

PEOPLE (AND OTHER) STUFF

Welcome to Dr. Qian Liu, who joined Dr. Hu's lab as a postdoctoral fellow. Welcome also to Jessica Jamieson, our new Manager of Administration and Finance. The Dept. of Biochemistry wishes Glenda Ogilvie all the best in her new position at Western's FIMS. We thank her for her dedication, hard work, and many kindnesses.

Dr. Bishnu (Bill) Sanwal, a former Emeritus Professor and [Chair](#) in the Dept. of Biochemistry, passed away on 28 Feb surrounded by his family. He was 95 years old and, until recently, visited the Dept. on occasion. He and Dr. Ted Lo are the named sponsors of our [Graduate Endowment Fund](#). Our deepest condolences go to his family, friends, and colleagues ([obituary](#)).

The 14th of Feb marked the one-year anniversary of the formation of Biochemistry's EDI Committee. Accomplishments include creating an [EDI webpage](#), rolling out an anti-harassment/discrimination campaign, and implementing six recommendations from the 2018 Gender Equity Task Force in Biochemistry.

A reminder to the Biochemistry community:

Western is committed to providing a learning and working environment that is free of harassment and discrimination. All students, staff, and faculty have a role in this commitment and have a responsibility to ensure and promote a safe and respectful learning and working environment. Any student, staff, or faculty member who experiences or witnesses behaviour that may be harassment or discrimination must report it to [Western's Human Rights Office](#).

PUBLICATIONS from the labs and collaborators of...

Dr. Boffa ([Assays to quantify fibrinolysis](#))

Drs. Boffa, Koschinsky ([Surface LDLR, lipoprotein\(a\) clearance, and PCSK9](#))

Dr. Duennwald ([Nrf2 and oxidative stress](#))

Drs. Edgell, Gloor ([Metabolically-targeted dCas9 expression](#))

Dr. Garnham ([Plant production of a vaccine against a porcine disease](#))

Dr. Goldberg ([Osteopontin phosphopeptide mitigates calcium oxalate stone formation](#))

Dr. Han ([COVID-19 plasma proteome](#))

Dr. Hegele ([DNA testing in dyslipidemia](#)) ([Pancreatitis and severe hypertriglyceridemia](#)) ([Polygenic risk scores and heart disease](#)) ([Low-density lipoprotein and cholesterol treatment](#)) ([Familial chylomicronaemia syndrome](#)) ([Genetic testing in dyslipidaemia](#)) ([Genetic analysis in diagnosis and management of lipid disorders](#)) ([Lipid-lowering treatment in familial hypercholesterolemia](#)) ([Oxylipins, small-vessel disease markers, and neurodegeneration in stroke](#))

Drs. Heinemann, O'Donoghue ([tRNA-dependent mistranslation and FUS protein aggregates](#)) ([HARS disease](#))

Dr. Hu ([Neural network for molecular property prediction](#)) ([Analytic framework applied to mammary epithelial cells](#)) ([Radiogenomic association of deep MR imaging features in breast cancer](#)) ([Taste signaling genes, oral microbiome, and childhood caries](#)) ([Molecular property prediction based on bimodal supervised contrastive learning](#))

Dr. Konermann ([Peptide reversed-phase liquid chromatography](#))

Dr. O'Donoghue ([Protein homeostasis despite mistranslation of glycine](#))

Dr. Pickering ([Telomere length and atherogenesis](#))

Dr. Rupar ([Gene therapy for Fabry disease](#))

Dr. Shaw ([Parkin and mitochondrial signalling](#)) ([Calcium-sensor proteins in cell membrane repair](#)) ([Parkin coregulates glutathione metabolism](#))

Dr. Siqueira ([Dental arches in microcephaly of Zika syndrome and orofacial cleft](#))

Dr. Torchia ([Chromatin accessibility, Farnesoid X Receptor, and circadian and bile-acid homeostasis](#))

[See publication details.](#)

CONGRATS TO...

Brianna Gongga-Cave and Beth Connelly for the Dr. Bishnu D. Sanwal Graduate Performance Award for 2022

Dr. Ben Kleinstiver, a Biochemistry alumnus, for being featured in [Nature](#)

Dr. Qian Liu received a CGEn HostSeq/CIHR Joint Postdoctoral Fellowship

Tarana Siddika for a Mitacs Accelerate Fellowship to support her activities in the [Lab2Market Program](#)

Dr. Hallett (PI) and colleague (Nominated PI) for a CIHR Project Grant

Dr. Han and colleagues for being featured in [Schulich News](#) for [publication](#) on COVID-19 plasma proteome

Dr. Heinemann, Dr. O'Donoghue, and colleague for a CIHR Planning and Dissemination Grant for the 2023 IUBMB 2023 [AARS conference](#)

Dr. Heinemann for an NSERC Alliance International Catalyst Grant and a CIHR Project Grant (the latter with Dr. O'Donoghue, Dr. Rupar, and colleague)

Dr. Hu and colleagues for a CIHR Project Grant

Dr. McLachlin for Biochemistry's William H. Magee Award for outstanding contributions to teaching in the Dept.

Dr. O'Donoghue for an NSERC Alliance International Catalyst Grant

Dr. Schild-Poulter and colleague for a CIHR Project Grant

Dr. Shaw, Dr. Duennwald, and colleague for an ALS-Canada/Brain-Canada Discovery Grant

SOCIAL MEDIA



The Dept. of Biochemistry now has a LinkedIn page. Please join the "[Western Biochemistry Department Current Members and Alumni](#)" group by clicking the link or following the QR code. The group was created to help us stay in touch with

our alumni. It is open to graduate students, undergraduate students, postdoctoral scholars, faculty, and staff who are currently in the Dept. or who are alumni of it.