THE ACTIVE SITE DEPARTMENT OF BIOCHEMISTRY NEWSLETTER

THE SCHULICH SCHOOL OF MEDICINE & DENTISTRY

VOLUME 7 | ISSUE 3 | June - July 2016

PEOPLE (AND OTHER) STUFF

Dr. Mike Boffa joined the Biochemistry Dept. on 1 July, moving from his faculty position in the Department of Chemistry and Biochemistry at the University of Windsor, Welcome to Dr. Boffa!

Drs. Ilka Heinemann and Pat O'Donoghue joined Western in 2013 as new faculty members. They have recently published their labs' first research papers:

- * Dr. Heinemann, her graduate student (Christina Chung), and former undergraduate student (David Jo) published their work on the nucleotide specificity of Gld2/TUT2 in <u>RNA</u> in June.
- Dr. O'Donoghue and his graduate student (Susanna George) collaborated with Dr. Gary Shaw and his lab to publish on phospho-ubiquitin variants in <u>FEBS</u> <u>Lett.</u> in May.

Dr. Graeme Hunter retired on 1 July and is now Emeritus Faculty. All the best to Dr. Hunter during his retirement!

Our summer students have been enjoying the monthly pizza lunches at which graduate students and post-docs in the department present their research posters. Our last event, taking place on the morning of 19 August, will feature a poster session given by our BUSRP and BCHM 4483 students. Everyone is welcome to attend and check out the research posters.

PUBLICATIONS from the labs and collaborators of . . .

Drs. Ainsworth, Rupar (next-generation sequencing in gene panel analysis)

Dr. DiMattia (ovarian tumour growth)

Dr. Edgell (I-Tevl cleavage preference)

Dr. Gloor (compositional analysis) (microbiota of breast tissue) (fungal diversity) (protection against C. difficile disease) (oral microbiome of axial spondyloarthritic patients)

Dr. Hegele (severe familial hypercholesterolaemia) (NIH guidelines) (targeting atherogenic dyslipidemia complex) (lipoprotein lipase) (sequencing in French Canadians from Quebec) (statin adverse effects)

Dr. Heinemann (Gld2/TUT2 nucleotide specificity)

Dr. Junop (FimV C-terminal domain)

Dr. Konermann (<u>protein allostery</u>) (<u>metal interactions, collisionally activated proteins</u>)

Dr. Lajoie (GM1 in embryonic cortical neurons)

Dr. Litchfield (CK2 as a target in cancer cells)

Dr. O'Gorman (EPDR1 and myofibroblast contractility)

Dr. Pickering (<u>niacin in peripheral ischemia</u>)

Dr. Rogan (centromere detection) (radiation dose estimation)

See recent publication details.

CONGRATS TO...

- Andrew Maciejewski, Ran Wei on successful PhD defenses; Tam Bui, Alexander McCarton, Joshua Samsoondar, Ruth Wong for successful MSc defenses
- Nileeka Balasuriya for receiving a Gold Award in the <u>CIHR National Student</u> <u>Research Poster Competition</u>
- Katherina Baranova, a former summer student in Dr. Rogan's lab, for being featured in <u>Schulich News</u>
- Tara Condos (Dr. Shaw's lab) for being awarded the 2016 Drs. Madge and Charles Macklin Fellowship for Publication in Medical Sciences (for a doctoral student who publishes their research as a first author in a peer-reviewed journal) (Schulich's GSPA newsletter)
- Dr. Stephanie Dorman (Dr. Rogan's lab) for being awarded the 2016 Dr. William Zaharia Award (for a graduating student for excellence in the Biochemistry PhD Graduate Program)
- Jacqueline Dron for receiving the Best Oral Presentation Award at the Dept. of Medicine Research Day & an MSc Oral Presentation Award at the Robarts Molecular Medicine data club; and for being selected to present her research at the 2016 Robarts Retreat & at the 4th Annual Canadian Human and Statistical Genetics Meeting in Halifax
- Drs. Edgell, Li, and O'Gorman for each receiving CIHR Project Grants and Dr. Litchfield who is co-PI on a successful CIHR Project Grant (PI in Montreal)
- Drs. Haniford and Hunter for 25 years of service at Western
- Dr. Junop for being featured in <u>Schulich's GSPA</u> newsletter
- Dr. Pickering for being re-appointed as Schulich's Barnett-Ivey Heart & Stroke Chair (<u>Schulich News</u>)
- Dr. Rogan for receiving SHARCNET's Dedicated Programming Support



