4.2). Contribution: [80% of the experiment done, 90% data analysis and article written by me. Percent Contribution: 85].

Xiping Xin, Mousumi Majumder, Gannareddy V Girish, Vik Mohindra, Takayuki Maruyama and Peeyush K Lala. Targeting COX-2 and EP4 to Control Tumor Growth, Angiogenesis, Lymphangiogenesis and Metastasis to the Lungs and Lymph Nodes in a Mouse Breast Cancer Model. Lab Invest. 2012 Aug; 92(8): 1115-28. (Impact Factor 3.961). Contribution: [20% of the experiment, 60% of the data analysis and article written by me. Percent Contribution: 40].

Mousumi Majumder, Saurabh Ghosh and Bidyut Roy. Enhancement of risk of oral leukoplakia and cancer by combinations of polymorphisms at GSTs, NATs and XRCCs. Indian J Med Res. 2012 Oct; 136(4):605-13. (Impact Factor 2.1). Contribution: [95% of the experiment done, 95% data analysis and article written by me. Percent Contribution: 95].

Navonil De Sarkar, Mousumi Majumder and Bidyut Roy. Misgenotyping of heterozygote as homozygote when using single nucleotide mismatch primer. Electrophoresis. 2012 Dec; 33(23):3564-73.(Impact Factor 3.3). Contribution: [40% of the experiment, 20% of the data analysis done by me. Percent Contribution: 30].

Mousumi Majumder, Xiping Xin and Peeyush K Lala. A practical and sensitive method of quantitating lymphangiogenesis in vivo. (Laboratory Investigation, 2013 May 27. doi: 10.1038/labinvest.2013.72.). (Impact Factor 3.96). Contribution: [50% of the experiment done, 95% data analysis and article written by me. Percent Contribution: 72.5].

Puspita Das Roy; Dhriti Sengupta; Anjan Kr. Dasgupta; Sudip Kundu; Utpal Chaudhuri; Indranil Thakur; Pradipta Guha; Mousumi Majumder; Roshni Roy; Bidyut Roy. Single Nucleotide Polymorphism Network- a combinatorial paradigm for risk prediction. PLoS One 2013. Sep 11;8(9): e74067. doi: 10.1371/journal.pone.0074067. (Impact Factor 4.2). Contribution: [20% of the experiment and data analysis done by me, Percent Contribution: 20].

Mousumi Majumder, Xiping Xin, Gannareddy V Girish and Peeyush K Lala. EP4 receptor as a novel target on cancer cells and macrophages to abrogate stem-like functions, lymphangiogenesis and lymphatic metastasis in a breast cancer model. Cancer Science (in press). (CAS-OA-0273-2014-R1) (Impact Factor 3.479). Contribution: [40% of the experiment done, 95% data analysis and article written by me. Percent Contribution: 87.5].

The 2nd Canadian Conference on Epigenetics: Epigenetics, Eh! June 24-27, 2014 -- London, ON. Majumder M, Landman E, Dunn L, Xin X, Liu L, Bell G, Postovit L, Hess D and Lala PK. COX-2 induced stem like cells and oncogenic micro RNAs in breast cancer. (Poster)

Oncology Research Day, in London, Ontario, Canada, June 20, 2013. Stem like cells in human breast cancer: EP4 as a therapeutic target. Majumder M, Xin X, Girish GV, Lala PK. (Poster, Won).

Mousumi Majumder, Xiping Xin, Ling Liu, Gillian Bell, Erin Landman, Mauricio Rodriguez- Torres, Lynne-Marie Postovit, David Hess, and Peeyush K. Lala. Stem like cells in human breast cancer: EP4 as a therapeutic target. American Association for Cancer Research Annual meeting, 2014 San Diego, USA. Proc. Amer. Asso. Can. Res., Vol 55, #3905.

Three minute (3MT) research competition in postdoctoral research forum organized by University of Western Ontario, November 28, 2013. (Platform, Won)

Canadian Cancer Research Conference, Toronto, Canada, Nov 3-6, 2013. Cyclo-oxygenase-2 induced MicroRNAs stimulate stem-like cells and breast cancer progression via EP4 activation and Akt and ERK pathways. Mousumi Majumder, Xiping Xin, Lynne-Marie Postovit, Gillian Bell, Leanna Dunn, Erin Landman, David Hess, and Peeyush K. Lala. (CIHR new principal investigator meeting held during 2013 Canadian Cancer Research Conference). (Poster, Won)

Oncology Research Day, in London, Ontario, Canada, June 21, 2013. Targeting EP4 receptor on cancer cells and macrophages to abrogate stem like functions, lymphangiogenesis and lymphatic metastasis in a breast cancer model. Majumder M, Xin X, Girish GV, Lala PK. (Poster, Won)

Third annual international workshop on nitric oxide in cancer therapy, held in Kingston, ON, Canada, May 31-June 1, 2013. Cyclooxygenase-2 mediated breast cancer progression: induction of stem like cells and specific microRNAs. Mousumi Majumder, Xiping Xin, Lynn-Marie Postovit, Heather Broughton, Elena Tutunea Fatan, Leanna Dunn, Landman Erin, Mauricio Rodriguez, David Hess, Gannreddy V Girish and Peeyush K. Lala. (Platform, Won).

Proc. Amer. Asso. For Can. Res. annual meeting, 2013, on "Personalizing Cancer Care Through Discovery Science" from April 6-10, Washington, DC. Targeting EP4 receptor on cancer cells and macrophages to abrogate stem-like functions, lymphangiogenesis and lymphatic metastasis in a breast cancer model. Mousumi Majumder, Xiping Xin, GannaReddy V. Girish, Peeyush K. Lala. (Proc. Amer. Asso. Can. Res, Vol 54, #2310, (Platform).

London Health Research Day, in London, ON, Canada, March 8, 2013. The role of microRNAs and stem like cells in cyclooxygenase-2 mediated breast cancer progression. Majumder M, Xin X, Lynn-Marie P, Broughton H, Tutunea Fatan E, Dunn L, Rodriguez M, Hess D, Lala PK (Poster).

Proc. Amer. Asso. For Can. Res. annual meeting, on 'The Cancer Biology Revolution: From Concept to Clinic' at Chicago, IL, USA, March 31-April 4, 2012. Cyclooxygenase-2 Mediated Breast Cancer Progression by Induction of Stem Like Cells and Micro RNA. Mousumi Majumder, Postovit Lynn-Marie, Heather Broughton, Xiping Xin, Elena Tutunea Fatan, Leanna Dunn, Mauricio Rodriguez, David Hess, Peeyush K. Lala. (Proc. Amer. Asso. Can. Res, Vol 53, #3324, in press) (Poster).

The Canadian Cancer Research Conference in Toronto, Canada over the dates of November 27-30, 2011. Cyclooxygenase-2 Mediated Breast Cancer Progression by EP4 Activation Includes Induction of Stem Like Cells and Micro RNA. Mousumi M, Leanna D, Postovit LM, Hess D, Peeyush KL (Poster).

Anatomy and Cell Biology Research Day, the University of Western Ontario, London, Ontario, Canada, October 28th, 2011. The role of miRNAs in Cyclo-oxygenase-2 mediated breast cancer metastasis. Mousumi Majumder, Leanna Dunn, Peeyush K. Lala. (Poster, Won).

12th International Congress of Human Genetics/American Society of Human Genetics 61st Annual Meeting in Montreal, Canada over the dates of October 11-15, 2011. The role of miRNAs in Cyclo-oxygenase-2 mediated breast cancer metastasis. Mousumi Majumder, Leanna Dunn, Peeyush K. Lala. (Session: Cancer Genetics, Vol 61, Abstract Number #1197T) (Poster).

Proc. AACR Conference, on 'Stem Cells: Development and Cancer' at Vancouver, BC, Canada, March 3-6, 2011. Cyclooxygenase-2 promotes breast cancer progression by induction and sustenance of Tumor-Initiating Cells. Mousumi Majumder, Postovit Lynn-Marie, Elena Tutunea Fatan, Eloy Jose Torres-Garcia, Peeyush K. Lala. (# B4, p84) (Poster).

Anatomy and Cell Biology Research Day, the University of Western Ontario, London, Ontario, Canada, October 29th, 2010. The role of Cyclooxygenase-2 promotes in the induction of Stem cell phenotype in human breast cancer. Mousumi Majumder, Postovit Lynn-Marie, Elena Tutunea Fatan, Eloy Jose Torres-Garcia, Mike Lizardo, Peeyush K. Lala (Platform).

Oncology Research & Education Day is organized by the CIHR-Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology at the University of Western Ontario', London, Ontario, Canada, June 18th, 2010 (Poster).

Landman E, Majumder M, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. Department of Oncology - Research and Education Day, 2014, London, ON (Oral Presentation).

Oncology Research and Education Day 2014. Hasan A, Majumder M and Lala PK. "The role of CPEB-2 in breast cancer progression," London ON, June 20 2014. (Poster)

Landman E, Majumder M, Liu L, Lala PK. The role of miR-526b in COX-2 mediated breast cancer progression via EP4 signaling. Proc Amer Assoc Cancer Res 55, # 5217, 2014. (Poster)

Landman E, Majumder M, Liu L, Lala PK. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. London Health Research Day, 2014, London, ON. (Poster)

San Antonio Breast Cancer Symposium 2014. Hasan A, Majumder M and Lala PK. "The role of CPEB-2 in breast cancer," San Antonio TX USA, December 9 2014. (abstract submitted)

London Health Research Day 2014. Hasan A, Majumder M and Lala PK. "The role of CPEB-2, miR-526b and miR-655 in human breast cancer," London ON, March 18 2014. (Poster)

Canadian Cancer Research Conference to held on November 3 -6, 2013 at the Sheraton Centre Toronto Hotel in Toronto, Ontario. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways". Landman E, Majumder M, Lala PK. (Poster)

Anatomy and Cell Biology Research Day 2013. Hasan A, Majumder M, Landman E and Lala PK. "The role of cytoplasmic polyadenylation element binding protein (CPEB)-2 in breast cancer," London ON, October 24 2013. (Poster)

Lala P K, Girish GV, Xin X, Majumder M, Tutunea-Fatan E and Nandi, P. Breast cancer-associated lymphangiogenesis: Roles of PGE2 and EP4 receptor on lymphatic endothelial cells. Proc Amer Assoc Cancer Res 55, 2014; Late breaking abstract LB67.

Oncology Research Day, in London, Ontario, Canada, June 21, 2013. The role of microRNA 526b in cyclo-oxygenase-2 mediated induction of stem-like phenotype in breast cancer. Landman E, Majumder M and Lala PK. (Poster)

Third annual international workshop on nitric oxide in cancer therapy, held in Kingston, ON, Canada, May 31-June 1, 2013. The role of microRNA 526b in cyclo-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways. Landman E, Majumder M and Lala PK. (Platform)

Third annual international workshop on nitric oxide in cancer therapy, held in Kingston, ON, Canada, May 31-June 1, 2013. Diverse Role of Nitric Oxide in Tumor Progression. Peeyush K. Lala, Gannreddy V Girish and Mousumi Majumder. (Invited lecture of PKL)

"The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways". Landman E, Majumder M, Lala PK. London Health Research Day - March 2013. (Poster)

COX-2 and COX-2 induced microRNAs in breast cancer progression: sustenance of stem-like cells. Majumder M, Dunn L, Landman E, Xin X, Lala PK. 3rd International Cancer Research Symposium. Kolkata, India (December 2012). (Invited Lecture of PKL)

London Health Research Day, 2013. The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways". Landman E, Majumder M, Lala PK. (Poster).

COX-2 & COX-2 induced microRNAs in breast cancer progression: sustenance of stem like cells. Majumder M, Dunn L, Landman E, Xin X, Lala PK. 3rd International Cancer Research Symposium. Kolkata,India,2012, (Oral).

Schulich School of Medicine and Dentistry, Dept. of Anatomy & Cell Biology Research (October 2012). The role of microRNA 526b in cyco-oxygenase-2 mediated induction of stem-like phenotype, via EP4 signaling pathways". Landman E, Majumder M, Lala PK. (Poster).

Proc. Amer. Asso. For Can. Res. annual meeting, on 'The Cancer Biology Revolution: From Concept to Clinic' at Chicago, IL, USA, March 31-April 4, 2012. The role of Micro RNAs in Cyclooxygenase-2 Mediated Breast Cancer Progression. Leanna Dunn, Mousumi Majumder, Peeyush K. Lala. (Proc. Amer. Asso. Can. Res, Vol 53, #139, in press) (Poster).

The Canadian Cancer Research Conference 2011 in Toronto, ON, Canada over the dates of November 27 -30 2011. The role of miRNAs in Cyclo-oxygenase-2 mediated breast cancer progression. Leanna Dunn, Mousumi Majumder, and Peeyush Lala, (Poster).

Oncology Research & Education Day is organized by the CIHR-Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology at the University of Western Ontario', London, Ontario, Canada, June 17th, 2011. The role of miRNAs in cyclo-oxygenase-2 mediated breast cancer progression. Dunn L, Majumder M, and Lala PK. (Poster).

American Association for Cancer Research 102nd Annual Meeting 2011, Orlando, USA. The role of CCL21/CCR7 chemokine axis in breast cancer induced lymphangiogenesis. Elena Tutunea-Fatan, Mousumi Majumder, Peeyush K Lala. (ProcAmerAssocCancer Res 52, #5152, p 1235, Orlando, 2011) (Poster).

American Association for Cancer Research 101st Annual Meeting 2010, Washington DC, USA. Girish G, Radan L, Tutunea-Fatan E, Majumder M, Bhattacharjee R and Lala PK. (Poster).

Oncology Research & Education Day, CIHR-Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology at the University of Western Ontario, London, Canada, June 2010. Xin X, Mohindra V, Girish GV, Liu L, Bhattacharjee RN, Majumder M, Lala P K. (Poster).

Awardee's Name: Maleki-Vareki, Saman

Rytelewski M, Tong JG, Buensuceso A, Leong HS, Maleki Vareki S, Figueredo R, Di Cresce C, Wu SY, Herbrich SM, Baggerly KA, Romanow L, Shepherd T, Deroo BJ, Sood AK, Chambers AF, Vincent M, Ferguson PJ, Koropatnick J. BRCA2 inhibition enhances cisplatin-mediated alterations in tumor cell proliferation, metabolism, and metastasis. Molecular Oncology 2014 Dec;8(8):1429-1440. doi: 10.1016/j.molonc.2014.05.017. Epub 2014 Jun 6

Maleki Vareki S, Rytelewski M, Figueredo R, Chen D, Ferguson PJ, Vincent M, Min W, Zheng X, Koropatnick J. Indoleamine 2,3-dioxygenase mediates immune-independent human tumor cell resistance to olaparib, gamma radiation, and cisplatin. Oncotarget. 2014 May 15;5(9):2778-91.

Rytelewski M, Ferguson PJ, Maleki Vareki S, Figueredo R, Vincent M, Koropatnick J. Inhibition of BRCA2 and Thymidylate Synthase Creates Multidrug Sensitive Tumor Cells via the Induction of Combined "Complementary Lethality". Molecular Therapy — Nucleic Acids. 2013. doi:10.1038/mtna.2013.7 contribution ~ 30%

Hayworth JL, Mazzuca DM, Maleki Vareki S, Welch I, McCormick JK, Haeryfar, SMM: CD1d-independent activation of mouse and human invariant NKT cells by bacterial superantigens. Immunology and Cell Biology. 2011. doi: 10.1038/icb.2011.90.

Maleki Vareki S, Harding MJ, Waithman J, Zanker D, Shivji AN, Rytelewski M, Mazzuca DM, Yekta MA, Chen W, Schell TD, Haeryfar SMM: Differential regulation of simultaneous anti-tumor and alloreactive CD8+ T cell responses in the same host by rapamycin. Americal Journal of Transplantation. 2011. doi: 10.1111/j.1600-6143.2011.03811.x. (TOP 5 JOURNAL)

Stuart JK, Bisch SP, Leon-Ponte M, Hayatsu J, Mazzuca DM, Maleki Vareki S, Haeryfar SMM: Negative modulation of invariant natural killer T cell responses to glycolipid antigens by p38 MAP kinase. International Immunopharmacology 2010. 10(9): 1068-1076

Christine Di Cresce, Colin Way, Mateusz Rytelewski, Saman Maleki Vareki, Supritha Nilam, Mark D. Vincent, James Koropatnick, and Peter Ferguson. Antisense Technology: From Unique Laboratory Tool to Novel Anticancer Treatments. 2012. In press.

Maleki Vareki S. Beating cancer by improving anti-cancer immunity. The Londoner. August 2012. http://eedition.thelondoner.ca/doc/The-Londoner/londoner_0816_vp/2012081401/26.html#26

Maleki Vareki S, Rytelewski M, Figueredo R, Chen D, Ferguson PJ, Vincent M, Min W, Zhen X, and Koropatnick J "Indoleamine 2,3-dioxygenase mediates immune-independent human tumor cell resistance to olaparib, radiation,

and cisplatin" (Oral presentation) Proc. Of the CIHR – Strategic training program in cancer research & technology transfer (CaRTT) and the department of oncology – research & education day, UWO, 2014

Maleki Vareki S, Rytelewski M, Figueredo R, Chen D, Ferguson PJ, Vincent M, Min W, Koropatnick J. Indoleamine 2,3-dioxygenase mediates immune-independent human tumor cell resistance to olaparib, γ radiation, and cisplatin. Proc. Of the AACR Annual meeting. International conference. San Diego, USA April 2014

Rytelewski M, Tong J, Buensucesco A, Maleki Vareki S, Ferguson P, Figueredo R, Vincent M, Shepherd T, Deroo B, Koropatnick J. A BRCA2-targeting antisense oligodeoxynucleotide enhances cisplatin-induced decreases in human tumor cell proliferation, metastatic frequency, and metabolic response. Proc. Of the AACR Annual meeting. International conference. San Diego, USA April 2014

Rytelewski M, Tong J, Buensucesco A, Maleki Vareki S, Ferguson P, Figueredo R, Vincent M, Shepherd T, Deroo B, Koropatnick J. A novel BRCA2 targeting antisense oligonucleotide sensitizes human tumor cells to chemotherapy and radiotherapy – the induction of 'complementary lethality' by targeting DNA repair. Proc. Of the AACR International conference on Molecular targets and cancer therapeutics. Boston, USA2013

Maleki Vareki S, Chen D, Rytelewski M, Ferguson P, Min W, Vincent M, Koropatnick J. IDO confers chemo-and radiation resistance to cancer cells independent of immune function. Proc. Of the CIHR – Strategic training program in cancer research & technology transfer (CaRTT) and the department of oncology – research & education day, UWO, 2013

Maleki Vareki S and Koropatnick J. Enhancing Chemotherapy Efficacy and Antitumor Immune Activity by Combined Antisense Downregulation of TS and IDO. Proc. Of the AACR International conference on Tumor Immunology: Multidisciplinary Science Driving Basic and Clinical Advance. Miami, USA 2012

Maleki Vareki S and Koropatnick J: Combined antisense downregulation of TS and IDO for better cancer treatment. Proc. Of the CIHR – Strategic training program in cancer research & technology transfer (CaRTT) and the department of oncology – research & education day, UWO, 2012

Maleki Vareki S, Harding MJ, Shivji AN, Rytelewski M, Mazzuca DM, Yekta MA, Schell TD, Haeryfar SMM: Differential regulation of simultaneous anti-tumor and alloreactive CD8+ T cell responses in the same host by rapamycin. Proc. Of the 6th Infection and Immunity Research Forum (IIRF), UWO, 2011

Maleki Vareki S, Harding MJ, Waithman J, Zanker D, Shivji AN, Rytelewski M, Mazzuca DM , Yekta MA, Chen W, Schell TD, Haeryfar SMM: Differential regulation of simultaneous anti-tumor and alloreactive CD8+ T cell responses in the same host by rapamycin. Proc. Of the AACR-NCI-EORTC International conference on Molecular Targets and Cancer Therapeutics: Discovery, Biology and Clinical Applications. San Francisco, USA, 2011

Maleki Vareki S, Harding MJ, Rytelewski M, Haeryfar, SMM: Rapamycin differentially modulates anticancer and alloreactive CD8+ T cell responses generated in the same host. Proc. Of the 2nd International conference on Cancer Immunotherapy and Immunomonitoring. Budapest, Hungary, 2011

Maleki Vareki S, Harding MJ, Rytelewski M, Haeryfar, SMM: Targeting mTOR differentially regulates antiviral and allogeneic CD8+ T cell responses elicited in the same host. Proc. Of the 24th Annual Canadian Society for Immunology Conference. Lake Louise, Canada, 2011 (National conference)

Maleki Vareki S, Harding MJ, Rytelewski M, Schell TD, Haeryfar, SMM: Differential regulation of simultaneous tumor-specific and alloreactive CD8+ T cell responses in the same host by targeting mTOR. Proc. Of the CIHR –

Strategic training program in cancer research & technology transfer (CaRTT) and the department of oncology – research & education day, UWO, 2011

Maleki Vareki S, Haeryfar SMM: Concurrent activation of iNKT and CD8+ T cell subsets by α-GalCer-pulsed tumor cells boosts the CD8+ T response to the most immunodominant epitope of SV40 large T antigen. Proc. Of the CIHR – Strategic training program in cancer research & technology transfer (CaRTT) and the department of oncology – research & education day, UWO, 2010

Maleki Vareki S, Haeryfar SMM: iNKT cells suppress TCD8+ response to the most immunodominant epitope of T Ag. Proc. Of the 4th Infection and Immunity Research Forum (IIRF), UWO, 2009

Lay presentation of research. Title: The immune system and cancer. Presented at the Canadian cancer society (CCS) Essex County Unit. Annual volunteer driver workshop. September 26th 2013. London. ON. Canada

Rogers daytime live TV show about cancer research and CCS YouTube videos.
http://www.rogerstv.com/page.aspx?lid=237&rid=9&gid=108223

Lay presentation of research. Title: Cancer Research. April 20th 2013. Theater for cure (A fundraising program). London. ON. Canada

Lay presentation of research. Title: Cancer research-hope for the future. Presented at the Canadian cancer society (CCS) Essex County Unit. Fueling the Mission Volunteer Leadership Meeting February 4th 2012. Oldcastle, ON, Canada.

Lay presentation of research. Title: Cancer research-hope for the future. Presented at the Canadian cancer society (CCS) South Western Ontario all staff meeting. October 19th 2011. London, ON, Canada

Awardee's Name: Mathew, Lindsay

L. Mathew, A. Wheatley, R. Castillo, E. Castillo, G. Rodrigues, T. Guerrero, G. Parraga. "Four-dimensional x-ray Computed Tomography and Hyperpolarized 3He Magnetic Resonance Imaging of Gas Distribution in Lung Cancer" Acad Radiol, Epub ahead of print. doi: 10.1016/j.acra.2012.08.007

L. Mathew, J. VanDyk, R. Etemad-Rezai, G. Rodrigues, G Parraga. "Hyperpolarized 3He Pulmonary Functional Magnetic Resonance Imaging Prior to Radiation Therapy" Med Phys, 2012 July;39(7):4284-90. (TOP 5 JOURNAL)

L. Mathew, M. Kirby, D. Farquhar, C. Licskai, R. Etemad-Rezai, G. Parraga, DG McCormack. "Hyperpolarized 3He Functional Magnetic Resonance Imaging of Bronchoscopic Airway Bypass" Can Respir J, 2012 Jan;19(1):41-3

M. Kirby, L. Mathew, R. Etemad-Rezai, D.G. McCormack, G. Parraga. "Evaluating Bronchodialator Effects in Chronic Obstructive Pulmonary Disease using Hyperpolarized Helium-3 Magnetic Resonance Imaging" Radiology, 2011 Oct;261(1):283-92.

L. Mathew, S. Gaede, A. Wheatley, R. Etemad-Rezai, G.B. Rodrigues G. Parraga "Detection of Longitudinal Lung Structural and Functional Changes after Diagnosis of Radiation-induced lung injury using Hyperpolarized 3He Magnetic Resonance Imaging" Med Phys. 2010 Jan;37(1):22-31 (TOP 5 JOURNAL)

L. Mathew, M Kirby, A. Wheatley, DG McCormack, G. Parraga. "Hyperpolarized 3He Magnetic Resonance Imaging: Preliminary Evaluation of Phenotyping Potential in Chronic Obstructive Pulmonary Disease" Eur J Radiol. 2011 July;79(1):140-146

M. Kirby, L. Mathew, A. Wheatley, DG McCormack, G. Parraga “Longitudinal Hyperpolarized 3He Magnetic Resonance Imaging of Chronic Obstructive Pulmonary Disease” In Press, Radiology (Accepted January 13th 2010, Submission #09-1937)

Oral Presentations:
L. Mathew, A. Swaminath, J. Szabo, M. Wierzbicki. “Planning Target Volume Margin Suitability in Lung Stereotactic Body Radiation Therapy: A Preliminary Evaluation using Cone-beam Computed Tomography” Canadian Organization of Medical Physicists, Halifax, Canada (07/2012)

Poster Presentations:
L. Mathew J. Skosny, J. Szabo, O. Ostapiak, J. Wright, G. Okawara, R. Sur, T. Corbett, A. Swaminath and T. Tsakiridis. “Pilot Dosimetric Study of Intensity-modulated vs. 3D-Conformal Radiotherapy for Locally Advanced Non-Small Cell Lung Cancer” Canadian Association of Radiation Oncology. Ottawa, Canada (09/2012)

L. Mathew, A. Wheatley, R. Castillo, E. Castillo, G. Rodrigues, T. Guerrero, G. Parraga. “Four-dimensional x-ray Computed Tomography and Hyperpolarized 3He Magnetic Resonance Imaging of Gas Distribution in Lung Cancer” Canadian Organization of Medical Physicists. Halifax, Canada (07/2012)

L. Mathew, J. Van Dyk, G Rodrigues, DG McCormack, R Etemad-Rezai, G. Parraga. “Hyperpolarized Helium-3 Magnetic Resonance Imaging: Role for Radiation Therapy Guidance in Lung Cancer” Radiological Society of North America. Chicago, USA (11/2011)

L. Mathew, G. Rodrigues, R. Etemad-Rezai, D.G. McCormack, G. Parraga. “Detecting Regional Differences in Hyperpolarized 3He Magnetic Resonance Imaging Measurements in Subjects with Lung Cancer Prior to Radiation Therapy” Oncology Research and Education Day. London, Canada (06/2010)

L. Mathew, M. Kirby, R. Etemad-Rezai, DG. McCormack, G. Parraga. “Characterization of Hyperpolarized 3He Magnetic Resonance Imaging Phenotype Dominant COPD” American Thoracic Society. New Orleans, USA (05/2010)

L. Mathew, G. Rodrigues, R. Etemad-Rezai, D.G. McCormack, G. Parraga. “Regional Differences in Hyperpolarized 3He Magnetic Resonance Imaging Measurements in Subjects with Lung Cancer Prior to Radiation Therapy”, American Thoracic Society. New Orleans, USA (05/2010)

L. Mathew, U. Aladl, A. Fenster, G. Parraga. “Hyperpolarized 3He Magnetic Resonance Imaging Tools for Longitudinal and Multi-Modality Studies”, International Society for Magnetic Resonance in Medicine, Stockholm, Sweden (05/2010)

M Kirby, L Mathew, A Wheatley, DG McCormack and G Parraga. “Inter-Observer Reproducibility of Longitudinal Hyperpolarized Helium-3 Magnetic Resonance Imaging of Chronic Obstructive Pulmonary Disease” International Society for Magnetic Resonance in Medicine, Stockholm, Sweden (05/2010)

L. Mathew, G. Rodrigues, R. Etemad-Rezai, D.G. McCormack, G. Parraga. “Regional Differences in Hyperpolarized 3He Magnetic Resonance Imaging Measurements in Subjects with Lung Cancer Prior to Radiation Therapy”, Margaret Moffat Research Day. London, Canada (03/2010)

M Kirby, L Mathew, A Wheatley, DG McCormack and G Parraga. “Inter-Observer Reproducibility of Longitudinal Hyperpolarized Helium-3 Magnetic Resonance Imaging of Chronic Obstructive Pulmonary Disease” Margaret Moffat Research Day, London, Ontario, Canada (03/2010)

L. Mathew, G. Rodrigues, R. Etemad-Rezai, D.G. McCormack, G. Parraga. “Regional Differences in Hyperpolarized 3He Magnetic Resonance Imaging Measurements in Subjects with Lung Cancer Prior to Radiation Therapy”, Lawson Research Day, London, Canada, (03/2010)

L. Mathew, G. Rodrigues, G. Parraga. “Hyperpolarized 3He MRI of Radiation-induced Lung Injury” Department of Oncology Grand Rounds, London Regional Cancer Program, London, Canada, (01/2010)

Mathew L., Rodrigues G., Etemad-Rezai R., McCormack D.G., Parraga G “Detecting Regional Differences in Hyperpolarized Helium-3 Magnetic Resonance Imaging Measurements in Lung Cancer Prior to Radiation Treatment“ Department of Oncology Research & Education Day, London, Canada, (06, 2010)

Awardee’s Name: McVicar, Nevin

Journal of cerebral blood flow and metabolism
McVicar, N., Li, AX., Gonçalves, D., Bellyou, M., Meakin, S., Prado, MAM, Bartha, R., Quantitative tissue pH measurement during cerebral ischemia using amine and amide concentration-independent detection (AACID) with MRI. Accepted to Journal of Cerebral Blood Flow & Metabolism Dec. 23, 2013. (JCBFM-0474-13-ORIG.R1)

McVicar, N., Li, AX., Suchy, M., Hudson, R., Menon, R., Bartha, R. “Simultaneous in vivo temperature and pH mapping using a PARACEST-MRI contrast agent”. Magnetic Resonance in Medicine. Accepted 2012
-75% Contribution

Quail, T., McVicar, N., Aguilar, M., Min-Young, K., Hodge, H., Shrier, A., Glass, L. “Chaotic dynamics in cardiac aggregates induced by potassium channel block”. Chaos. 2012 (22): 033140 -40% Contribution

Suchý, M., Milne, M., Li, A. X., McVicar, N., Dodd, D. W., Bartha, R. and Hudson, R. H. E. (2011). “Mono- and Tetraalkyne Modified Ligands and Their Eu3+ Complexes – Utilizing “Click” Chemistry to Expand the Scope of Conjugation Chemistry. European Journal of Organic Chemistry”. 2011(32): p. 6532-6543 -15% Contribution

(Abstract) McVicar, N., Li, AX., Suchy, M., Hudson, R., Menon, R., Bartha, R. “Mapping in-vivo pH using a PARACEST-MRI Contrast Agent”. Contrast Media and Molecular Imaging, doi: 10.1002/cmmi.1522

Presentations:
Nevin McVicar*, Li, A.X., Meakin, S. , Bartha, R. “Imaging chemical exchange saturation transfer (CEST) effects following tumor-selective acidification using lonidamine”. Annual International CEST Workshop (International conference, Abstract and Oral Presentation); International Society for Magnetic Resonance in Medicine (ISMRM) Annual Meeting and Exhibition (International conference, Abstract and Poster Presentation, PhD work)

Nevin McVicar*, Li, A.X., Goncalves, D.F., Bellyou, M., Meakin, S., Prado, A.M., Bartha, R. “Measuring intracellular pH in vivo using CEST-MRI”. OICR Annual Meeting (Provincial conference, Abstract and Poster Presentation); London Health Research Day Annual Meeting (Regional conference, Abstract and Poster Presentation); International Society for Magnetic Resonance in Medicine (ISMRM) Annual Meeting and Exhibition (International conference, Abstract and Poster Presentation, PhD work)

Nevin McVicar*, Li, AX., Suchy, M., Hudson, R., Menon, R., Bartha, R. “Simultaneous In-Vivo Temperature and pH Mapping Using a PARACEST-MRI”. International CEST Imaging Workshop (International conference, Abstract and Poster Presentation, PhD work)

Nevin McVicar*, A.X. Li, A. Campbell, M. Milne, M. Suchý, R.H.E. Hudson, M. Klassen, R. Bartha. 2011. "Computational Modeling and Optimized Detection of PARACEST contrast agents with Echo Planar Imaging". International Society for Magnetic Resonance in Medicine (ISMRM) Annual Meeting and Exhibition (International conference, Abstract and Poster Presentation, Master's work)

Nevin McVicar*, AX Li, R Hudson, M Klassen, R Bartha. "Rapid CEST Detection Using EPI". International Society for Magnetic Resonance in Medicine (ISMRM) Annual Meeting and Exhibition (International conference, Abstract and Poster Presentation, Master's work)

Awardee's Name: Murrell, Donna

Murrell DH, Foster PJ, Chambers A (2014) "Brain Metastases from Breast Cancer: Lessons from Experimental Magnetic Resonance Imaging Studies and Clinical Implications," Journal of Molecular Medicine 92(1):5-12. DOI: 10.1007/s00109-013-1108-z

Murrell, Donna and Dragunas, Andrew (2013) "A Comparison of Two Swimming Start Techniques from the Omega OSB11 Starting Block," WURJ: Health and Natural Sciences: Vol. 3: Iss. 1, Article 1.

Londoner article, July 18 2013. "MRI provides new insights into breast cancer-mediated brain metastases." Donna Murrell, Amanda Hamilton, Paula Foster.

Presentations:
Murrell DH, van Gorkum R, Hamilton A, Mallett C, Gril B, Chambers A, Steeg P, Foster PJ. Understanding the Heterogeneity of Brain Metastases from Breast Cancer: Lessons from New Models and Experimental Magnetic Resonance Imaging. International Society for Magnetic Resonance in Medicine Annual Meeting 2014 in Milan, Italy. E-poster Presentation.

Zarghami N, Jensen MD, Murrell DH, Dick FA, Chambers AF, Foster PJ, Wong E. Histological evaluation of targeting accuracy of 3D-printed immobilization device for mouse brain irradiation. Second Symposium on Precision Image-guided Small Animal RadioTherapy 2014 in Vancouver, CAN. Oral Presentation.

Murrell DH, Zarghami N, Chen Y, Chambers A, Wong E, Foster PJ. MRI characterizes the natural progression of metastases and their response to whole brain radiotherapy in a brain metastatic breast cancer model. Imaging Network of Ontario Symposium 2014 in Toronto, CAN. Oral and Poster Presentations.

Murrell DH, Zharghami N, Chen Y, Chambers A, Wong E, Foster PJ. MRI Characterizes the Evolution of Brain Metastasis and Response to Radiotherapy in a Brain Metastatic Breast Cancer Model. Oncology and Research Education Day 2014 in London, ON, CAN. Poster Presentation.

Murrell DH, Zharghami N, Chen Y, Chambers A, Wong E, Foster PJ. MRI Characterizes the Evolution of Brain Metastasis and Response to Radiotherapy in a Brain Metastatic Breast Cancer Model. Robarts Research Retreat 2014 in London, ON, CAN. Poster Presentation.

Murrell DH, Zarghami N, Chen Y, Chambers A, Wong E, Foster PJ. In Vivo MRI Characterization of Tumour Response to Whole Brain Radiotherapy in a Brain Metastatic Breast Cancer Model. London Health Research Day 2014 in London, ON, CAN. Poster Presentation.

A. C. Burton Day 2014, Western University – London ON, CAN. Oral Presentation.

Murrell DH, Hamilton A, Jensen M, et al. 2013. In Vivo MRI Tumour Response to Radiotherapy in a Mouse Model of Brain Metastasis. Oncology and Research Education Day, poster presentation.

Murrell DH, Hamilton A, Jensen M, et al. 2013. MRI Characterization of the Responses of Brain Metastatic Breast Cancer Cells to Whole Brain Micro-irradiation in Mice. World Molecular Imaging Congress, Abstract accepted for poster presentation in Sept.

Murrell DH, Hamilton A, Jensen M, et al. 2013. In Vivo MRI Characterization of Tumour Response to Radiotherapy in a Mouse Model of Brain Metastasis. Canadian Cancer Research Conference, Abstract accepted for oral presentation in Nov.

Awardee's Name: Nesbitt, RaeLynn

Lu, C., McFarland, M.S., Nesbitt, R., Williams, A.K., Chan, S., Gomez-Lemus, J., Autran, A.M., Al-Zahrani, A., Chin, J., Izawa, J., Luyt, L.G., Lewis, J.D. (2011) Ghrelin Receptor as a Novel Imaging Target for Prostatic Neoplasms. The Prostate. 2012 Jun 1;72(8):825-33.

US Provisional Patent, "Molecular targeted fusogenic liposomes", (Inventors: Lewis, J.D., Nesbitt, R., Duncan, R., de Antueno, R.)

Nesbitt, R., Pink, D., Duncan, R., Zijlstra, A., Lewis, J. (2011) Targeted Non-Invasive Therapy of Prostate Cancer using Fusogenix Liposomes. American Association for Cancer Research Conference Meeting Abstracts. Apr 2008: 3224.

Nesbitt R, Pink D, Duncan R, Lewis J. (2011). Ligand Directed Therapy of Prostate Cancer using Fusogenic Liposomes. Poster presentation – Department of Oncology Research & Education Day, London, ON.

Awardee's Name: Ong, Michael

Ong M, Vincent MD. An Overview: Therapeutic Options for Treatment of Advanced Non-Small Cell Lung Cancer. Current Respiratory Medicine Reviews. Oct 2011: 7(5):354-363.

Ong M, Winquist E. Recent Advances in Second-line Treatment of Castration-Resistant Prostate Cancer. Current Opinion in Supportive and Palliative Care. Aug 2011; 5:199–205.

Ong M, Vincent MD. Neoadjuvant erlotinib and successful surgical resection of a stage IIIA papillary adenocarcinoma of the lung with an L861Q activating EGFR mutation. Current Oncology. 2012 Jun;19(3):e222-6.

Baryla J, Allen L, Kwan K, Ong M, Sheidow T. Choroidal lymphoma with orbital extension: Case and review of literature. Canadian Journal of Ophthalmology. 2012 Feb;47(1):79-81.

Ong M, Palma D, Velker V, Lenehan JG, Ernst SD, Winquist E. Effects of Antiemetic Prophylaxis with Aprepitant On Outcomes From Primary Chemoradiation for Locally Advanced Squamous Cell Carcinoma of the Head and Neck. 2011 European Multidisciplinary Cancer Congress. Abstract #8536.

McPherson V, Williams A, Chan S, Rizkalla K, Ong M, Izawa J, Lewis J. Phospho-Akt Status as a Predictor of Survival in Patients Undergoing Radical Cystectomy for Treatment of Transitional Cell Carcinoma of the Bladder. Canadian Urological Association Annual Meeting. Montreal, Quebec; June 20, 2011.

Ong M, Dingle B. A Case of Docetaxel-Induced Neutropenic Enterocolitis: How Can We Improve Safety? Canadian Society for Pharmacology and Therapeutics. Oral Presentation, May 26, 2011

"Biomarkers in Accelerating Drug Development", RMH Journal Club, Oct 18, 2011

"Use of Pharmacology to Personalize Cancer Therapy". London Regional Cancer Centre Grand Rounds. June 28, 2011

"Recent Advances in Systemic Therapy of Castrate-Resistant Prostate Cancer". Clinical Pharmacology Department Grand Rounds. February 23, 2011.

"Inhibiting the IGF-1R pathway". Investigational Drug Rounds. May 18, 2011.

"Cabazitaxel and Abiraterone: New Data in CRPC". Genitourinary Disease Site Team Rounds. January 27, 2011.

"Cabazitaxel and Abiraterone: New Data in CRPC". Medical Oncology Resident Journal Club. January 26, 2011.

"Pharmacogenetics and Pharmacology of Taxanes". Clinical Pharmacology Journal Club. September 28, 2010.

Awardee's Name: Peart, Teresa

Peart T, Correa R, DiMattia GE, Shepherd TG (2012). BMP signalling controls the malignant potential of ascites-derived human epithelial ovarian cancer cells via Akt kinase activation in an in vitro metastasis model. Clinical and Experimental Metastasis (95% contribution)

Rohann J.M. Correa, Teresa M. Peart, Yudith R. Valdes, Gabriel E. DiMattia and Trevor G. Shepherd (2011) Modulation of AKT activity is associated with reversible dormancy in ascites-derived epithelial ovarian cancer spheroids. Carcinogenesis 2012 Jan;33(1):49-58. * Contributed data to 2-3 figures (10% contribution)

Peart T., Ramos-Valdés Y, Bertrand M, Sugimoto AK, Préfontaine M, DiMattia GE, and Shepherd TG (2010) Activated BMP signalling differentially modulates cellular adhesion and motility in epithelial ovarian cancer spheroids. UWO department of Oncology Research and Education Day; awarded poster prize

Peart T., Ramos-Valdés Y, Bertrand M, Sugimoto AK, Préfontaine M, DiMattia GE, and Shepherd TG (2010) Activated BMP signalling differentially modulates cell adhesion and motility during ovarian cancer spheroid formation and attachment. 5th Annual Canadian Conference on Ovarian Cancer Research.

Peart T, Bertrand M, Sugimoto AK, Prefontaine M, DiMattia GE and Shepherd TG (2011) Activated BMP signalling modulates multicellular spheroid formation and reattachment of ascites-derived human epithelial ovarian cancer cells in an in vitro model of metastasis. Published in AACR 102nd Annual Meeting Program.

Peart T, Bertrand M, Sugimoto AK, Prefontaine M, DiMattia GE and Shepherd TG (2011) Activated BMP signalling modulates multicellular spheroid formation and reattachment of ascites-derived human epithelial ovarian cancer cells in an in vitro model of metastasis. Paul Harding Research Day.

Peart T, Bertrand M, Sugimoto AK, Prefontaine M, DiMattia GE and Shepherd TG (2011) Activated BMP signalling modulates multicellular spheroid formation and reattachment of ascites-derived human epithelial ovarian cancer cells in an in vitro model of metastasis. Canadian Cancer Research Conference.

Peart T, Bertrand M, Sugimoto AK, Prefontaine M, DiMattia GE and Shepherd TG (2012) The 5'-AMP-activated protein kinase (AMPK) pathway is upregulated in ovarian cancer spheroids to promote the dormant phenotype. Paul Harding Research Day.

Peart T, Bertrand M, Sugimoto AK, Prefontaine M, DiMattia GE and Shepherd TG (2012) The 5'-AMP-activated protein kinase (AMPK) pathway is upregulated in ovarian cancer spheroids to promote the dormant phenotype. Canadian Conference on Ovarian Cancer Research; awarded prize for oral presentation.

Peart T, Bertrand M, Sugimoto AK, Prefontaine M, DiMattia GE and Shepherd TG (2012) The 5'-AMP-activated protein kinase (AMPK) pathway is upregulated in ovarian cancer spheroids to promote the dormant phenotype. Oncology Research and Education Day.

Peart T, Bertrand M, Sugimoto AK, Prefontaine M, DiMattia GE and Shepherd TG (2013) The 5'-AMP-activated protein kinase (AMPK) pathway is upregulated in ovarian cancer spheroids to promote the dormant phenotype. AACR International Conference in Ovarian Cancer Research, Orlando, FL.

Peart T, Bertrand M, Sugimoto AK, Prefontaine M, DiMattia GE and Shepherd TG (2012) The 5'-AMP-activated protein kinase (AMPK) pathway is upregulated in ovarian cancer spheroids to promote the dormant phenotype. Canadian Cancer Research Conference.

Awardee's Name: Pelka, Peter

Ablack JA, Cohen M, Thillainadesan G, Fonseca GJ, Pelka P, Torchia J, Mymryk JS. "Cellular GCN5 is a Novel Regulator of Human Adenovirus E1A-Conserved Region 3 Transactivation." J Virol 86:8198-209, 2012. – 10% (TOP 5 JOURNAL)

Miller MS, Pelka P, Fonseca GJ, Cohen M, Kelly JN, Barr SD, Turnell AS, Grand RJ, Whyte P, Mymryk JS. "Characterization of the 55 residue E1A protein encoded by species C adenovirus." J Virol 86:4222-33, 2012. – 40% (TOP 5 JOURNAL)

Pelka P*, Miller MS, Cecchini M, Yousef AF, Bowdish DM, Dick F, Whyte P, Mymryk JS. "Adenovirus E1A directly targets the E2F/DP-1 complex." J Virol 85: 8841-51, 2011. – 90% (TOP 5 JOURNAL)

Ablack JNG, Pelka P, Yousef AF, Turnell AS, Grand RJ, Mymryk JS. "Comparison of E1A CR3 Dependent Transcriptional Activation Across Six Different Human Adenovirus Subgroups" J Virol 84:12771-81, 2010. (TOP 5 JOURNAL)

Yousef AF, Pelka P*, Fonseca GJ*, Ablack JNG, Walsh C, Shaw GS, Bazett-Jones DP, Mymryk JS. "Identification of a molecular recognition feature in the E1A oncoprotein that confers binding to the SUMO conjugase Ubc9." Oncogene 29:4693-704, 2010. 35% (TOP 5 JOURNAL)

Pelka P, Ablack JNG, Shuen M, Yousef AF, Rasti M, Grand RJ Turnell AS, Mymryk JS. "Identification of a second independent binding site for the pCAF acetyltransferase in adenovirus E1A." Virology 391:90-8, 2009. – 75%

Peter Pelka. "Subversion of the cellular transcriptional program by a small viral protein." University of Manitoba, Winnipeg, Manitoba. March 2012. Invited speaker.

Peter Pelka. "Transcriptional reprogramming by adenovirus E1A 13S oncoprotein." Salk Institute, La Jolla, California. November 2011. Invited speaker.

Peter Pelka. "Turning repressors into activators: How adenovirus E1A 13S reprograms the mammalian transcriptome." University of Pittsburgh Cancer Institute, Pittsburgh, Pennsylvania. June 2011. Invited speaker.

Peter Pelka. “Turning repressors into activators: How adenovirus E1A 13S reprograms the mammalian transcriptome.” Resverlogix, Calgary, Alberta. January 2011. Invited speaker.

Peter Pelka. “Turning repressors into activators: How adenovirus E1A 13S reprograms the mammalian transcriptome.” SUNY Upstate Medical University. Syracuse, New York. January 2011. Invited speaker.

Peter Pelka. “Transcriptional control by adenovirus E1A CR3 via p300/CBP.” McMaster University, Hamilton, Ontario. November 2010. Invited speaker.

Peter Pelka. “Deregulation of the cell cycle by adenovirus E1A via a direct association with DP-1.” University of Toronto, Toronto, Ontario. March, 2010. Invited speaker.

Balaji G. Iyengar, Peter Pelka, Amber Ablack, Joe S. Mymryk, John D. Lewis. “Small-molecule mediated control of protein stability in Drosophila.” Oncology Research Day 2009, London, Ontario. Poster presentation.

G. Fonseca, A. Yousef, J. Kelly, P. Pelka, T. Shephard, S. Barr, J. Mymryk. “E1A modulates Bre1/RNF20: Implicating H2B epigenetics in the innate immune response to virus infection.” Infection and Immunity Research Forum 2009, London, Ontario. Poster presentation

Awardee’s Name: Piaseczny, Matthew

Piaseczny, M. M. and A. L. Allan (2014). "Why does breast cancer often spread to the lung?" Womens Health (Lond Engl) 10(6): 561-564.

Piaseczny, MM, Goodale, D, Allan, AL. “Effect of lung-derived factors on ALDHhiCD44+ breast cancer cell metastatic behaviour using a novel ex vivo assay. ACB Research Day, University of Western Ontario, London, ON

Piaseczny, MM, Allan, AL. “Effect of soluble lung-derived factors on ALDHhiCD44+ breast cancer cell metastatic behaviour and treatment resistance. Oncology Research and Education Day, London, ON

Piaseczny, MM, Allan, AL. “Effect of soluble lung-derived factors on ALDHhiCD44+ breast cancer cell metastatic behaviour and treatment resistance. London Health Research Day (LHRD), London, ON

Piaseczny, MM, Allan, AL. “Effect of soluble lung-derived factors on ALDHhiCD44+ breast cancer cell metastatic behaviour and treatment resistance. Cancer Research Laboratory Program Seminar Series, London Regional Cancer Centre, London, ON

Awardee’s Name: Quail, Daniela

Quail DF*, Walsh LA, Zhang G, Findlay S, Fung L, Moreno J, Lewis J, Done S, Hess DA, and Postovit LM. (2012) The embryonic protein Nodal promotes breast cancer vascularization. Cancer Res. 72(15):3851-3863. (TOP 5 JOURNAL)

Quail DF*, Zhang G, Hess DA, and Postovit LM. Nodal promotes invasive phenotypes via a non-canonical Mitogen Activated Protein Kinase-dependent pathway. [Accepted pending minor revisions, Oncogene] (TOP 5 JOURNAL)

Quail DF*, Maciel T, Rogers K, and Postovit LM. (2012) A unique 3D in vitro cellular invasion assay. J Biomol Screen. 7(8):1088-95.

Quail DF*, Taylor M, and Postovit LM. (2012) Microenvironmental regulation of stem cell phenotypes. Current Stem Cell Research and Therapy. 7:197-216.

Quail DF*, Taylor M*, Walsh LA*, Dieters-Castator D, Das P, Jewer M, Zhang G, Postovit LM. (2011) Low oxygen levels induce the expression of the embryonic morphogen Nodal. Molecular Biology of the Cell. 22(24):4809-4821. (I performed approximately 30% of the total work)

Quail DF*, Taylor M, Jewer M, and Postovit LM. Influence of the embryonic microenvironment on tumour progression. (2010) In Cancer Stem Cells in Solid Tumours (Humana Press). Chapter 13; p223-243. Editor Allan A.

Abstracts published at International Conference Preceedings:

Quail, DF*, and Postovit, LM. Nodal promotes breast cancer invasion. (March 2011) [Abstract] AACR Stem Cells, Development, and Cancer. Vancouver, BC. (International conference)

Quail, DF*, Zhang, G, Broughton, H, Lewis, J, Hess, D, and Postovit, LM. (2010) Nodal promotes breast cancer metastasis and plasticity. [Abstract and platform presentation] Keystone Symposia, Victoria BC. (International conference)

Quail, DF*, Zhang, G, and Postovit, LM. Nodal promotes the angiogenic switch in breast cancer. [Abstract and poster presentation] AACR 2010. Washington, DC. (International conference)

Quail, DF* and Postovit, LM. (2009) Nodal promotes stem cell-like phenotypes and metastatic competence in breast cancer cells [Abstract and poster presentation]. Beatson International Cancer Conference: Microenvironment, Motility and Metastasis. Glasgow. (International conference)

Quail, DF* and Postovit, LM. Nodal promotes metastatic phenotypes in breast cancer cells [Abstract and poster presentation]. AACR 2009. Denver. (International conference)

Quail, D, Zhang, G*, and Postovit, LM. (2012) Nodal promotes breast cancer invasion [Poster presentation]. CIHR Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology, 9th Annual Oncology Research and Education Day, London, ON, Canada (Internal conference)

Quail, D.*, and Postovit, L.M. Nodal promotes breast cancer invasion. (March 2011) [Poster presentation] AACR Stem Cells, Development, and Cancer. Vancouver, BC. (International conference)

Quail, D.*, Zhang, G., Broughton, H., Lewis, J., Hess, D., and Postovit, L.M. (2011) Nodal promote breast cancer vascularization [Poster presentation]. CIHR Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology, 8th Annual Oncology Research and Education Day, London, ON, Canada (Internal conference)

Quail, D.*, Zhang, G., Broughton, H., Lewis, J., Hess, D., and Postovit, L.M. (2010) Nodal promotes breast cancer metastasis and plasticity. [Platform presentation] Keystone Symposia, Victoria BC. (International conference)

Quail, D.*, Zhang, G. and Postovit, L.M. Nodal promotes the angiogenic switch in breast cancer. [Poster presentation] AACR 2010. Washington, DC. (International conference)

Quail, D.*, Zhang, G., Broughton, H., Lewis, J., Hess, D., and Postovit, L.M. (2010) Nodal promotes angiogenic phenotypes in breast cancer [Poster presentation and awardee]. CIHR Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology, 7th Annual Oncology Research and Education Day, London, ON, Canada (Internal conference)

Quail, D.* and Postovit, L.M. (2009) Nodal promotes stem cell-like phenotypes and metastatic competence in breast cancer cells [Poster presentation]. Beatson International Cancer Conference: Microenvironment, Motility and Metastasis. Glasgow. (International conference)

Quail, D.* and Postovit, L.M. Nodal promotes metastatic phenotypes in breast cancer cells [Poster presentation]. AACR 2009. Denver. (International conference)

Quail, D* and Postovit, L.M. (2009) Nodal promotes metastatic phenotypes in breast cancer. [Platform presentation] Anatomy and Cell Biology Research Day, The University of Western Ontario. (Internal conference)

Quail, D* and Postovit, L.M. (2009) Nodal promotes metastasis and plasticity in breast cancer cells [Platform presentation]. CIHR Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology, 6th Annual Oncology Research and Education Day, London, ON, Canada (Internal conference)

Quail, D* and Postovit, L.M. (2009) Nodal promotes stem cell-like phenotypes and metastatic competence in breast cancer cells [Platform presentation]. Lawson Research Day. Lawson Health Research Institute, London, ON, Canada (Internal conference)

Invited Platform Presentation:
Quail, D.*, Zhang, G., Broughton, H., Lewis, J., Hess, D., and Postovit, L.M. (2010) Nodal promotes breast cancer metastasis and plasticity. [Invitation for Platform presentation] Keystone Symposia, Victoria BC. (International conference)

International Poster Presentations:
Quail, D.*, Zhang, G. and Postovit, L.M. Nodal promotes the angiogenic switch in breast cancer. [Poster presentation] AACR 2010. Washington, DC. (International conference)

Quail, D.*, and Postovit, L.M. Nodal promotes breast cancer invasion. (March 2011) [Poster presentation] AACR Stem Cells, Development, and Cancer. Vancouver, BC. (International conference)

Quail, D.* and Postovit, L.M. (2009) Nodal promotes stem cell-like phenotypes and metastatic competence in breast cancer cells [Poster presentation]. Beatson International Cancer Conference: Microenvironment, Motility and Metastasis. Glasgow. (International conference)

Quail, D.* and Postovit, L.M. Nodal promotes metastatic phenotypes in breast cancer cells [Poster presentation]. AACR 2009. Denver. (International conference)

Awardee's Name: Rafehi, Samah

Samah Rafehi, MSc; Emily Lalone, BMSc; Marjorie Johnson, PhD; Graham J.W. King, MD, MSc, FRCSC; George S. Athwal, MD, FRCSC. An anatomic study of coronoid cartilage thickness with special reference to fractures. J Shoulder Elbow Surg. 2011

06/2014 Oncology Research and Education Day
Poster presentation “TGFβ Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

05/2014 Canadian Conference on Ovarian Cancer Research (CCOCR)
Poster presentation “TGFβ Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

Presented by supervisor
05/2014 Paul Harding Research Day

Podium presentation “TGFβ Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

03/2014 London Health Research Day
Poster presentation “TGFβ Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

06/2013 Oncology Research and Education Day
Poster presentation “TGFβ Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

05/2013 Paul Harding Research Day
Poster presentation “TGFβ Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

03/2013 London Health Research Day
Poster presentation “TGFβ Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

10/2012 Anatomy and Cell Biology Research Day
Poster presentation “TGFβ/BMP Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

06/2012 Oncology Research and Education Day
Poster presentation “TGFβ/BMP Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

05/2012 Canadian Conference on Ovarian Cancer Research (CCOCR)
Poster presentation “TGFβ/BMP Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

05/2012 Paul Harding Research Day
Poster presentation “TGFβ/BMP Signalling Regulation of the EMT Phenotype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

03/2012 London Health Research Day
Podium presentation “Elucidating the Effects of TGFβ/BMP Signalling on Epithelial Mesenchymal Transition and Cancer Initiating Cells in Epithelial Ovarian Cancer”

03/2012 Cancer Research Lab Presentation (CRLP)
Podium presentation “TGFβ/BMP Signalling Regulation of the EMT Phentoype in Ascites-Derived Epithelial Ovarian Cancer Spheroids”

2011 Canadian Orthopedic Association (COA)
Podium presentation “An Anatomic Study of Coronoid Cartilage Thickness with Special Reference to Fractures”

2010 Mayo Clinic Elbow Club Meeting
Podium presentation “Coronoid Fractures: Fleck Off?” Presented by supervisor
2010 Fifth Annual Imaging Discovery Conference
Poster presentation “An Anatomic Study of Coronoid Cartilage Thickness with Special Reference to Fractures”

2010 Experimental Biology Conference
Poster presentation “An Anatomic Study of Coronoid Cartilage Thickness with Special Reference to Fractures”
Received Travel Award

2010 Margaret Moffat Research Day
Poster presentation “An Anatomic Study of Coronoid Cartilage Thickness with Special Reference to Fractures”
Award Winner

2009 The 16th Annual Murray Barr Research Day
Podium presentation “An Anatomic Study of Coronoid Cartilage Thickness with Special Reference to Fractures”

2009 Guest Lecturer
University of Western Ontario, London, Ontario Anatomy and Cell Biology course 3319/2225

Awardee’s Name: Reed, Jason

Reed J, Correa R, Ramos Valdés Y, Dinulescu DM, Vanderhyden BC, Lewis JD, DiMattia GE, Shepherd TG (poster presentation, June 17, 2011). Establishment of the chick chorioallantoic membrane (CAM) as an ex vivo model system to study mechanisms underlying epithelial ovarian tumour growth and metastasis. CIHR – Strategic Training Program in Cancer Research & Technology Transfer (CaRTT) and the Department of Oncology – Research & Education Day, The University of Western Ontario, London, Ontario.

Reed J, Correa R, Ramos Valdés Y, Dinulescu DM, Vanderhyden BC, Lewis JD, DiMattia GE, Shepherd TG (poster presentation, April 5, 2011). Establishment of the chick chorioallantoic membrane (CAM) as an ex vivo model system to study mechanisms underlying epithelial ovarian tumour growth and metastasis. American Association for Cancer Research – 102nd Annual Meeting 2011, Orlando, Florida.

Reed J, Correa R, Ramos Valdés Y, Dinulescu DM, Vanderhyden BC, Lewis JD, DiMattia GE, Shepherd TG (poster presentation, October 28, 2010). The chick chorioallantoic membrane (CAM) as an ex vivo model system to study epithelial ovarian tumour growth and metastasis. Department of Anatomy and Cell Biology Research Day, the University of Western Ontario, London, Ontario.

Reed J, Correa R, Ramos Valdés Y, Dinulescu DM, Vanderhyden BC, Lewis JD, DiMattia GE, Shepherd TG (poster presentation, June 18, 2010). The chick chorioallantoic membrane (CAM) as an ex vivo model system to study epithelial ovarian tumour growth and metastasis. CIHR – Strategic Training Program in Cancer Research & Technology Transfer (CaRTT) and the Department of Oncology – Research & Education Day, The University of Western Ontario, London, Ontario.

Reed J, Correa R, Ramos Valdés Y, Dinulescu DM, Vanderhyden BC, Lewis JD, DiMattia GE, Shepherd TG (oral presentation, May 19, 2010). The chick chorioallantoic membrane (CAM) as an ex vivo model system to study epithelial ovarian tumour growth and metastasis. Department of Obstetrics and Gynaecology – Paul Harding Research Day, The University of Western Ontario, London, Ontario.

Reed J, Correa R, Ramos Valdés Y, Dinulescu DM, Vanderhyden BC, Lewis JD, DiMattia GE, Shepherd TG (poster presentation, May 17, 2010). The chick chorioallantoic membrane (CAM) as an ex vivo model system to study epithelial ovarian tumour growth and metastasis. Canadian Conference on Ovarian Cancer Research – Toronto, Ontario.

Awardee's Name: Robertson, Amy

Amy Robertson, Hon Leong, John Lewis. (2010, March). Identification of Critical Mediators of Tumour Cell Migration Using an in vivo shRNA Screen. Poster presentation: Lawson Research Day, London, Ontario

Amy Robertson, Hon Leong, John Lewis . (May, 2010). Identification of Mediators of Tumour Cell Migration using an in vivo inhibitory short hairpin RNA Screen. Poster presentation: Terry Fox Research Institute 2nd Annual Meeting, Vancouver, BC.

Amy Robertson, Hon Leong, John Lewis (June, 2010). Identification of Mediators of Tumour Cell Migration using an in vivo inhibitory short hairpin RNA Screen. Poster presentation: Department of Oncology Research & Education Day , London ON.

Amy Robertson, Hon Leong, John Lewis . (May, 2010). Identification of Critical Mediators of Tumor Cell Migration using an In Vivo shRNA Screen. Research presentation: Medical Biophysics Departmental Seminar, London ON.

Amy Robertson, Hon Sing Leong, John Lewis. (2011). RhoA GTPase and Cortactin are Required for Tumour Cell Migration of Human Epidermoid Carcinoma cells in vivo. Poster presentation – Department of Oncology Research & Education Day – London ON.

Awardee's Name: Rodriguez-Torres, Mauricio

Majumder M , Tutunea-Fatan E , Xin X , Rodriguez-Torres M , Torres-Garcia J , Wiebe R , Timoshenko AV , Bhattacharjee RN , Chambers AF , Lala PK (2012) Co-Expression of α9β1 Integrin and VEGF-D Confers Lymphatic Metastatic Ability to a Human Breast Cancer Cell Line MDA-MB-468LN. PLoS ONE 7(4): e35094. doi:10.1371/journal.pone.0035094

Presentations:
Mousumi Majumder, Postovit Lynn-Marie, Heather Broughton, Xiping Xin, Elena Tutunea Fatan, Leanna Dunn, Mauricio Rodriguez-Torres, David Hess and Peeyush K. Lala. Ciclooxigenase-2 mediated breast cancer progression by induction of stem like cells and micro RNA. Proceedings of the 103rd Annual Meeting of the American

Association for Cancer Research; 2012 Mar 31-Apr 4; Chicago, IL. Philadelphia (PA): AACR; Cancer Res 2012;72(8 Suppl):Abstract nr 3324. doi:1538-7445.AM2012-332

Rodriguez Mauricio, Allan Alison. Genomewide RNA Expression Analysis Identifies an Stem-EMT Enrichment and a pre-tRNA Signature in ALDHhiCD44+ Breast Cancer Stem Cells. The 11th Annual Oncology Research & Education Day. CIHR-Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology at Western University. (2013) CaRTT STP. June 20, 2014 [Poster presentation]

Rodriguez Mauricio, Allan AL. Genomewide RNA Expression Analysis Identifies a Stem-EMT Enrichment and a pre-tRNA Signature in ALDHhiCD44+ Breast Cancer Stem Cells. London Health Research Day 2014. March 18, 2014. London, Ontario [Poster presentation]

Rodriguez M, Allan AL. Genomewide RNA Expression Analysis Identifies an Stem-EMT Enrichment and a pre-tRNA Signature in ALDHhiCD44+ Breast Cancer Stem Cells. CRLP Student Seminar Series, LRCP; Nov 07, 2013. London, Ontario (ON) [Oral Presentation]

Rodriguez Mauricio, Allan Alison. Aldehyde Dehydrogenase 1A1 and CD44 are of Functional Importance for the Metastatic Behavior of Human Breast Cancer Cells. Canadian Cancer Research Conference; 2013 Nov 3-6; Toronto, Ontario (ON) [Abstract/Poster Presentation]

Rodriguez Mauricio, Allan Alison. Genomewide RNA Expression Analysis Identifies an Stem-EMT Enrichment and a pre-tRNA Signature in ALDHhiCD44+ Breast Cancer Stem Cells. The 10th Annual Oncology Research & Education Day. CIHR-Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology at Western University. (2013) CaRTT STP. June 21, 2013

Rodriguez M, Allan AL. Aldehyde Dehydrogenase 1A1 and CD44 are of Functional Importance for the in vitro Metastatic Behavior of Human Breast Cancer Cells. Annual Oncology/CIHR-CaRTT Research and Education Day, the University of Western Ontario. [Abstract/Poster presentation]

Rodriguez M, Allan AL. The Role of ALDH1A1 and CD44 in the Organ Tropism of ALDHhiCD44+ stem-like breast cancer cells. CRLP Student Seminar Series, LRCP. [Oral Presentation]

Mousumi Majumder, Postovit Lynn-Marie, Heather Broughton, Xiping Xin, Elena Tutunea Fatan, Leanna Dunn, Mauricio Rodriguez-Torres, David Hess and Peeyush K. Lala. Ciclooxigenase-2 mediated breast cancer progression by induction of stem like cells and micro RNA. The 9th Annual Oncology Research & Education Day. CIHR-Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology at Western University. (2012) CaRTT STP. June 22, 2012 [Abstract/poster presentation]

Awardee's Name: Roumeliotis, Michael

M. Roumeliotis, R.Z. Stodilka, M.A. Anastasio, E. Ng, J.J.L. Carson. "Estimate of effective singular values for a photoacoustic imaging system of varying transducer arrangement and sampling rate" Optics Express 19(14), pp. 13405-13417, 2011. (TOP 5 JOURNAL)

M. Roumeliotis, R.Z. Stodilka, M.A. Anastasio, G. Chaudhary, H. Al-Aabed, E. Ng, A. Immucci, J.J.L. Carson. "Analysis of a photoacoustic imaging system by the crosstalk matrix and singular value decomposition" Optics Express 18(11), pp. 11406-11417, 2010. (TOP 5 JOURNAL)

P. Ephrat, G. C. Albert, M. Roumeliotis, M. Belton, F. S. Prato, J.J.L. Carson. “Localization of spherical lesions in tumour-mimicking phantoms by 3D sparse array photoacoustic imaging”, Medical Physics 37(4), pp. 1619-1628, 2010. (25% contribution)

M. Roumeliotis, P. Ephrat, J. Patrick, J.J.L. Carson. "Development and characterization of an omni-directional photoacoustic point source for calibration of a staring 3D photoacoustic imaging system", Optics Express 17(17), pp. 15228-15238, 2009. (TOP 5 JOURNAL)

P. Ephrat, M. Roumeliotis, F. Prato, J.J.L. Carson. "Four-dimensional photoacoustic imaging of a moving target", Optics Express 16(26), pp. 21570-21581, 2008. (TOP 5 JOURNAL)

E. Ng, F. Vasefi, B. Kaminska, M. Roumeliotis, J.J.L. Carson. “Three dimensional angular domain optical projection tomography” SPIE Annual Meeting, Symposium on Biomedical Optics (BiOS), 7897, San Francisco, USA, 2011.

M. Roumeliotis, M.A. Anastasio, J.J.L. Carson. “Estimate of effective singular values of a photoacoustic imaging system by noise characterization” SPIE Annual Meeting, Symposium on Biomedical Optics (BiOS), 7899-65, San Francisco, USA, 2011.

M. Roumeliotis, G. Chaudhary, M.A. Anastasio, R. Stodilka, A. Immucci, E. Ng, J.J.L. Carson. "Analysis of a photoacoustic imaging system by singular value decomposition” SPIE Annual Meeting, Symposium on Biomedical Optics (BiOS), 7564-113, San Francisco, USA, 2010.

G. Chaudhary, M. Roumeliotis, P. Ephrat, R.Z. Stodilka, J.J.L. Carson, M.A. Anastasio. "Characterization of sparse-array detection photoacoustic tomography using the singular value decomposition" SPIE Annual Meeting, Symposium on Biomedical Optics (BiOS), 7564-119, San Francisco, USA, 2010.

G. Chaudhary, M.A. Anastasio, M. Roumeliotis, J.J.L. Carson. "Comparison of reconstruction algorithms for sparse-array detection" SPIE Annual Meeting, Symposium on Biomedical Optics (BiOS), 7564-115, San Francisco, USA, 2010.

Awardee’s Name: Rytelewski, Mateusz

Rytelewski, M., Buensuceso A., Leong, H.S., Deroo, B.J., Chambers, A.F., Koropatnick, J. "Evaluating the effectiveness of cancer drug sensitization in vitro and in vivo" JoVe (In Press - August 2014)

Rytelewski, M., Tong, J., Buensuceso, A., Leong, H.S., Maleki Vareki, S., Figueredo, R., DiCresce, C., Wu, S.Y., Herbrich, S.M., Baggerly, K.A., Romanow, L., Shepherd, T., Deroo, B.J., Sood, A.K., Chambers, A.F., Vincent, M., Ferguson, P.J., Koropatnick, J. " BRCA2 inhibition enhances cisplatin-mediated alterations in tumor cell proliferation, metabolism, and metastasis" Molecular Oncology (In Press - June 2014)

Maleki Vareki, S., Rytelewski M., Figueredo, R., Chen, D., Ferguson, P.J., Vincent, M., Min, W.P., Zheng, X., Koropatnick, J. "Indoleamine 2,3-dioxygenase mediates immune independent human tumor cell resistance to olaparib, gamma radiation, and cisplatin" Oncotarget (April 18th, 2014).

Rytelewski, M., Meilleur, C.E., Yekta Atef, M., Szabo, P.A., Garg, N., Schell, T.D., Jevnikar A.M., Sharif, S., Singh, B., Haeryfar, S.M. "Suppression of Immunodominant Antitumor and Antiviral CD8+ T Cell Responses by Indoleamine 2, 3-Dioxygenase." PLoS One (February 28th, 2014) doi:10.1371/journal.pone.0090439

Rytelewski, M., Vincent, M.D., Ferguson, P.J., Maleki Vareki, S., Figueredo, R., Koropatnick, J. “Downregulation of BRCA2 and thymidylate synthase (TS) sensitizes human tumour cells to chemotherapy: induction of

‘complementary lethality’ by targeting DNA repair.” Molecular Therapy - Nucleic Acids (March 12th, 2013) doi:10.1038/mtna.2013.7

Maleki-Vareki, S., Harding, M., Waithman, J., Zanker, D., Shivji, A.N., Rytelewski, M., Mazzuca, D.M., Yekta, M.A., Haeryfar, S.M. “Rapamycin differentially regulates antiviral and allogenic CD8+ T-cell responses elicited in the same host”. Am J Transplant. 2012 Jan;12(1):233-9 (TOP 5 JOURNAL)

Walker, K.M., Rytelewski, M., Mannik, L., Yue, D., Mazzuca, D.M., Bell, D.A., Cairns, E., Haeryfar, S.M. “Preventing and curing rheumatoid arthritis in a humanized mouse model using a Th2-polarizing glycolipid agonist of invariant NKT cells.” Immunol Cell Biol. 2012 Jul;90(6):630-9.

Patent Application: Vincent, M.D., Ferguson, P.J., Koropatnick, J., Rytelewski, M. “Methods of treating cancer by inhibition of DNA repair proteins”, 753-126PCT, Filing date 12/03/2012.

Patent Application: Maleki Vareki, S., Rytelewski, M., Ferguson, P.J., DiCresce, C., Vincent, M.D., Way, C., Koropatnick, D.J. "Chemo- and radiation sensitization of cancer by indoleamine-2,3 dioxygenase (IDO) inhibitors.

Di Cresce, C., Way, C., Rytelewski, M., Maleki Vareki, S., Nilam, S., Vincent, M.D., Koropatnick, J., Ferguson, P.J. “Antisense Technology: From Unique Laboratory Tool to Novel Anticancer Treatments.” Chapter 12 - From Nucleic Acids to Nuclear Medicine; Springer Vanier. June 2012

Rytelewski, M., Tong, J., Buensuceso, A., Leong, H.S., Maleki Vareki, S., Figueredo, R., DiCresce, C., Wu, S.Y., Herbrich, S.M., Baggerly, K.A., Romanow, L., Shepherd, T., Deroo, B.J., Sood, A.K., Chambers, A.F., Vincent, M., Ferguson, P.J., Koropatnick, J. " BRCA2 inhibition enhances cisplatin-mediated alterations in tumor cell proliferation, metabolism, and metastasis." Poster Presentation - AACR Annual Meeting 2014. San Diego, USA.

Rytelewski, M., Tong, J., Buensuceso, A., Maleki Vareki, S., Ferguson, P.J., Figueredo, R., Vincent, M., Shepherd, T., Deroo, B.J., Koropatnick, J. "A novel BRCA2 targeting antisense oligonucleotide sensitizes human tumor cells to chemotherapy and radiotherapy-the induction of ‘complementary lethality’by targeting DNA repair". Poster Presentation - AACR Molecular Targets Meeting, Boston, USA. October 2013 - Published in Molecular Cancer Therapeutics

Rytelewski, M., Tong, J., et al. “Targeting DNA repair pathways with antisense – a potential anticancer strategy.” Oral presentation – Oncology Research and Education Day: June 21st, 2013. London, Ontario

Rytelewski, M., Vincent, M.D., Ferguson, P.J., Maleki Vareki, S., Figueredo, R., Koropatnick, J. “Downregulation of BRCA2 and thymidylate synthase (TS) sensitizes human tumour cells to chemotherapy: induction of ‘complementary lethality’ by targeting DNA repair.” Poster Presentation– EORTC Dublin, Ireland. November 8th, 2012 – Published in the European Journal of Cancer (2012) 48, 87

PJ Ferguson, MD Vincent, R Figueredo, M Rytelewski, J Koropatnick. "Enhancement of Cisplatin Cytotoxicity by Antisense Oligonucleotides Targeting DNA Repair Protein BRCA2: Creation of Synthetic Lethality to Improve Selectivity" EORTC - Dublin 2012; European Journal of Cancer (2012) 48, 58

Rytelewski, M., Ferguson, P.J., Vincent, M.D., Koropatnick, J. “Targeting DNA repair pathways with antisense – a potential anticancer strategy.” Poster presentation – Oncology Research and Education Day: June 22nd, 2012. London, Ontario

Rytelewski, M., Ferguson, P.J., Vincent, M.D., Koropatnick, J. “Targeting DNA repair pathways with antisense – a potential anticancer strategy.” Poster presentation – London Health Research Day: March 20th, 2012. London, Ontario.

Rytelewski, M., Garg, N., Harding, M., Mazzuca, D., Haeryfar, S.M. “Tryptophan Metabolism and CD8+ T-cell Function.” Poster Presentation: Canadian Society for Immunology (CSI) Meeting April 2011

Maleki-Vareki, S., Harding, M., Rytelewski, M., Haeryfar, S.M. “Rapamycin differentially regulates antiviral and allogenic CD8+ T-cell responses elicited in the same host.” Poster Presentation: Canadian Society for Immunology (CSI) Meeting 2011

Rytelewski, M., Walker, K.M., Mazzuca D., Cairns, E., Haeryfar, S.M. “Modulation of Rheumatoid Arthritis in Mice by Glycolypid Agonists of iNKT Cells.” Oral Presentation: Rheumatology Research Day, London, ON; May 27th, 2010.

Rytelewski, M., Garg, N., Mazzuca, D., Haeryfar, S.M. “The Influence of Indoleamine 2,3 Dioxygenase (IDO) on Adaptive CD8+ T-cell Responses.” Poster Presentation: 4th Annual Infection and Immunity Research Forum (IIRF), London, ON; November 20th, 2009.

Awardee’s Name: Siegers, Gabrielle

Gabrielle M. Siegers and Lawrence S. Lamb Jr. Cytotoxic and Regulatory Properties of Circulating V□1+ □□T Cells: A New Player on the Cell Therapy Field? Molecular Therapy. 2014. 22(8):1416-22. doi: 10.1038/mt.2014.104. Epub 2014 Jun 4. – 50%

Elaine P. Dopfer, Frederike A. Hartl, Hans-Heinrich Oberg, Gabrielle M. Siegers, Sascha Yousefi, Sylvia Kock, Gina J. Fiala, Beatriz Garcillán, Andrew Sandstorm, Balbino Alarcón, Jose-Ramon Regueiro, Dieter Kabelitz, Erin J. Adams, Susana Minguet, Daniela Wesch, Paul Fisch, Wolfgang W. A. Schamel. The CD3 conformational change in the γδ T cell receptor is not triggered by antigens but can be enforced to enhances tumor killing. Cell Reports. 2014. 7(5):1704-15. 10.1016/j.celrep.2014.04.049. Epub 2014 May 22. - 15%

Julia Schüler, Dagmar Wider, Kerstin Klingner, Gabrielle M. Siegers, Ralph Wäsch, Heinz-Herbert Fiebig, Monika Engelhardt. Intratibial injection of human multiple myeloma cells in NSG mice mimics human myeloma and serves as a valuable tool for the development of anticancer strategies. PLoS ONE. 2013. 8(11): e79939. doi: 10.1371/journal.pone.0079939. - 5%

Gabrielle M. Siegers*, Padmalaya Das*, and Lynne-Marie Postovit. (2013) Illuminating Luminal B: QSOX1 as a subtype-specific biomarker. Breast Cancer Research. 2013 May 15;15(3):104. [Epub ahead of print]. *equal contributions invited editorial – 45%

Daniela F. Quail, Gabrielle M. Siegers and Lynne-Marie Postovit. Nodal Signaling in Embryogenesis and Tumorigenesis. International Journal of Biochemistry and Cell Biology. 2013 Apr;45(4):885-98. doi:10.1016/j.biocel.2012.12.021. Epub 2013 Jan 3. invited review – 25%

Gabrielle M. Siegers, Emeline J. Ribot, Armand Keating and Paula J. Foster. Extensive Expansion of Primary Human Gamma Delta T Cells Generates Cytotoxic Effector Memory Cells that can be Labeled with Feraheme for Cellular MRI. Cancer Immunology, Immunotherapy. 2013 Mar;62(3):571-83. doi: 10.1007/s00262-012-1353-y. Epub 2012 Oct 26. 95%

Daniela F. Quail, Guihua Zhang, Logan Walsh, Gabrielle M. Siegers, Dylan Dieters-Castator, Scott Findlay, Heather Broughton, David A. Hess and Lynne-Marie Postovit. The embryonic protein Nodal promotes breast cancer tumorigenesis. PLoS ONE. 2012; 7(11):e48237. doi: 10.1371/journal.pone.0048237. Epub 2012 Nov 7. 10%

Meike Schneider, Johannes Huber, Boris Hadaschik, Gabrielle Siegers, Heinz-Herbert Fiebig, Julia Schüler. Characterization of colon cancer cells: a functional approach characterizing CD133 as a potential stem cell marker. BMC Cancer. 2012 Mar 20;12:96. doi: 10.1186/1471-2407-12-96. 10%

4Gabrielle M. Siegers (2012): Anti-leukemia Activity of Human Gamma Delta T Cells. OncoImmunology. 1(2):1-3. 100% - invited author's view

Gabrielle M. Siegers, Tania C. Felizardo, A. Mark Mathieson, Yoko Kosaka, , Xing-Hua Wang, Jefferey A. Medin and Armand Keating (2011): Anti-leukemia Activity of in vitro-Expanded Human Gamma Delta T Cells in a Xenogeneic Ph+ Leukemia Model. PLoS ONE. Feb 3;6(2):e16700. 90%

Gabrielle M. Siegers, Helena Dhamko, Xing-Hua Wang, A. Mark Mathieson, Yoko Kosaka, Tania Felizardo, Jeffery Medin, Shuji Tohda, Julia Schueler, Paul Fisch, Armand Keating (2011): Human Vdelta1 gamma delta T cells expanded from peripheral blood exhibit specific cytotoxicity against B-CLL derived cells. Cytotherapy. 13(6):753-64. Epub 2011 Feb 11 (doi:10.3109/14653249.2011.553595). 90%

Mahima Swamy, Gabrielle M. Siegers, Gina J. Fiala, Eszter Molnar, Elaine P. Dopfer, Paul Fisch, Burkhart Schraven and Wolfgang W.A. Schamel (2010): Stoichiometry and intracellular fate of TRIM-containing TCR complexes. Cell Communication and Signaling. 8:5, doi:10.1186/1478-811X-8-5. 30%

Elaine P. Dopfer, Frederike A. Hartl, Hans-Heinrich Oberg, Gabrielle M. Siegers, Sascha Yousefi, Sylvia Kock, Gina J. Fiala, Beatriz Garcillán, Andrew Sandstorm, Balbino Alarcón, Jose-Ramon Regueiro, Dieter Kabelitz, Erin J. Adams, Susana Minguet, Daniela Wesch, Paul Fisch, Wolfgang W. A. Schamel. The CD3 conformational change in the γδ T cell receptor is not triggered by antigens but can be enforced to enhances tumor killing. Cell Reports. 2014. 7(5):1704-15. 10.1016/j.celrep.2014.04.049. Epub 2014 May 22. - 15%

Julia Schüler, Dagmar Wider, Kerstin Klingner, Gabrielle M. Siegers, Ralph Wäsch, Heinz-Herbert Fiebig, Monika Engelhardt. Intratibial injection of human multiple myeloma cells in NSG mice mimics human myeloma and serves as a valuable tool for the development of anticancer strategies. PLoS ONE. 2013. 8(11): e79939. doi: 10.1371/journal.pone.0079939. - 5%

Daniela F. Quail, Gabrielle M. Siegers and Lynne-Marie Postovit. Nodal Signaling in Embryogenesis and Tumorigenesis. International Journal of Biochemistry and Cell Biology. 2013 Apr;45(4):885-98. doi:10.1016/j.biocel.2012.12.021. Epub 2013 Jan 3. invited review – 25%

Daniela F. Quail, Guihua Zhang, Logan Walsh, Gabrielle M. Siegers, Dylan Dieters-Castator, Scott Findlay, Heather Broughton, David A. Hess and Lynne-Marie Postovit. The embryonic protein Nodal promotes breast cancer tumorigenesis. PLoS ONE. 2012; 7(11):e48237. doi: 10.1371/journal.pone.0048237. Epub 2012 Nov 7. 10%

Meike Schneider, Johannes Huber, Boris Hadaschik, Gabrielle Siegers, Heinz-Herbert Fiebig, Julia Schüler. Characterization of colon cancer cells: a functional approach characterizing CD133 as a potential stem cell marker. BMC Cancer. 2012 Mar 20;12:96. doi: 10.1186/1471-2407-12-96. 10%

Gabrielle M. Siegers (2012): Anti-leukemia Activity of Human Gamma Delta T Cells. OncoImmunology. 1(2):1-3. 100% - invited author's view

Gabrielle M. Siegers, Tania C. Felizardo, A. Mark Mathieson, Yoko Kosaka, , Xing-Hua Wang, Jefferey A. Medin and Armand Keating (2011): Anti-leukemia Activity of in vitro-Expanded Human Gamma Delta T Cells in a Xenogeneic Ph+ Leukemia Model. PLoS ONE. Feb 3;6(2):e16700. 90%

Mahima Swamy, Gabrielle M. Siegers, Gina J. Fiala, Eszter Molnar, Elaine P. Dopfer, Paul Fisch, Burkhart Schraven and Wolfgang W.A. Schamel (2010): Stoichiometry and intracellular fate of TRIM-containing TCR complexes. Cell Communication and Signaling. 8:5, doi:10.1186/1478-811X-8-5. 30%

Presentations:
Translational Breast Cancer Research Retreat
Best Western Lamplighter Inn and Conference Centre, London, ON. January 2014
"Gamma delta T cells and Nodal in the Breast Tumour Microenvironment"

2013 Infection and Immunity Research Forum
Department of Microbiology and Immunology
Western University, London, ON. November 2013
"Gamma delta T cells and Nodal in the Breast Tumour Microenvironment"

10th Annual Oncology Research and Education Day
CIHR Strategic Training Program in Cancer Research and Technology Transfer Schulich School of Medicine & Dentistry at Western University, London, Ontario. June 2013
"Gamma delta T cells and Nodal in the Breast Tumour Microenvironment"

Fifth International Gamma-Delta T-Cell Conference
Freiburg, Germany, June 2012
"Interferon alpha therapy alters peripheral gamma delta T cell compartments in Chronic Myeloid Leukemia patients"

Tumor Immunology and Immunotherapy Symposium
Ontario Cancer Institute, Toronto, Ontario, August 2012
"Differential cytotoxicity of Vdelta1 versus Vdelta2 □□ T cells against human leukemia cells"

11th Annual Oncology Research and Education Day
CIHR Strategic Training Program in Cancer Research and Technology Transfer Schulich School of Medicine & Dentistry at Western University, London, Ontario "Gamma Delta T Cells and Nodal in the Breast Tumour Microenvironment"
Gabrielle M. Siegers, Guihua Zhang, Hon S. Leong, Ann F. Chambers and Lynne-Marie Postovit

Cell Tracking Symposium, Museum London, London, ON
"Extensive Expansion of Primary Human Gamma Delta T Cells Generates Cytotoxic Effector Memory Cells that can be Labeled with Feraheme for Cellular MRI"
Gabrielle M. Siegers, Emeline J. Ribot, Armand Keating and Paula J. Foster

Robarts Research Retreat, Bellamere Winery, London, ON
"Gamma delta T cells and Nodal in the Breast Tumour Microenvironment"
Gabrielle M. Siegers, Guihua Zhang, Hon S. Leong, Ann F. Chambers and Lynne-Marie Postovit

London Health Research Day, London Convention Centre, London, ON
"Gamma delta T cells and Nodal in the Breast Tumour Microenvironment"
Gabrielle M. Siegers, Guihua Zhang, Hon S. Leong, Ann F. Chambers and Lynne-Marie Postovit

Canadian Cancer Research Conference, New PI Meeting, Toronto, ON (2 posters)
"Chronic Myeloid Leukemia Patients Undergoing Interferon Alpha Therapy Exhibit Normal Peripheral Blood Gamma Delta T Cells that May be Expanded in vitro to Generate Predominantly CD45RA-positive Effector Memory Cells for Immunotherapy"
Gabrielle M. Siegers, Anna Kreutzman, Mette Ilander, Satu Mustjoki and Lynne-Marie Postovit

6th Annual Cancer Immune Therapy Symposium, Toronto, Ontario (2 posters) June 2013
"Chronic Myeloid Leukemia Patients Undergoing Interferon Alpha Therapy Exhibit Normal Peripheral Blood Gamma Delta T Cells that May be Expanded in vitro to Generate Predominantly CD45RA-positive Effector Memory Cells for Immunotherapy" Gabrielle M. Siegers, Anna Kreutzman, Mette Ilander, Satu Mustjoki and Lynne-Marie Postovit
"Gamma Delta T Cells and Nodal in the Breast Tumour Microenvironment"
Gabrielle M. Siegers, Guihua Zhang, Hon S. Leong, Ann F. Chambers and Lynne-Marie Postovit

Terry Fox Research Institute Annual Scientific Meeting, Ottawa, Ontario, May 2013
"Gamma Delta T Cells and Nodal in the Breast Tumour Microenvironment"
Gabrielle M. Siegers, Guihua Zhang, and Lynne-Marie Postovit

American Society of Hematology Annual Meeting 2012, Atlanta, USA
"Chronic Myeloid Leukemia Patients Undergoing Interferon Alpha Therapy Exhibit Normal Peripheral Blood Gamma Delta T Cells that May be Expanded in vitro to Generate Predominantly CD45RA-positive Effector Memory Cells for Immunotherapy" Gabrielle M. Siegers, Anna Kreutzman, Mette Ilander, Satu Mustjoki and Lynne-Marie Postovit

2012 Infection and Immunity Research Forum, Western University, London, Canada
"Chronic Myeloid Leukemia Patients Undergoing Interferon Alpha Therapy Exhibit Normal Peripheral Blood Gamma Delta T Cells that May be Expanded in vitro to Generate Predominantly CD45RA-positive Effector Memory Cells for Immunotherapy" Gabrielle M. Siegers, Anna Kreutzman, Mette Ilander, Satu Mustjoki and Lynne-Marie Postovit

9th Annual Oncology Research Day, London, Ontario, June 2012
"Extensive Expansion of Primary Human Gamma Delta T Cells Generates Cytotoxic Effector Memory Cells that can be Labeled with Feraheme for Cellular MRI"
Gabrielle M. Siegers, Emeline J. Ribot, Armand Keating and Paula J. Foster

Fifth International Gamma-Delta T-Cell Conference, Freiburg, Germany, June 2012
"Extensive Expansion of Primary Human Gamma Delta T Cells Generates Cytotoxic Effector Memory Cells that can be Labeled with Feraheme for Cellular MRI" Gabrielle M. Siegers, Emeline J. Ribot, Armand Keating and Paula J. Foster

5th Annual Canadian Cancer Immune Therapy Symposium, Montreal, Canada, April 2012
"Novel protocol to expand and label cytotoxic human gamma delta T cells with Feraheme for cellular MRI"
Gabrielle M. Siegers, Emeline J. Ribot, Armand Keating and Paula J. Foster

Canadian Cancer Research Conference, Toronto, Canada, Nov. 2011
"Iron Oxide Labelling of Human Primary Gamma Delta T Cells for Cellular MRI in Xenograft Models of Cancer."
Gabrielle M. Siegers, Catherine McFadden, Emeline J. Ribot, Armand Keating and Paula J. Foster

Imaging Applications in Prostate Cancer, CIHR/OICR Workshop, London, Canada, Nov. 2011
"Iron Oxide Labelling of Human Primary Gamma Delta T Cells for Cellular MRI in Xenograft Models of Cancer."
Gabrielle M. Siegers, Catherine McFadden, Emeline J. Ribot, Armand Keating and Paula J. Foster

2011 Infection and Immunity Research Forum, Western University, London, Canada
"Iron Oxide Labelling of Human Primary Gamma Delta T Cells for Cellular MRI in Xenograft Models of Cancer."
Gabrielle M. Siegers, Catherine McFadden, Emeline J. Ribot, Armand Keating and Paula J. Foster

2011 Western Postdoctoral Research Forum, Western University, London, Canada
"Iron Oxide Labelling of Human Primary Gamma Delta T Cells for Cellular MRI in Xenograft Models of Cancer."
Gabrielle M. Siegers, Catherine McFadden, Emeline J. Ribot, Armand Keating and Paula J. Foster

2011 World Molecular Imaging Congress, San Diego, California, USA
"Iron Oxide Labelling of Human Primary Gamma Delta T Cells for Cellular MRI in Xenograft Models of Cancer."
Gabrielle M. Siegers, Catherine McFadden, Emeline J. Ribot, Armand Keating and Paula J. Foster

9th Imaging Network Ontario Symposium, Toronto, Canada, January 2011
"Iron Oxide Labelling of Human Primary Gamma Delta T Cells for Cellular MRI in an in vivo Bioluminescent Xenograft Model of Ph+ Leukemia."
Gabrielle M. Siegers, Catherine McFadden, Armand Keating and Paula J. Foster

2010 Gamma Delta T Cell Conference, Kiel, Germany (2 posters)
"Investigation of Gammadelta T Cell Cytotoxicity in a Preclinical Xenograft Model of Chronic Myeloid Leukemia."
Gabrielle M. Siegers, A. Mark Mathieson, Tania Felizardo, Jefferey Medin and Armand Keating

"Differential Cytotoxicity of Vdelta1 versus Vdelta2 Gammadelta T cells against Philadelphia Chromosome Positive and B-CLL Derived Leukemic Cells."
Gabrielle M. Siegers, Helena Dhamko, Julia B. Schueler, Paul Fisch and Armand Keating

Annual Hematology Research Day 2010, University of Toronto, Canada
"Superior Cytotoxicity of Clonal Versus Polyclonal Gamma Delta T Cells Against Philadelphia Chromosome Positive and B-CLL Derived Leukemic Cells. "
Gabrielle M. Siegers, Helena Dhamko, Julia B. Schueler, and Armand Keating

Robarts Research Retreat, 3 min oral presentation
Bellamere Winery, London, ON
"Gamma delta T cells and Nodal in the Breast Tumour Microenvironment"

Ignite Cancer, London, ON – invited speaker
(public outreach event sponsored by the Canadian Cancer Society)
“Naughty Nodal: how an embryonic protein helps breast tumour cells escape certain death by killer □□ T cells”

Division of Hematology & Oncology and Cancer Cell Biology Program Research Conference, University of Alabama, Birmingham, Alabama, USA
– invited speaker
“Pitfalls and promise on the path to □□ T cell immunotherapy of leukemias and solid tumours”

Genome Sciences Center, Vancouver, BC – invited speaker
“Pitfalls and promise on the path to □□ T cell immunotherapy of leukemias and solid tumours”

Molecular Medicine Data Club
Robarts Research Institute, London, ON
“Gamma delta T cells and Nodal in the Breast Tumour Microenvironment”

John Paul II ONE RUN fundraiser – invited speaker
in support of the Translational Breast Cancer Research Unit,
London, ON

BD Multicolor Workshop
Robarts Research Institute, Western University, London, ON
“Immunotherapeutic Potential of Peripheral Blood Gamma Delta T Cells in Chronic Myeloid Leukemia Patients Undergoing Interferon Alpha Therapy”

Max Planck Institute for Immunobiology and Epigenetics
Freiburg, Germany
“Pre-clinical Investigations of Primary Human □□ T Cells for Cancer Immunotherapy“

Oncotest GmbH, Freiburg, Germany
“Iron Oxide Labeling of Primary Human □□ T Cells for Cellular MRI in Xenograft Models of Cancer”

Robarts Research Institute
University of Western Ontario, London, ON
“Investigation of Gamma Delta T Cell Cytotoxicity against Human Leukemic Cells in vitro and in vivo”

Awardee’s Name: Singh, Randeep

Dagnino, L., Singh, R.K. and Judah, D. Post-transcriptional regulation of E2F transcription factors: Fine-tuning DNA repair, cell cycle progression and survival in development and disease."DNA Repair/Book 4", (ed. Kruman, I.) InTech July 2011 (ISBN 978-953-307-687-3), Pp. 162-184.

Singh R.K. and Dagnino, L. (2012 June). Poster presentation at the CIHR - Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology - Research and Education Day. Title: Sequence of events that leads to E2F1 degradation during epidermal keratinocyte differentiation.

Singh R.K. and Dagnino, L. (2012 April). Poster presentation at the 32nd Annual Great Lakes Mammalian Development Meeting (University of Toronto Conference Center). Title: Post-translational modifications mediate nuclear export of E2F1 and its degradation to promote keratinocyte differentiation.

Singh, R.K. and Dagnino, L. (2012 March). Poster presentation at the 1st Annual London Health Research Day (London Convention Center). Title: Regulation of E2F1 ubiquitination, subcellular distribution and degradation in differentiated keratinocytes.

Singh, R.K. and Dagnino, L. (2011 November). Poster presentation at the J.A.F Stevenson Memorial Lecture and The 6th Annual Department of Physiology and Pharmacology Research Day (University of Western Ontario, London). Title: Post-translational modifications on E2F1 are a critical event in regulating E2F1 degradation upon keratinocyte differentiation.

Singh R.K. and Dagnino, L. (2011 June). Poster presentation at the CIHR - Strategic Training Program in Cancer Research and Technology Transfer (CaRTT) and the Department of Oncology - Research and Education Day. Title: Sequence of events that leads to E2F1 degradation during epidermal keratinocyte differentiation.

Singh, R.K. and Dagnino, L. (2011 March). Oral presentation at the 3rd annual Lawson Research Day (London Convention Center). Title: Understanding the signaling pathway to E2F1 degradation during keratinocyte differentiation.

Singh R.K. and Dagnino, L. (2011 March). Poster presentation at the 31st Annual Great Lakes Mammalian Development Meeting (University of Toronto Conference Center). Title: Regulation of E2F1 turnover during epidermal keratinocyte differentiation.

Singh, R.K. and Dagnino, L. (2010 November). Poster presentation at the J.A.F Stevenson Memorial Lecture and The 5th Annual Department of Physiology and Pharmacology Research Day (University of Western Ontario, London). Title: Regulation of E2F1 turnover through post-translational modification.

Singh, R.K. and Dagnino, L. (2010 May) Poster presentation at Developmental Biology Research Day (University of Western Ontario, London). Title: Transcription factor E2F1 regulates epidermal keratinocyte differentiation through post-translational modification.

Singh, R.K. and Dagnino, L. (2010 March) Poster presentation at Margaret Moffat Research Day (University of Western Ontario, London). Title: Post-translational modification of transcription factor E2F1 regulates epidermal keratinocyte differentiation.

Singh, R.K. and Dagnino, L. (2010 March) Poster presentation at the 30th Annual Great Lakes Mammalian Development Meeting (University of Toronto Conference Center). Title: Post-translational modification of transcription factor E2F1 regulates epidermal keratinocyte differentiation.

Awardee's Name: Siu, King Sun

King Sun Siu, Di Chen, Xiufen Zheng, Xusheng Zhang, Yanling Liu, Ken Yuan, James Koropatnick, Elizabeth R. Gillies and Wei-Ping Min. Topical siRNA delivery with a novel non-covalently functionalized single-walled carbon nanotube for melanoma gene regulation, submitted to International Journal of Cancer. (90%)

King Sun Siu, Di Chen, Xiufen Zheng, Xusheng Zhang, Yanling Liu, Ken Yuan, James Koropatnick, Elizabeth R. Gillies and Wei-Ping Min. Single-walled carbon nanotubes non-covalently functionalized with lipid modified polyethylenimine for siRNA delivery in vitro and in vivo, submitted to Bioconjugate Chemistry. (80%)

King Sun Siu, Di Chen, Xiufen Zheng, Xusheng Zhang, Yanling Liu, Ken Yuan, James Koropatnick, Elizabeth R. Gillies and Wei-Ping Min. Targeted siRNA delivery with a folic acid conjugated single-walled carbon nanotube for melanoma therapy. Manuscript in preparation. (70%)

Jiang N, Zhang X, Zheng X, Chen D, Zhang Y, Siu LK, Xin HB, Li R, Zhao H, Riordan N, Ichim TE, Quan D, Jevnikar AM, Chen G, Min W. Induction of alloimmune tolerance in heart transplantation through gene silencing of TLR adaptors, 2012, Am J Transplant. (Jul 23 2012, 12: 2675–2688) (30%)

Rong Li, Xiufen Zheng, Igor Popov, Xusheng Zhang, Hongmei Wang, Motohiko Suzuki, Rosalia De Necochea-Campion, Peter W French, Di Chen, Leo Siu, David Koos, Robert D Inman and Wei-Ping Min. Gene silencing of IL-12 in dendritic cells inhibits autoimmune arthritis, 2012, Journal of Translational Medicine (20%)

Jiang N, Zhang X, Zheng X, Chen D, Zhang Y, Siu LK, Xin HB, Li R, Zhao H, Riordan N, Ichim TE, Quan D, Jevnikar AM, Chen G, Min W. Title: Targeted gene silencing of TLR4 using liposomal nanoparticles for preventing liver ischemia reperfusion injury; Am J Transplant. 2011 Sep;11(9):1835-44 (30%) (TOP 5 JOURNAL)

Rong Li, Xiufen Zheng, Igor Popov, Xusheng Zhang, Hongmei Wang, Motohiko Suzuki, Rosalia De Necochea-Campion, Peter W French, Di Chen, Leo Siu, David Koos, Robert D Inman and Wei-Ping Min Title: Gene silencing of IL-12 in dendritic cells inhibits autoimmune arthritis; Journal of Translational Medicine 2012, 10:19 (20%)

Xusheng Zhang, Marianne Beduhn, Xiufen Zheng, Dameng Lian, Di Chen, Rong Li, Leo KS Siu, Thomas E Ichim, and Wei-Ping Min Title: Induction of alloimmune tolerance in heart transplantation through gene silencing of TLR adaptors; Am J Transplant. 2012 Jul 23 12: 2675–2688 (20%) (TOP 5 JOURNAL)

Topical siRNA Delivery with a Novel Non-covalent Functionalization of Single-walled Carbon Nanotubes for Melanoma Therapy (Poster, Oncology Research & Education Day, 2013)

Topical siRNA Delivery with a Novel Non-covalent Functionalization of Single-walled Carbon Nanotubes for Melanoma Therapy (Oral, Annual Pathology Research Day, 2013)

A Novel Non-covalent Functionalization of Single Walled Carbon Nanotubes for siRNA Delivery (Poster, Oncology Research & Education Day, 2012)

A Novel Non-covalent Functionalization of Single Walled Carbon Nanotubes for siRNA Delivery (Poster, London Health Research Day, 2012)

A Novel Non-covalent Functionalization of Single Walled Carbon Nanotubes for siRNA Delivery (Poster, Oncology Research & Education Day, 2011)

A Novel Non-covalent Functionalization of Single Walled Carbon Nanotubes for siRNA Delivery (Poster, Margaret Moffat Research Day, 2011)

A Novel Non-covalent Functionalization of Single Walled Carbon Nanotubes for siRNA Delivery (Poster, Lawson Research Day, 2012)

A Novel Non-covalent Functionalization of Single Walled Carbon Nanotubes for siRNA Delivery (Poster, London Health Research Day, 2012)

A Novel Non-covalent Functionalization of Single Walled Carbon Nanotubes for siRNA Delivery (Poster, Margaret Moffat Research Day, 2011)

A Novel Non-covalent Functionalization of Single Walled Carbon Nanotubes for siRNA Delivery (Poster, Lawson Research Day, 2012)

Awardee's Name: Stewart, Michael

Stewart MKG, Plante I, Bechberger JF, Naus CC, Laird DW. Mammary gland specific knockdown of the physiological surge in Cx26 during lactation retains normal mammary gland development and function. PLoS ONE 9(7): e101546. doi:10.1371/ journal.pone.0101546 % Contribution: 70%

Stewart, MKG., Gong X., Barr KJ., Bai D., Fishman GI., Laird DW. The severity of mammary gland developmental defects is linked to the overall functional status of Cx43as revealed by genetically-modified mice. Biochem J. 449(2):401-13, 2013.

Plante, I., Stewart, M. K., Laird , D. W. Evaluation of Mammary Gland Development and Function in Mouse Models. J. Vis. Exp. (53), e2828, DOI: 10.3791/2828 (2011). % Contribution: 33%

Plante I, Stewart MKG, Barr K, Allan AL, Laird DW. Cx43 suppresses mammary tumor metastasis to the lung in a Cx43 mutant mouse model of human disease. Oncogene. (30), 1681–1692, 2011. % Contribution: 25% (TOP 5 JOURNAL)

Oral Presentations:
Stewart MKG, Bechberger JF, Plante I, Naus CC, and Laird DW. Connexins in Mammary Gland Development and Tumourigenesis. Oncology Research and Education Day, June 20, 2014, London, ON, Canada

Stewart, MKG., Gong X., Barr KJ., Bai D., Fishman GI., Laird DW. Mammary gland defects as revealed by genetically-modified mice harboring an oculodentodigital dysplasia-linked Cx43 mutant. American Society of Cell Biology, December 15-19 2012, San Francisco, CA, U.S.A.

Michael K. G. Stewart, Kevin Barr, Glenn I. Fishman, Dale W. Laird. The Cx43 I130T mutant delays mammary gland development while not affecting mammary gland function in a mouse model of Oculodentodigital dysplasia. Gap Junction Research Forum, January 27, 2012, London, ON,Canada.

Poster Presentations: (Underline Represents Presenter)
Stewart MKG, Plante I, Bechberger JF, Naus CC, and Laird DW. Mammary gland specific knockdown of the physiological surge in Cx26 during pregnancy retains normal mammary gland development and function. International Gap Junction Conference 2013, July 13-18 2013, Charleston, South Carolina, U.S.A

Stewart MKG, Plante I, Bechberger JF, Naus CC, and Laird DW. Mammary gland specific knockdown of the physiological surge in Cx26 during pregnancy retains normal mammary gland development and function: Implications in Tumorigenesis. Oncology Research and Education Day, June 21, 2013, London, ON, Canada

Stewart, MKG., Gong X., Barr KJ., Bai D., Fishman GI., Laird DW. Mammary gland defects as revealed by genetically-modified mice harboring an oculodentodigital dysplasia-linked Cx43 mutant. American Society of Cell Biology, December 15-19 2012, San Francisco, CA, U.S.A.

Podder S., Stewart M.K.G., Shao Q., Laird D.W. Pannexin 1 Expression Reduces Tumourigenic Properties in Human Breast Cancer Cells. The Canadian Undergraduate Conference on Healthcare, November 16-18 2012, Kingston, ON, Canada.

Stewart, MKG., Gong X., Barr KJ., Bai D., Fishman GI., Laird DW. The severity of mammary gland developmental defects is linked to the overall functional status of Cx43 as revealed by genetically-modified mice. Physiology and Pharmacology Research day, November 6 2012, London, ON, Canada

Michael K.G. Stewart, Kevin Barr, Glenn I. Fishman, Dale W. Laird. Impaired Mammary GlandDevelopment in a mouse model of Oculodentodigital Dysplasia. Oncology Research and Education Day, June 22, 2012, London, ON, Canada

Dale W. Laird, Michael K.G. Stewart, Kevin Barr, Alison L. Allan and Isabelle Plante. Cx43Suppresses Mammary Tumor Metastasis to the Lung in a Cx43 Mutant Mouse Model of Human Disease. BIT 4th World Cancer Congress-Breast Cancer Conference, November 16-18 2011, Guangzhou, China

Michael K.G. Stewart, Isabelle Plante, Kevin Barr, John F. Bechberger, Glen I. Fishman, Chris C. Naus and Dale W. Laird. Impaired mammary gland differentiation in connexin mutant mice. International Gap Junction Conference 2011, Aug 6-11 2011, Ghent, Belgium

Michael K.G. Stewart, Isabelle Plante, Kevin Barr, John F. Bechberger, Glen I. Fishman, Chris C. Naus and Dale W. Laird. Impaired mammary gland differentiation in connexin mutant mice. Oncology Research and Education Day, June 17 2011, London, ON, Canada

Dale W. Laird, Silvia Penuela, and Michael K.G. Stewart. Cell-Cell Communication in Health and Disease. Canada Research Chair Conference, November 25 2010, Toronto, ON, Canada

Isabelle Plante, Michael K. G. Stewart, Kevin Barr, Alison Allan and Dale W. Laird. Mammary Gland Tumor Onset is Delayed in Cx43 Mutant Mice, but Metastasis to the Lungs is Enhanced. The EMBO Meeting 2010, September 4-7 2010, Barcelona, Spain

Isabelle Plante, Michael K. G. Stewart, Kevin Barr, Alison Allan and Dale W. Laird. Cx43 Mutant Mice Show Delayed Onset of Palpable Mammary Gland Tumors but Are More Susceptible to Lung Metastasis. Oncology Research and Education Day, June 18 2010, London, ON, Canada

Isabelle Plante, Kevin Barr, Michael K. G. Stewart, Alison Allan and Dale W. Laird. Cx43 Mutant Mice Show Delayed Formation of Palpable Mammary Gland Tumors but Are More Susceptible to Lung Lesions. AACR 101st Annual Meeting, April 17-21, 2010, Washington, DC, USA

Awardee's Name: Sykelyk, Alex

Sykelyk A, Ferguson PJ, Koropatnick J. (2010) Use of an oncolytic adenovirus (dl1520) in vitro to enhance anticancer chemotherapy. Poster Presentation: Department of Oncology Annual Research & Education Day, London ON.

A Sykelyk, P Ferguson, J Koropatnick. (2009) ONYX-015, an oncolytic adenovirus for enhancement of conventional chemotherapy. London Health Sciences Center's Lawson Health Research Institute Research Day.

A Sykelyk, P Ferguson, J Koropatnick. (2009) ONYX-015, an oncolytic adenovirus for enhancement of conventional chemotherapy. CIHR-STP Cancer Research and Technology Transfer's Oncology Research and Education Day.

A Sykelyk, P Ferguson, J Koropatnick. (2009) Use of an oncolytic adenovirus (ONYX-015) in vitro to enhance chemotherapy. EORTC-NCI-AACR International Symposium on Molecular Targets and Cancer Therapeutics.

A Sykelyk, P Ferguson, J Koropatnick. (2010) Use of an oncolytic adenovirus (ONYX-015) in vitro to enhance chemotherapy. London Health Sciences Center's Lawson Health Research Institute Research Day.

Awardee's Name: Symonette, Caitlin

Symonette CJ, Kaur Mann A, Tan XC, Tolg C, Ma J, Perera F, Yazdani A, Turley EA. Hyaluronic-phosphatidylethanolamine polymers form pericellular coats on keratinocytes and promote basal keratinocyte proliferation. Biomed Res Int. 2014, Article ID 727459, 14 pages. (75%)

Lutz K, Symonette C, Yeoh K, MacDermid JC, Grewal R. Complications associated with operative versus non-operative treatment of distal radius fractures in patients aged 65 years and older. Journal of Hand Surgery 2014: 39(7): 1280-1286. (30%)

Symonette CJ, MacDermid J, Grewal R. Emotional support contributes to outcomes following distal radius fractures. Rehabil Res Pract. 2013; 2013: 867250. (90%)

Symonette CJ, Gan BS. Computed tomography-based vascular imaging in autologous breast reconstruction: a Canadian perspective. Canadian Journal of Plastic Surgery. Spring 2013. 21(1): 11. (90%)

Symonette CJ, Adams PC. Do all hemochromatosis patients have the same origin? A pilot study of mitochondrial DNA and Y-DNA. Can J Gastroenterol 2011:25(6): 324-326. (80%)

Symonette CJ, Doherty TJ. Response to Haran's comments re: Muscle strength and fatigue in patients with generalized myasthenia gravis (Letter). Muscle and Nerve 2010: 43: 145-146. (100%)

Symonette CJ, Watson BV, Koopman WJ, Nicolle MW, Doherty TJ. Muscle strength and fatigue in patients with generalized myasthenia gravis. Muscle and Nerve 2010: 41(3): 362-369. (80%)

Symonette CJ, Kaur Mann A, Tan XC, Tolg C, Ma J, Perera F, Yazdani A, Turley EA. Quantifying skin changes after topical treatment with a novel Hyaluronic Acid-Phosphatidylethanolamine cream in a murine model. Canadian Society of Plastic Surgeons Annual Meeting, June 26th, 2014, Montreal, Quebec, Canada.

Symonette CJ, MacDermid J, Grewal R. Social Support Predicts Outcomes following Distal Radius Fractures across the Lifespan. Canadian Orthopaedic Association (COA) 66th Annual Meeting, July 7-9th, 2011, St. John's, Newfoundland and Labrador, Canada (High scoring poster)

Symonette CJ and Adams P. Do all hemochromatosis patients have the same ancestry? 2010 Canadian Digestive Week (CDDW) and Annual CASL Winter Meeting. February 27th, 2010, Toronto, Ontario, Canada

"Hyaluronic Acid-Phosphatidylethanolamine Cream: a novel skin care technology". Canadian Society of Plastic Surgeons Annual Meeting. May 31st, 2013, Calgary, Alberta, Canada.

"Surgical Decompression of the Burned Upper Extremity". Plastic Surgery Burn Rounds, October 5th, 2011, Calgary, Alberta, Canada

"Social Support Predicts Outcomes following Distal Radius Fractures across the Lifespan". 3rd Canadian National Medical Student Research Conference, June 7-9th, 2011, Winnipeg, Manitoba, Canada

"Maude Abbott". History of Medicine 18th Annual Conference, March 6th-7th, 2009, Faculty of Medicine-University of Calgary, Alberta, Canada

Awardee's Name: Talluri, Srikanth

Srikanth Talluri, Christian E. Isaac, Mohammad Ahmad, Shauna A. Henley, Sarah M. Francis, Alison L. Martens, Rod Bremner, and Frederick A Dick. A G1 checkpoint mediated by the retinoblastoma protein that is dispensable in terminal differentiation but essential for senescence. Mol Cell Biol. 2010 Feb 30(4):948-60. (TOP 5 JOURNAL)

Srikanth Talluri and Frederick A. Dick. Regulation of transcription and chromatin structure by pRB. Here, there and everywhere Sep1, 2012, Cell Cycle11:17, 3189-3198 (TOP 5 JOURNAL)

A G1 checkpoint mediated by the retinoblastoma protein that is dispensable in development but essential for senescence. Srikanth Talluri, Christian E. Isaac, Mohammad Ahmad, Shauna A. Lee, Sarah M. Francis, Alison L. Martens, Rod Bremner, and Frederick A. Dick. Oncology R&E day 2010.

Role of Retinoblastoma protein chromatin regulation in cellular senescence and tumor suppression
Srikanth Talluri, Christian E. Isaac, Alison L. Martens and Frederick A. Dick Oncology R&E day 2011.
Role of chromatin regulation in retinoblastoma protein mediated tumor suppression
Srikanth Talluri, Christian E. Isaac, Alison L. Martens and Frederick A. Dick. Epigenetics Conference May 2011.

Role of Retinoblastoma protein LXCXE type interactions in cellular senescence and tumor suppression
Srikanth Talluri, Christian E. Isaac, Alison L. Martens and Frederick A. Dick. DNA Tumor Virus meeting July 2011. (Oral Presentation)

The pRB DLXCXE mutation compromises heterochromatin assembly and senescence arrest in vitro, but reduces lung tumor incidence in vivo
Srikanth Talluri, Alison L. Martens and Frederick A. Dick. Mechanisms & models of cancer Aug 2012.

Awardee's Name: Taylor, Meghan

Taylor, M., Dieters-Castator, D., Postovit, L.M. (2010) Hypoxia up-regulates Nodal expression via the Notch and HIF-1 signalling pathways in poorly metastatic cancer cells. Oral Presentation. Department of Oncology Research and Education Day, London ON

Quail, DF*, Taylor, M*, Walsh, LJ*, et al. (2011) Low oxygen levels induce the expression of the embryonic morphogen Nodal. Molecular Biology of the Cell 2011 Dec;22(24):4809-21. *Equal first-authorship

Awardee's Name: Thind, Kundan

Magnetic Resonance in Medicine, October 2012. Published: Detection of Radiation-induced Lung Injury using Hyperpolarized 13C Magnetic Resonance Spectroscopy and Imaging. Kundan Thind*, Albert Chen, Lanette Friesen-Waldner, Alexei Ouriadov, Timothy Scholl, Matthew Fox, Eugene Wong, Jake VanDyk, Andrew Hope, and Giles Santyr.doi/10.1002/mrm.24525

Canadian Association of Radiation Oncology - Canadian Organization of Medical Physicists, September 2013. Mapping changes in lactate-to-pyruvate signal ratio using hyperpolarized 13C-pyruvate in early Radiation Induced Lung Injury post conformal radiotherapy of the lung. Kundan Thind*, Elaine Hegarty, Albert Chen, Heeseung Lim, Francisco Martinez, Michael Jensen, Eugene Wong, Timothy Scholl, Giles Santyr.

10th Annual CIHR Strategic Training Program in Cancer Research and Technology Transfer Research and Education day, June 2013. Detecting early metabolic changes in Radiation Induced Lung Injury using hyperpolarized 13C-pyruvate post conformal radiotherapy of the lung. Kundan Thind*, Michael Jensen, Elaine Hegarty, Albert Chen, Heeseung Lim, Francisco Martinez, Jake VanDyk, Eugene Wong, Timothy Scholl, Giles Santyr.

The Third International Workshop on Metabolic Imaging, July 2012.
Quantification of pH in the rat thorax using hyperpolarized 13C-bicarbonate.
Kundan Thind*, Francisco Martinez, Albert Chen, Alexei Ouriadov, Timothy Scholl and Giles Santyr.

Imaging Network of Ontario, February 2012.
Measurement of pH using hyperpolarized 13C Magnetic Resonance Spectroscopy. Kundan Thind*, Francisco Martinez, Albert Chen, Alexei Ouriadov, Timothy Scholl and Giles Santyr.

Awardee's Name: Thwaites, Michael

Cecchini MJ, Thwaites MJ, Talluri S, MacDonald JI, Passos DT, Chong JL, Cantalupo P, Stafford PM, Sáenz-Robles MT, Francis SM, Pipas JM, Leone G, Welch I, Dick FA. (2014) A retinoblastoma allele that is mutated at its common E2F interaction site inhibits cell proliferation in gene-targeted mice. Mol Cell Biol. 2014 Jun;34(11):2029-45. Contribution: 30%

Forristal C, Henley SA, MacDonald JI, Bush JR, Ort C, Passos DT, Talluri S, Ishak CA, Thwaites MJ, Norley CJ, Litovchick L, DeCaprio JA, DiMattia G, Holdsworth DW, Beier F, Dick FA. (2014) Loss of the Mammalian DREAM Complex Deregulates Chondrocyte Proliferation. Mol Cell Biol. 2014 Jun 15;34(12):2221-34. Contribution: 10%

Thwaites, M., Cecchini, M.J. and Dick, F.A. (2014) Analyzing RB and E2F during the G1-S transition. In "Cell Cycle Control: Mechanisms and Protocols," 2nd Edition. (E. Noguchi and M. Gadaleta ed.) Humana Press. Methods Mol Biol. 2014;1170:449-61 Contribution: 90%

Thwaites, M., Cecchini, M.J., Passos, D.T., Talluri, S., Chong, J.-L., Cantalupo, P., Saenz- Robles, M.T., Francis, S.M., Stafford, P., Carnevale, J., Pipas, J.M., Leone, G., Welch, I., and Dick, F.A. (2013) pRB mediates cell cycle control and tumor-suppression through both E2F repression and CDK regulation in a redundant manner. Third International Retinoblastoma Meeting, Monterey, California, October 2013.

Cecchini, M.J., Passos, D.T., Thwaites, M., Talluri, S., Chong, J.-L., Cantalupo, P., Saenz- Robles, M.T., Francis, S.M., Stafford, P., Carnevale, J., Pipas, J.M., Leone, G., Welch, I., and Dick, F.A. (2013) The retinoblastoma pathway

utilizes a syncretic mechanism to suppress tumourigenesis through both E2F repression and CDK regulation. Cancer Genetics and Epigenetics, Lucca, Italy, April 2013.

Cecchini, M.J., Passos, D.T., Thwaites, M., Talluri, S., Welch, I., and Dick, F.A. (2012) Tumor suppression by the retinoblastoma protein in the absence of E2F transcriptional regulation. Mechanisms and Models of Cancer, Cold Spring Harbor, NY, August 2012.

Cecchini, M.J., Passos, D.T., Thwaites, M., Talluri, S., Welch, I., and Dick, F.A. (2012) Tumor suppression by the retinoblastoma protein in the absence of E2F transcriptional regulation. Cell Cycle, Cold Spring Harbor, NY, May 2012. (Abstract selected for oral presentation)

Thwaites M, Hill KA. Cerebellar neurodegeneration in the harlequin mouse is correlated with Aif transcript levels and mediated by parainflammation. Lawson Health Research Institute Research Day. London, Ontario, March 2011.

Awardee's Name: Tong, Jessica

Rytelewski, M., Tong, J., Buensucesco, A., Leon, H., Maleki-Vareki, S., Figueredo, R., Di Cresce, C., Wu, S., Herbrich, S., Baggerly, K., Romanow, L., Shepherd, T., Deroo, B., Sood, A., Chambers, A., Vincent, M., Ferguson, P., "BRCA2 inhibition enhances cisplatin-mediated alterations in tumor cell proliferation, metabolism, and metastasis", Molecular Oncology, 2014; Article in Press (15% contribution)

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Correa, R. J., Komar, M., Tong J. G. K., Sivapragasam, M., Rahman, M. M., McFadden, G., Dimattia, G. E., Shepherd, T. G., "Myxoma virus-mediated oncolysis of ascites-derived human ovarian cancer cells and spheroids is impacted by differential AKT activity", Gynecol Oncol, 2012; 125(2): 441-50 (25% contribution)

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Jessica G.K., Tong, Milani Sivapragasam, John C. Bell, Grant McFadded, David Stojdl, Gabriel DiMattia, Trevor G. Shepherd (2014). Differential viral oncolytic efficacy is impacted by tumour heterogeneity using a three-dimensional model of ovarian cancer metastasis. Poster Presentation:7th Canadian Conference on Ovarian Cancer Research, Victoria, BC.

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Jessica G.K., Tong, Milani Sivapragasam, John C. Bell, Grant McFadded, David Stojdl, Gabriel DiMattia, Trevor G. Shepherd (2013). Cross-comparison of oncolytic viruses using a three-dimensional in vitro model of ovarian cancer metastasis. Poster Presentation: Anatomy & Cell Biology Research Day, London, ON.

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Awardee's Name: Tritter, Amelia

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Nicotine Replacement Therapy and Exercise as Cessation Aids in Women Attempting to Quit Smoking. Poster presented at the Society for Research on Nicotine and Tobacco Annual International Meeting, Boston, Massachusetts.

Fong, A., De Jesus, S., Tritter, A., Fitzgeorge, L., & Prapavessis, H. (2013, March). Implications of Weight

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Awardee's Name: Tutunea-Fatan, Elena

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Presentations:
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The microbiome of breast tissue and the implications for health and disease. (Canadian Society of Microbiology Student Oral Symposium, Montreal, Canada)

Urbaniak C, Brackstone M, Scott L, Burton JP, Reid G. The potential role of bacteria in modulating the risk of breast cancer development or progression (Oncology Education and Research Day, London, Canada).

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Ahmadipour F, Vakili T, Absalan A, Mohiti–Ardakani J, Hadinedoushan H, Khlili M, Pourrajab F, " C2C12 Cell Line Is a Good Model to Explore the Effects of Herbal Extracts on GLUT4 Expression and Translocation". Iranian journal of diabetes and obesity. 2012, 4(4): 143-151.

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Awardee’s Name: Xhaferllari, Ilma

Xhaferllari, J. Chen, M. MacFarlane, E. Yu, S. Gaede "Dosimetric planning study of respiratory- gated VMAT for treating early-stage lung cancer with SBRT", Accepted to Practical Radiation Oncology, August 11, 2014

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Presentations:
I. Xhaferllari, G. Hajdok, O. El-Sherif, J. Patrick, S. Gaede "Cone-Beam CT during TrueBeam Arc Treatment Delivery-Phantom study" Presented as a poster presentation at the Oncology Research and Education Day. 2014

I. Xhaferllari, S. Gaede "Evaluation of real-time kV imaging for TrueBeam deliveries” Presented as a poster presentation at the London Health Research Day, London, ON. 2014

I. Xhaferllari, M. Mulligan S. Gaede "Evaluation of during treatment kV imaging for gated SBRT verification” Presented as a poster presentation at the 2013 CARO-COMP Joint Scientific meeting, Montreal, QC. 2013

I. Xhaferllari, M. Mulligan, S. Gaede "Quantifying image quality of during treatment kV imaging for TrueBeam treatments" Presented as a poster presentation at the Oncology Research and Education Day. 2013

I. Xhaferllari, S. Gaede "Respiratory-Gated VMAT: Radiation treatment planning study and delivery verification" Presented as an oral presentation at Medical Biophysics Seminars, London, ON, 2013

I. Xhaferllari, O. El-Sherif, S. Gaede "Analysis of the distribution of dose delivery during respiratory-gated step-and-shoot IMRT for lung cancer radiotherapy" Presented as a poster presentation at the 2012 COMP meeting, Halifax, NS. 2012

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I. Xhaferllari, K. Bzdusek, E. Wong, J.Z. Chen “Automated Planning of IMRT”. Presented as a poster at Lawson Research Day, Margaret Moffat Day. 2011

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I. Xhaferllari, “How Holography Works?”, Presentation and experiments done for grade 12 students and teachers at Forester High School in Windsor, ON. 2010

I. Xhaferllari, “One Button IMRT Planning”, Presentation at London Regional Cancer Program for department of radiation oncology and physics. 2009

I. Xhaferllari, S. Gaede "Evaluation of real-time kV imaging for TrueBeam deliveries” Presented as a poster presentation at the London Health Research Day, London, ON. 2014

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Awardee’s Name: Yeung, Timothy Pok Chi

Yeung TPC, Dekaban M, De Haan N, Morrison L, Hoffman L, Chen X, Yartsev S, Bauman G, Lee TY. Improving quantitative CT perfusion parameter measurements using principal component analysis. Academic Radiology. 2014;21:624-632.

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Invited Presentations to Scientific Audience
Yeung TPC. Brainwashed: Brain perfusion imaging. London Regional Cancer Program Physics Seminar. February 5, 2013.

Yeung TPC. CT perfusion imaging of brain tumours: From technical improvements to preclinical and clinical imaging. Princess Margaret Cancer Centre Physics Seminar. November 05, 2013.

Yeung TPC. Serendipity: Lessons from CT perfusion imaging of brain tumors. The Alan C. Burton Day. March 21, 2013.

Oral Presentations:
Yeung TPC, De Haan N, Dekaban M, Morrison L, Hoffman L, Yartsev, Bauman G, Lee TY. Improving CT perfusion image quality using principal component analysis. Radiological Society of North America (RSNA) 99th Scientific Assembly and Annual Meeting. Chicago, United States of America. (01/12/2013-06/12/2013).

Yeung TPC, Al-Khazraji B, Morrison L, Hoffman L, Jackson D, Lee TY, Bauman G, and Yartsev S. Monitoring vascular response to stereotactic radiosurgery in a brain tumor model using CT perfusion. 2013 Canadian Association of Radiation Oncology-Canadian Organization of Medical Physicists (CARO-COMP) Joint Scientific Meeting. Montreal, Canada. (18/09/2013-21/09/2013).

Yeung TPC, Baraa Al-Khazraji, Laura Morrison, Lisa Hoffman, Dwayne Jackson, Ting-Yim Lee, Slav Yartsev, Glenn Bauman. The effect of Bevacizumab on brain tumor perfusion. The 10th Oncology Research and Education Day. London, Canada. (21/06/13). Book of abstract: page 8.

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Poster Presentations:
Yeung TPC, Kurdi, M, Al-Khazraji B, Morrison L, Hoffman L, Jackson D, Crukley C, Lee TY, Bauman G, Yartsev S. CT perfusion Assessment of Vascular Changes and Response to Stereotactic Radiosurgery in a Rat Glioma Model. The 11th Annual Oncology Research and Education Day, London, Ontario. (20/06/2014)

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Yeung TPC, Dekaban M, De Haan N, Morrison L, Hoffman L, Bureau Y, Chen X, Yartsev S, Bauman G, Lee TY. Improving contrast-to-noise ratio of dynamic contrast-enhanced computed tomography (DCE-CT) images. The 12th Imaging Network Ontario Symposium. Toronto, Canada. (24/03/2014-25/03/2014).

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Yeung TPC, Fainardi E, Yartsev S, Bauman G, Lee TY. Serial CT Perfusion Imaging of Malignant Glioma. The 9th Annual Oncology Research and Education Day. London, Ontario, Canada (22/06/2012).

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Yeung TPC, Wong, E, Lee TY, Yartsev S, Bauman G. “Initial findings of perfusion and metabolism imaging of malignant glioma in radiation therapy”. The 7th Annual Oncology Research and Education Day, London, Canada. (18/06/2010).

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Yeung TPC, Yartsev S, Rodrigues G, & Bauman G. “Characterization and predication of patient positioning corrections evaluated with daily image-guidance for prostate cancer treatments using helical tomotherapy”. The Oncology Research & Education Day. London, Canada. (12/06/2009).

Yeung TPC, Lee M, Kim S, Dawson L, Eccles C, Coolens C, and Yeung I. “Assessment of irradiated malignant and liver tissue perfusion by dynamic contrast-enhanced computed tomography (DCE-CT) using a dual-input two-compartment model”. University of Toronto, Department of Radiation Oncology Research Day, Toronto, ON. (09/05/2009).

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Coschi C, Jensen M, Vareki SM, Yeung TPC. “Progress and Promise in Cancer Research: Hope for the Future”. Canadian Cancer Society Southwest Region All Staff Annual Meeting, October 19, 2011, London, Canada.

Coschi C, Jensen M, Vareki SM, Yeung TPC. “Progress and Promise in Cancer Research: Hope for the Future”. Canadian Cancer Society, Essex Unit – Fueling the Mission Volunteer Leadership Conference, February 4, 2012, Windsor, Canada.

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Awardee’s Name: Zukowski, Stephanie

Poster Presentation Abstract Submitted to the 2012 Oncology Research and Education Day (June 21, 2013) entitled “Developing FRET biosensors to monitor CK2 activity and caspase cleavage in mammalian cells”. (Department of Oncology, University of Western Ontario)

Poster Presentation at the 2013 London Health Research Day (March 19, 2013) entitled “Developing FRET biosensors to monitor CK2 activity and caspase cleavage in mammalian cells”. (Schulich School of Medicine & Dentistry, University of Western Ontario)

Poster Presentation at the 2012 Oncology Research and Education Day entitled “Designing a dual-reporter system to investigate the relationship between CK2 phosphorylation and caspase cleavage in apoptosis” (Department of Oncology, University of Western Ontario)

Poster Presentation at the Biochemistry Research Showcase entitled “Designing a dual-reporter system to investigate the relationship between CK2 phosphorylation and caspase cleavage in apoptosis” (Department of Biochemistry, University of Western Ontario)

Poster Presentation at the Biochemistry Research Showcase entitled “Characterization of the Role of Quinone Reductase 2 in Response to Protein Kinase Inhibitors” (Department of Biochemistry, University of Western Ontario)

Oral Presentation for the Biochemistry Graduate Student Seminar Series entitled “Developing FRET biosensors to monitor CK2 activity and caspase cleavage in mammalian cells”. (Department of Biochemistry, University of Western Ontario)

Poster Presentation at the 2013 London Health Research Day (March 19, 2013) entitled “Developing FRET biosensors to monitor CK2 activity and caspase cleavage in mammalian cells”. (Schulich School of Medicine & Dentistry, University of Western Ontario)