THE ACTIVE SITE DEPARTMENT OF BIOCHEMISTRY NEWSLETTER

THE SCHULICH SCHOOL OF MEDICINE & DENTISTRY

PEOPLE (AND OTHER) STUFF

Thanks to Kyle Pollard for his 14 years of dedication, hard work, and loyalty as the Manager of Operations and Safety in Biochemistry. At the end of May, Kyle moved to the position of a Health and Safety Consultant in Western's Department of Human Resources.

Thanks to Lindsay Ralph for her 4 years of commitment, hard work, and reliability as the Graduate & Undergraduate Program Assistant in Biochemistry. In mid-June, Lindsay will take up the position of Alumni Engagement Coordinator, Ceremonies with Western's Advancement Operations.

We wish Kyle and Lindsay all the best in their future endeavours. They both will be greatly missed.

PUBLICATIONS from the labs and collaborators of...

Drs. Balci, Siu (Haploinsufficiency of PRR12) (DNA methylation analysis for diagnosis of Mendelian disorders - Correction) Drs. Bhayana, Li (Test for SARS-CoV2 antibodies) Drs. Boffa, Koschinsky (Lp(a) vs. LDL proteomic profiles) Dr. Choy (Conformational landscape of Neh4/5 domains of Nrf2) Dr. Garnham (Fumonisin phytotoxicity) Dr. Hegele (Apolipoprotein E variation & cognitive impairment in neurodegeneration) (APOB-related familial hypobetalipoproteinemia) (Cockayne Syndrome) (Sodium-glucose cotransporter 2 inhibitors) (Glucagon-like peptide 1 receptor analogs) (PPARG mutation in chylomicronemia) (PANK2 gene in HARP syndrome) (Genetics of hypertriglyceridemia and atherosclerosis) (Phase 3 trial of volanesorsen in chy-Iomicronaemia) (Polygenic scores in risk prediction) (Management of dyslipidemia) (Ventricular cardiomyopathy genes in 'lone' atrial fibrillation) (Variants in LMNA-related lipodystrophy & ALS) Dr. Heinemann (Regulation of 3' RNA stability) Dr. Junop (SNM1A Inhibitors) Dr. Karas (Cell division in genomically minimal cell) Dr. Konermann (Mobile protons and stability of salt bridges) Dr. Lajoie (NODAL regulates breast tumor microenvironment) Dr. Li (Aptamer-SH2 superbinder-based cancer therapy) Drs. Li, O'Donoghue (Substrates of Protein Kinase B) Dr. O'Gorman (Coronavirus immunoglobulins in COVID-19 patients) Dr. Rogan (Automated cytogenetic biodosimetry) Drs. Rupar, Siu (FBN1 variant in neonatal Marfan syndrome) Dr. Schild-Poulter (Ku complex) (Ku70 domain-specific interactors) Drs. Rip, Rupar (Gene therapy for Fabry disease) Dr. Shaw (Acetylated ubiquitin and Uba1) (Parkin activation) (Ageassociated insolubility of parkin/redox/dopamine metabolites) Dr. Siqueira (Salivary protein delivery) (RANK/RANKL/OPG) (Statherinderived peptides: antifungals) (Pre-clinic/clinic model during COVID-19) Dr. Yeung (Imaging in brain using mass spectrometry) See publication details.

VOLUME 12 | ISSUE 2 | Mar - May 2021

CONGRATS TO...

Matthew Maitland and Piru Perampalam for successful PhD thesis defenses

Rosan Kenana and Dapo Onabote for successful MSc thesis defenses

Sanna Abbasi for the Lucille & Norton Wolf Trainee Publication Award at the London Health Research Day

Samir Hamadache for a Vanier Canada Graduate Scholarship for Doctoral Students

Owen Hovey for the 7th Annual Thermo Scientific Tandem Mass Tag Research Award

Gabe Onea for the Dr. Bishnu D. Sanwal Graduate Performance Award

Ryan Cochrane, Rachel Kelly, Rebecca Meaney, and Emily Stuckless for NSERC Postgraduate Scholarships (Doctoral Program)

Daniel Nucifora and Emma Walker for NSERC Canada Graduate Scholarships (Master's Program)

Mallory Fredrick, Brianna Gonga-Cavé, Dalton Ham, Rachel Lacoursiere, Kurt Loedige, Dapo Onabote, Mark Pampuch, and Greg Pelligrino for Ontario Graduate Scholarships

Dr. Mike Boffa and co-investigators for a CIHR Project Grant

Dr. Dervla Connaughton and Rob Hegele for each receiving the Academic Health Science Centre Alternative Funding Plan Innovation Fund



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