# THE ACTIVE SITE DEPARTMENT OF BIOCHEMISTRY NEWSLETTER

## THE SCHULICH SCHOOL OF MEDICINE & DENTISTRY

# PEOPLE (AND OTHER) STUFF

Welcome to our new Biochemistry graduate students, including Rose in the Heinemann lab.

The Biochemistry Graduate Student Association (BGSA) was launched recently to improve the overall graduate student experience within the



Dept. of Biochemistry. The 13 students on the council serve on various committees and provide updates to the rest of the council in monthly meetings. So far this term, BGSA has hosted a Q&A session on national scholarship competitions

and organized the "Biochem Mixer" – a fun social event with more than 40 attendees that welcomed the new graduate students to the Dept. Picture courtesy of BGSA.

Our annual pumpkin-carving contest took place on 31 Oct. Thanks to everyone who carved pumpkins and for those who came out to vote. Choosing the winner was difficult because all the pumpkins were outstanding! However, first prize went to the Shaw lab for their Ursula creation (picture courtesy of BGSA). (more pictures)



Dr. Robert (Bob) Cook, Professor Emeritus, passed away on September 16, 2018 (<u>obituary</u>). Bob retired in June 2006 after a long career in the Biochemistry Dept.

#### PUBLICATIONS from the labs and collaborators of...

Dr. Boffa (Lipoprotein(a))

Dr. Brandl (NuA4 at DNA breaks)

Drs. Edgell, Gloor, Junop (<u>Active site of homing endonucleases</u>)

Dr. Gloor (Compositional data analysis in meta-transcriptomics)

Dr. Hegele (<u>Parafibromin-deficient parathyroid carcinoma</u>) (<u>Lipoproteins</u>) (<u>Sex and sex differences in preclinical studies</u>) (<u>Extreme hypertriglyceridemia</u>) (<u>Madelung Disease</u>) (<u>Laminopathy mutations</u>) (<u>Familial hypercholesterolemia in Canada</u>)

(Hypercholesterolemia in Argentina) (PCSK9 in severe familial hypercholesterolemia) (Variants of familial hypercholesterolemia)

Dr. Junop (SNM1A processing of DNA interstrand crosslinks)

Dr. Konermann (Interface of osteoprotegerin dimers)

Dr. Li (Phospholipase C-y(2) mutants) (Native phosphotyrosine signalling in tumours)

Drs. Li and O'Donoghue (Akt1 inhibition)

Dr. Ling (Structure of human pol kappa)

Dr. Penner (Aptamers for LDL-particle quantification)

Dr. Rogan (BRCA1 and 2 variants)

Dr. Shilton (Cx50 gap junctions)

Dr. Siqueira (Proteomics of root canal contents) (Methacrylate resins and esterase)

Dr. Turley (<u>Statistical tools for detection of mutations</u>) (<u>RHAMM protein and new therapeutics</u>) (<u>Corrigendum</u>)

Dr. Yeung (<u>Chloroquine effects after stroke in rat</u>)

See publication details.

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#### **CONGRATS TO...**

Lauren Seidl for a successful MSc defense

Matthew Berg, Karen Dunkerley, Jeremy Lant, Chris Leichthammer, and Matthew Maitland for receiving NSERC Graduate Scholarships

Karen Dunkerley for receiving 1st place in the poster competition in Biochemistry's Fall Graduate Symposium

Jeremy Lant and Sanna Abbasi for receiving 1st and 2nd place, respectively, for their talks in Biochemistry's Fall Graduate Symposium

Dr. Bhayana for receiving the 2018 Lifetime Achievement Award from the Ontario Society of Clinical Chemists (<u>Schulich News</u>)

Dr. Boffa for being featured in <u>Schulich Newsletter</u> for co-authoring <u>The Lancet</u> Comment

Dr. Dick for receiving a Cancer Research Society Operating Grant

Dr. Dunn for receiving Biochemistry's William H. Magee Award for 2018 for outstanding contributions to teaching in the Dept. Picture shows Dr. Dunn (on left) with Dr. Edgell, Acting Chair of Biochemistry (photo from Dr. Yeung).



Drs. Edgell and Karas for being featured in Schulich's Rapport Magazine

Dr. Konermann for selection as a Fellow of the Royal Society of Canada (<u>Western News</u>)

Dr. Li, his lab, and colleagues for publishing in *Nature Communications* 

Dr. Pickering for being named a Canadian Academy of Health Sciences Fellow (Schulich News)



