

PEOPLE (AND OTHER) STUFF

Welcome to our new staff member, Neiven Timothaws, who has joined Biochemistry in November as our Administrative Assistant. We hope she will enjoy her time in the department.

Happy holidays to everyone and all the best for 2022!



PUBLICATIONS from the labs and collaborators of...

Dr. Brandl ([Amino acid substitution](#)) ([Mistranslating tRNAs](#)) ([Tra1](#))
Dr. Connaughton ([FOXL2, FOXA2, FOXA3 in congenital anomalies of kidney and urinary tract](#)) ([Truncating NRIP1 variant](#))
Dr. DiMattia ([MAIT cells in ovarian cancer-elicited ascites](#))
Dr. Duennwald ([Half-life of cellular proteins](#))
Drs. Duennwald, O'Donoghue ([Polyglutamine aggregates](#))
Dr. Gloor ([Preen gland microbiota in songbirds](#))
Dr. Gupta ([Rapamycin complex 1, hypoxia, IGF1P-1 phosphorylation](#)) ([Regulation of the primary human trophoblast cell transcriptome](#))
Dr. Hegele ([Very severe hypertriglyceridemia](#)) ([Triglyceride-rich lipoproteins and remnants](#)) ([Familial hypercholesterolaemia](#)) ([CREBH effect on dyslipidemia, atherosclerosis in diabetes](#)) ([Rare variants and neurodegenerative disease](#)) ([LDL-receptor genotype, statins, and heterozygous familial hypercholesterolemia](#)) ([Preprint servers in lipidology](#)) ([Familial combined hyperlipidemia](#)) ([Dyslipidemia](#)) ([Lamin A/C missense variants](#)) ([Lipodystrophies](#))
Dr. Hudson ([Peptide nucleic acid-directed double-strand duplex invasion](#))
Dr. Junop ([DAHP synthase inhibition](#))
Dr. Karas ([Rescue of root-hair defects](#))
Dr. Konermann ([Nonspecific protein complexes during electrospray ionization](#)) ([Thermal protein aggregation of myoglobin](#)) ([Hydrogen/deuterium exchange measurements](#))
Dr. Koschinsky ([Atherosclerosis, plaque destabilization](#)) ([Lipoprotein\(a\)](#))
Dr. Lajoie ([Cisplatin metabolomics and nephrotoxicity](#)) ([Ovarian cancer-derived extracellular vesicles](#))
Dr. Li ([MEK1/2-ERK1/2, IL-6-STAT3 signaling, epithelial cell migration](#)) ([Exosite on the SOCS2-SH2 domain](#))
Dr. Litchfield ([CK2 regulation - review](#)) ([CSNK2 in cancer](#))
Dr. O'Donoghue ([Acetylated thioredoxin reductase 1](#))
Dr. O'Gorman ([Inflammation-associated ophthalmic pathologies](#))
Dr. Pickering ([Angiogenesis in ischemic muscle](#))
Dr. Rogan ([Gene expression for biodosimetry and effect prediction](#)) ([Radiation expression profiling in blood using gene signatures](#)) ([Differentially accessible, single-copy sequences along metaphase chromosomes](#))
Dr. Rupa ([Hepatosplenomegaly](#))
Dr. Siqueira ([Nanoparticles in dentistry](#)) ([Cariogenic biofilm model](#))
Dr. Turley ([Hyaluronan in breast cancer progression](#)) ([RHAMM, cancer progression](#))
[See publication details.](#)

CONGRATS TO...

Amanda Berberich MD and Aisha Freeman for successful PhD thesis defenses

Megan Chang, Allan Chen, and Brooke Wile for successful MSc thesis defenses

Thomas Hamilton for winning best poster and Gabe Onea for winning best talk at the Biochemistry Fall Symposium

Jeremy Lant, Rashmi Kiri, Dr. Martin Duennwald, and Dr. Pat O'Donoghue for having their [publication](#) selected as a Breakthrough article by *Nucleic Acids Research* and also featured by [Schulich](#)

Britney Messam for receiving a Dean's Research Scholarship

Dr. Rob Hegele for being featured on the [Diabetes Research and Care website](#)

Dr. Marlys Koschinsky for being elected as a board member for the International Atherosclerosis Society (member-at-large for North and South America)

The Shaw lab for winning best pumpkin at the pumpkin carving contest

CONSTRUCTION UPDATES

Closing the first round of renovations was a protracted process and there are still some details to be resolved. November was spent moving people and equipment into new renovation space, the most significant of which being the BICF with all its existing and new equipment. The M330 student space is open. COVID measures are still in effect; masks may be removed at your own desks provided physical distancing of 2 m can still be maintained. For access, please contact Boun Thai (boun.thai@schulich.uwo.ca).

The second round of renovations began on Dec 1st with demolition to the former BICF (M394), Choy/Shaw trainee offices (M303-305) and the NMR facility (M309). This round of construction is expected to progress much faster since all the materials and supplies needed have already been delivered.