

PEOPLE (AND OTHER) STUFF

Vanguard Awards recognize local researchers who have reached various market-readiness milestones, in partnership with WORLDiscoveries. Biochemistry faculty who received [2016 Awards](#) include the following:

Innovators of the Year	Patent Issued Award	License Agreement Signed
Dr. Turley (with Dr. Luyt)	Dr. Turley	Dr. Li
Dr. Li (nominee)		Dr. Siqueira

Dr. Hegele, his lab, and their collaborators have a publication in [npj Genomic Medicine](#) and a provisional patent for [ONDRISeg](#), a targeted gene re-sequencing panel for genes associated with neurodegenerative diseases.

Schulich's Alumni Magazine 'Rapport' has featured an editorial by [Dr. Litchfield](#).

Dr. Meakin, her lab, and collaborators published their work on TrkA and macropinocytosis in [Mol Cell Biol](#); one of their figures was shown on the [issue cover](#).

Dr. Rogan has received a Notice of Allowance for a [patent application](#) filed in 2013 on breast cancer genomics (all claims were allowed). He has also been awarded a Germany Patent (11 2011103687) for "Centromere Detector and Method for Determining Radiation Exposure from Chromosome Abnormalities."

Dr. Shaw, Jake Aguirre, and Karen Dunkerley have published in *PNAS*, USA (In Press).



Drs. Heinemann and O'Donoghue welcomed

Elsie Olivia O'Donoghue

to the world on 12 Nov 2016.

CONGRATS TO...

Sali Farhan, Ryan Killoran, Saqib Sachani, Louisa Salemi, Carlee White for successful PhD defenses

Matthew Edwards, Susanna George, Marc Laforet for successful MSc defenses

Jake Aguirre and Tara Condos for presenting posters and receiving Young Investigator Awards at the Int. Conference in Magnetic Resonance in Biological Systems

Amy Burke and Jacqueline Dron for receiving Best Oral Presentation Awards for MSc and PhD trainees at The Canadian Lipoprotein Conference

Jacqueline Dron for receiving the Outstanding Research Contributions Scholarship (PSAC, Local 610, Western University) and for being featured on the [Robarts website](#)

Teresa Nunez de Villavicencio Diaz for receiving the 2016 Dean's PhD Scholarship for Graduate Research ([Schulich News](#))

Adam Rabalski for being featured on [Schulich's GSPA website](#)

Judy Penchuk for being interviewed on CBC Radio's 'Ontario Morning' for her remarkable journey to obtain an undergraduate degree in her 60's. To hear the interview, choose the 8 Sept [CBC Podcast](#) and select 30 min

Drs. Dick, DiMattia, and Litchfield for receiving LRCP Catalyst Grants

Dr. Dick for receiving a Cancer Research Society Operating Grant

Dr. Hegele for being i) honoured with the Donald B. Zilversmit Memorial Lecture and Award for Outstanding Research (5th Int. Symposium on Chylomicrons in Disease); ii) ranked #1 globally for "lipid metabolism disorders" and "hypertriglyceridemia" (Expertscape.com); iii) interviewed on [CTV News](#)

Drs. Heinemann and O'Donoghue for being featured in Schulich's Alumni Magazine '[Rapport](#)'

Dr. Li for launching his company Precision Proteomics, which develops diagnostics and therapeutics for diseases ([Western News](#))

PUBLICATIONS from the labs and collaborators of...

- Dr. Ainsworth ([methylation profile for DNMT1-associated diseases](#))
 Drs. Ainsworth, Rodenhiser ([Fragile X Syndrome](#))
 Drs. Brandl, O'Donoghue, Shilton ([genetic selection for mistranslation](#))
 Dr. Boffa ([lowering lipoprotein\(a\)](#))
 Dr. Dick ([pRB, p27KIP1-CDK, E2F](#)) ([Rb pocket protein family](#))
 Dr. DiMattia ([MEK inhibitors & ovarian cancer cell lines](#))
 Dr. Dunn ([ATP synthase](#))
 Dr. Gloor ([lectin-like protein 1 in GR-1](#)) ([MHC & preen wax in birds](#)) ([UniFrac toolbox](#)) ([filtering of salt cluster artefacts for LC-MS](#))
 Dr. Hegele ([meta guidelines for lipids](#)) ([dyslipidemia and prevention of heart disease](#)) ([abetalipoproteinemia](#)) ([cardiovascular genetic data](#)) ([ONDRISeg panel](#)) ([coronary artery disease](#)) ([dyslipidemia treatment](#)) ([dyslipidemia management](#)) ([maturity-onset diabetes in young](#))
 Drs. Hegele/Huff ([hypercholesterolemia causes](#)) ([lomitapide for hypercholesterolemia](#)) ([drug development for dyslipidemia - PCSK9](#))
 Dr. Junop ([calcium uniporter regulation](#))
 Dr. Konermann ([MD simulations of reaction cascades in gas phase](#)) ([allosteric enzyme regulation](#))
 Dr. Lajoie ([sample prep for large-scale proteomics](#))
 Dr. Li ([superbinder-SH2 domain](#)) ([Arg methylation](#)) ([tyr phosphorylation of H4](#))
 Drs. Li, Litchfield ([tyr phosphoproteomics](#))
 Dr. Ling ([replication by DNA polk](#))
 Dr. Meakin ([effect of topiramate on glioblastoma](#))
 Dr. O'Gorman ([P. acnes in shoulder biopsies](#))
 Dr. Pickering ([vascular remodeling](#))
 Dr. Rogan ([information theory-based binding site motifs](#)) ([gene variants in breast & ovarian cancer](#))
 Dr. Rupa ([transcobalamin deficiency](#))
 Dr. Schild-Poulter ([Ku70, Aurora B](#))
 Dr. Siqueira ([triethylene glycol and S. mutans](#))

[See publication details.](#)