# THE ACTIVE SITE DEPARTMENT OF BIOCHEMISTRY NEWSLETTER

### THE SCHULICH SCHOOL OF MEDICINE & DENTISTRY

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## PEOPLE (AND OTHER) STUFF

Welcome to Dr. Greg Gloor in his position as the new Chair of Biochemistry at Western (<u>Schulich News</u>). Thanks to Dr. Dave Edgell for his contributions during his tenure as the Acting Chair of the department.

Condolences to Dr. Caroline Schild-Poulter for the loss of her husband, Dr. Michael Poulter (Schulich News).

The Tumor Immunology Symposium sponsored by the London Centre for Translational Cancer Research is set for 6 February 2020 in the Sumner Auditorium at the Victoria Campus of the LHSC. Dr. Bertrand Routy will deliver the keynote lecture.

Biochemistry's baseball tournament took place in July with Team Brandl outplaying Team Haniford 13 to 9.



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

Dr. Ainsworth (Kabuki syndrome) (Screening for hematologic malignancies)

Drs. Brandl, Gloor, Hegele, O'Donoghue (Diversity of tRNAs)

Dr. Dick (RB1 deletion)

Drs. Edgell, Karas (DNA transfer using S. meliloti)

Drs. Gloor, Han (<u>Placental microRNAs</u>, <u>pregnancies</u>, <u>intrauterine growth restriction</u>, and <u>preeclampsia</u>)

Dr. Goldberg (Performance on National Board Exams for Dentistry)

Dr. Han (Maternal nutrient restriction and fetal liver hypoxia)

Dr. Hegele (New lipid drug targets) (APOB and PNPLA3 in fatty liver disease) (HNF4A and diabetes) (Ankyrin-B and arrhythmogenic cardiomyopathy) (Genetic variation in ONDRI) (Targeted next generation sequencing) (Low LDL cholesterol)

Drs. Heinemann, O'Donoghue (Synthetic DNA and RNA programming)

Dr. Konermann (<u>Solution force fields and MD simulations</u>) (<u>Hydrogen deuterium exchange mass spectrometry</u>)

Dr. Koschinsky (Lp(a) in clinical practice)

Drs. Lajoie, Schild-Poulter, Shaw (<u>Mammalian CTLH complex, E3 ubiquitin ligase, and muskelin</u>)

Dr. Meakin (Brain tumor acidification)

Dr. O'Donoghue (Unnatural amino acid translation systems)

Dr. O'Gorman (Cutibacterium acnes and shoulder microbiome)

Dr. Penner (Diagnostics for Alzheimer's)

Dr. Pickering (Vitamin D, vasculature, obesity)

Dr. Rogan (<u>Gene signatures of responses to chemotherapy</u>) (<u>Natural and cryptic</u> mRNA splicing mutations)

Dr. Rupar (Health care for mitochondrial disorders) (Pompe disease)

Dr. Torchia (Retinoic acid-dependant 5mC derivatives)

Dr. Turley (<u>Hyaluronan and tumours</u>) (<u>Chondroitin sulfate proteoglycan 4</u>) See publication details.

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

Christina Chung, Aren Marshall, and Renee Tamming for successful PhD defenses

Filip Todorovic for a successful MSc defense

Our 2019 Graduating Class (June convocation)

Matt Berg for the Drs. Madge and Charles Macklin Fellowship for Teaching and Research in Medical Sciences (Schulich)

Matt Berg, Dan Giguere, Jacqueline Dron, Jeremy Lant, Julie Genereaux; Drs. Gloor, Hegele, O'Donoghue, and Brandl; and colleagues for <a href="mailto:publication">publication</a> featured in <a href="mailto:Schulich News">Schulich News</a>

Megan DeWeerd, BMSc (Biochemistry & Cancer Biology) 2019, for appearing in <u>Schulich News</u>

Jacqueline Dron for the Norman E. Nixon Marie Ramo Nixon Award (Schulich)

Julieta Lazarte for the Cobban Student Award in Heart & Stroke Research (Schulich)

Dr. Safee Mian for appearing in Schulich News

Courney Voss for her marriage on 17 Aug

Drs. Brandl, Heinemann, and O'Donoghue, as well as Matt Berg and Jeremy Lant, for their <u>publication</u> in the top 50 most viewed at *J Biol Chem* in Apr/May

Drs. Choy and Ling for NSERC Discovery Grants

Drs. Junop; O'Donoghue/Brandl/Duennwald/ Moehring; Shaw/Duennwald for their CIHR Project Grants (Biochemistry website)

Dr. Koschinsky for appearing on Robarts website

Dr. Lajoie & colleagues for being featured in Western News for publication in Clin Cancer Res

Dr. Lajoie (co-investigator) and Dr. Postovit (lead investigator) for receiving a Canadian Cancer Society Innovation to Impact Grant

Dr. Meakin for a Western Long-service Award

Dr. O'Donoghue for the renewal of his CRC Tier II (Schulich News)

Dr. Pickering and colleagues for publishing in <u>EBioMedicine</u> (<u>Western News</u>)

Dr. Shaw & colleagues for an NSERC RTI Grant

Dr. Siqueira for receiving the International & American Associations for Dental Research 2019 Salivary Research Award (<u>Schulich News</u>)



