

PaLM post

May - August 2014



check out our new website,
www.schulich.uwo.ca/pathol

IT'S OFFICIAL!

Effective immediately the name of our department has changed to the Department of Pathology and Laboratory Medicine. Our new name better reflects the the diverse scope of our constituents and academic programs. The change will also align the Department's name with our clinical department at our London Hospitals. The name change will improve public understanding and will be consistent with other Canadian university departments.



Moving forward, please ensure you reference the Department using its new name: Department of Pathology and Laboratory Medicine. We ask for your patience as we start the task of updating materials and other communication channels.

Upcoming Events

PhD Public Lecture

September 29, 2014

Pathology Graduate Mixer

September 29, 2014

Graduate Studies in Pathology Lecture Series

October 9, 2014

Pathology Grand Rounds

November 13, 2014

Robert Zong Seminar

December 11, 2014

Pathology Grand Rounds

January 15, 2014

WELCOME

Effective July 1, 2014, eight medical chemists, who already held clinical appointments with the hospital Department of Pathology and Laboratory Medicine, have officially joined our university department as full time academic faculty members. Please join us in welcoming (left to right) Drs. Vipin Bhayana, Liju Yang, Norm Smith, Victor Prabhakaran (no picture), Peter Ainsworth, Tony Rupar, Jack Rip and Angela Rutledge.



A warm Pathology and Laboratory Medicine welcome to our new residents Drs. Sundip Shah (Anatomical Pathology), Matthew Cecchini (Anatomical Pathology) and Huda Alghefari (Neuropathology). Please also join us in welcoming our new clinical fellows Drs. Chaturika Herath (Anatomical Pathology), Amir Salehi (Anatomical Pathology) and Arunee Singhsnaeh (Neuropathology).

The department extends a warm welcome to the following new students in our graduate programs:

Research-based Graduate Program

- Andrew Gordon, MSc Candidate - Supervisor Dr. Subrata Chakrabarti
- Natalie Montwill, MSc Candidate - Supervisors Drs. ZhuXu Zhang and Anthony Jevnikar
- Niamh Richmond, MSc Candidate - Supervisor Dr. Zia Khan
- James Roos, MSc Candidate - Supervisor Dr. Michael Shkrum
- Mike Tavolieri, MSc Candidate - Supervisor Dr. Michael Strong
- Nikoleta Tellios, MSc Candidate - Supervisor Dr. Sunil Parapuram
- Dr. Lachlan McLean MSc Candidate - Supervisor Dr. Mark Darling

New MCISc-Pathologists' Assistant Students

- Emily Almeida
- Kyle Difazio
- Derek Kleinsteuber
- Chelsea McLeod
- Steffi Stephenson
- Xuseng Zhang

Welcome back to all our returning graduate students and residents. We wish you all the very best for the 2014-15 academic year.

CONGRATULATIONS

Heartfelt congratulations to our three PGY5 (final year) Anatomical Pathology residents, Drs. Murad Alturkustani, Rebekah Jacques and Cady Pocrnich, as well as one of our fellows, Derek Kohler, who all passed the Royal College certification examinations for Spring 2014. This is now the 24th successive year we have had a 100% pass rate for this examination.

Congratulations to all of our Pathology graduates!

King "Leo" Sun Siu was awarded his degree as Doctor of Philosophy at the Western convocation ceremonies held June 12th in Alumni Hall. Congratulations Leo!

Congratulations to our Bachelor of Medical Science Pathology and Toxicology students who received their BMSc degrees: Andrew Arifin, Lacey Brennan, Matthew Chan, Yuxin Chang, Samik Doshi, Anzel Hennop, Dov Kagan, Aaron Leung, Sandra Mekhael, Mian Muhtashim, James Roos, Kelsey Watson, Mei Wen, Mark Woo and Jin Yan. We wish you all the best in your future endeavours.

Special congratulations to Kelsey Watson, who received the Gold Medal for achieving the highest average in the Honours Specialization Program in Pathology and Toxicology and to Swati Chavda, who received the Gold Medal in BMSc Pathology Major.

PUBLICATIONS

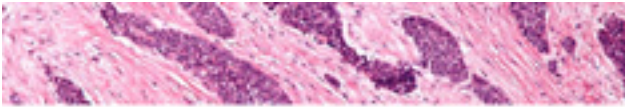
- Moon TC, Campos-Alberto E, Yoshimura T, Bredo G, Rieger AM, Puttagunta L, Barreda D, Befus AD, **Cameron L**. Expression of DP2 (CRTh2), a prostaglandin D2 receptor, in human mast cells. *PLoS One* (accepted for publication August 2014).
- Beaton MD, **Chakrabarti S**, Adams PC. Inflammation is not the cause of an elevated serum ferritin in non-alcoholic fatty liver disease. 2014/05/01. *Ann Hepatol*; 353-6.
- Mortuza R, Feng B, **Chakrabarti S**. miR-195 regulates SIRT1-mediated changes in diabetic retinopathy. 2014/05/01. *Diabetologia*; 1037-46; 10.1007/s00125-014-3.
- Stuart JI, **Delport JA, Lannigan R, Zahariadis G**. Determination of Real-Time Polymerase Chain Reaction Uncertainty of Measurement Using Replicate Analysis and a Graphical User Interface with Fieller's Theorem. 2014/05/01. *Canadian Journal of Infectious Diseases and Medical Microbiology*.
- Mahmoud M, Feagan B, Sandborn W, D'Haens G, Behling C, Kaplan K, **Driman D**, Shackelton L, Baker K, MacDonald J, Vandervoort M, Geboes K, Levesque B. Histologic evaluation of ulcerative colitis: a systematic review of disease activity indices. *Inflm Bowel Dis*. 2014;20:564-75
- Osmond A, Li-Chang H, Kirsch R, Divaris D, Falck V, Liu DF, Marginean C, Newell K, **Parfitt J**, Rudrick B, Sapp H, Smith S, **Walsh J**, Wasty F, **Driman DK**. Interobserver variability in assessing dysplasia and architecture in colorectal adenomas: a multicentre Canadian study. 2014/07/08. *J Clin Pathol*; 10.1136/jclinpath-20.
- Girgis H, Masui O, White NM, Scorilas A, Rotondo F, Seivwright A, **Gabril M**, Filter ER, Girgis AH, Bjarnason GA, Jewett MA, Evans A, Al-Haddad S, Siu KM, Yousef GM. Lactate Dehydrogenase A is a potential prognostic marker in clear cell renal cell carcinoma. 2014/05/05. *Mol Cancer*; 101; 10.1186/1476-4598-13.
- Lau A, Khan K, Pavlosky A, Yin Z, Huang X, **Haig A**, Liu W, Singh B, Zhang ZX, Jevnikar AM.. Serine Protease Inhibitor-6 Inhibits Granzyme B-Mediated Injury of Renal Tubular Cells and Promotes Renal Allograft Survival. 2014/06/10. *Transplantation*; 10.1097/TP.0000000000.
- Lau A, Wang S, Liu W, **Haig A**, Zhang ZX, Jevnikar AM.. Glycyrrhizic Acid Ameliorates HMGB1-Mediated Cell Death and Inflammation after Renal Ischemia Reperfusion Injury. 2014/07. *Am J Nephrol*; 84-95; 10.1159/000364908
- Keats EC, Dominguez JM, Grant MB, **Khan ZA**. Switch from canonical to noncanonical Wnt signaling mediates high glucose-induced adipogenesis. *Stem Cells*. 32: 1649-1660, 2014.
- Kum JJY, **Khan ZA**. Propranolol inhibits growth of hemangioma-initiating cells but does not induce apoptosis. *Pediatr Res*. 75: 381-388, 2014.
- Todorovich SM, **Khan ZA**. Elevated T-box 2 in infantile hemangioma stem cells maintains an adipogenic differentiation-competent state. *Dermatoendocrinol*. 5(3):352-357, 2013.
- Cutz JC, Craddock KJ, Torlakovic E, Brandao G, Carter RF, Bigras G, Deschenes J, Izevbaye I, Xu Z, Greer W, Yatabe Y, Ionescu D, Karsan A, Jung S, Fraser RS, Blumenkrantz M, Lavoie J, Fortin F, Bojarski A, Côté GB, van den Berghe JA, Rashid-Kolvear F, Trotter M, Sekhon HS, Albadine R, Tran-Thanh D, Gorska I, **Knoll JH**, Xu J, Blencowe B, Iafrate AJ, Hwang DM, Pintilie M, Gaspo R, Couture C, Tsao MS (2014). Canadian Anaplastic Lymphoma Kinase Study: A Model for multicenter standardization and optimization of ALK testing in lung cancer. *J Thoracic Oncology* 9(9):1255-1263.
- Rogan PK, Li Y, Wickramasinghe A, Subasinghe A, Caminsky N, Khan W, Samarabandu J, Wilkins R, Flegal F, **Knoll JH** (2014). Automating dicentric chromosome detection from cytogenetic biodosimetry data. *Radiation Protection Biodosimetry*, 159, 95-104.
- Cancer Genome Atlas Research Network (affiliated with Ontario Tumour Bank: Bartlett JMS, Kodeeswara S, **Parfitt J**, Sekhon H, Albert M). Comprehensive molecular profiling of lung adenocarcinoma. 2014/07/31. *Nature*; 543-50; 10.1038/nature13385.
- Ramsay DA**. Ethanol, Trauma and the Brain. 2014/06/01. *Academic Forensic Pathology*; 2014 4 (2) 188-197.
- MacMillan CD, Leong HS, Dales DW, Robertson AE, Lewis JD, Chambers AF, **Tuck AB**. Stage of Breast Cancer Progression Influences Cellular Response to Activation of the WNT/Planar Cell Polarity Pathway. 2014/08. *Scientific Reports*.
- Fok TC, Lapointe H, **Tuck AB**, Chambers AF, Jackson-Boeters L, Daley TD, Darling MR.. Expression and localization of osteopontin, homing cell adhesion molecule/CD44, and integrin α 3 in mucoepidermoid carcinoma and acinic cell adenocarcinoma of salivary gland origin. 2014/09/01. *Oral Surg Oral Med Oral Pathol Oral Radiol*; 320-9; 10.1016/j.oooo.2014.
- O'Connor K, **Walsh JC**, Schaeffer DF. Combined hepatocellular-cholangiocarcinoma (cHCC-CC): a distinct entity. 2014/05/01. *Ann Hepatol*; 317-22.
- Yeh DH, Wong J, Hoffbauer S, **Wehrli B**, Sommer D, Rotenberg BW. The utility of routine polyp histopathology after endoscopic sinus surgery. 2014/08/20. *Int Forum Allergy Rhinol*; 10.1002/alar.21378.
- Zuo Y, Wu Y, **Wehrli B, Chakrabarti S, Chakraborty C**. Modulation of ERK5 Is a Novel Mechanism by Which Cdc42 Regulates Migration of Breast Cancer Cells. 2014/08/27. *J Cell Biochem*; 10.1002/jcb.24950.
- Stuart JI, **Delport JA, Lannigan R, Zahariadis G**. Determination of Real-Time Polymerase Chain Reaction Uncertainty of Measurement Using Replicate Analysis and a Graphical User Interface with Fieller's Theorem. 2014/05/01. *Canadian Journal of Infectious Diseases and Medical Microbiology*.
- Wang W, Chen K, Liu Q, Johnston N, Ma Z, Zhang F, **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*. 2014 Jul 16;9(7):e102673.
- Chen K, Ablimit A, Ling F, Wu W, Shan W, Qin W, Keweier T, Zuo H, Zhang F, Ma Z, **Zheng X**. Paternal and maternal genetic analysis of a desert Keriyen population: Keriyans are not the descendants of Guge Tibetans. *PLoS One*. 2014 Jun 26;9(6):e100479.
- Zhang X, Liu Y, Zhang G, Shi J, Zhang X, **Zheng X**, Jiang AT, Zhang ZX, Johnston N, Siu KS, Chen R, Lian D, Koos D, Quan D, Min WP. Synergic silencing of costimulatory molecules prevents cardiac allograft rejection. *J Transl Med*. 2014 May 22;12:142. doi: 10.1186/1479-5876-12-142.
- Maleki Vareki S, Rytelowski 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.

GRANTS

Sincere congratulations to **Dr. Martin Duennwald**, who has been awarded a 5-year CIHR Operating Grant for his project titled "Cellular response to protein misfolding in aging cells." Total award \$522,225.

Congratulations to cross appointee, **Dr. Paul Adams** for his award from the National Institute of Diabetes and Digestive and Kidney Diseases, titled "Genetic Modifies of Iron Status in Hemochromatosis HFE C282Y Homozygotes.

EVENT HIGHLIGHTS



PATHOLOGY UPDATE

Difficult Differentials & Diagnostic Challenges

AWARDS

Distinguished University Professor Emeritus, **Jack Bend, PhD**, was recognized with the University of Manitoba Distinguished Alumni award, Faculty of Pharmacy, 2014.

2014 Certificate of Merit was awarded to **Dr. Michele Weir**, for outstanding contributions to medical education, from Canadian Association for Medical Education.

Dr. Michele Weir and co-chairs (Drs. J. Schmidt & J. Rawlins) received the 2014 HUMEC award for Year 2 Reproduction course (for course & co-chairs).

The Department of Pathology held a successful CME event, Update in Pathology "Difficult differentials and diagnostic challenges" on May 16th, 2014 at the Ivey Spencer Leadership Centre. There were many excellent speakers, including our guest Dr. Jason Hornick from Brigham and Women's Hospital at Harvard University. The program was well attended with over fifty participants.

Graduate BBQ

The Pathology and Laboratory Medicine Graduate Programs had their first Graduate BBQ on Friday, July 11th at the Western Grad Club. It was a fantastic event and a great time was had by all.



Keep The News Coming....

Please send your submission to Mair Hughes
mair.hughes@schulich.uwo.ca

Department of Pathology and Laboratory Medicine
 Schulich School of Medicine & Dentistry Western University