THE ACTIVE SITE DEPARTMENT OF BIOCHEMISTRY NEWSLETTER

THE SCHULICH SCHOOL OF MEDICINE & DENTISTRY

VOLUME 9 | ISSUE 3 | June - Aug 2018

PEOPLE (AND OTHER) STUFF

Biochemistry's annual golf tournament took place in July. The Shaw family group won the prize for best golf score, while Alec Bahcheli and Andrew Seto tied for the prize for best mini-putt score.





Welcome to Rowin Benjamin Pollard, who was born on 7 Aug to proud parents, Kyle and Sarah.

Drs. Edgell and Karas were featured in Ontario Genomics News for Western's SynBio program.

Dr. Rogan and colleague were featured in SOSCIP's newsletter (p. 9) for their automated software tool for estimating radiation exposure. They received funding from MITACS Accelerate and presented at the Joint international Symposium on EPR Dosimetry and Dating and the Inter-

national Conference on Biological Dosimetry.

PUBLICATIONS from the labs and collaborators of...

Dr. Ainsworth (Ovarian cancer and BRCA1/2 mutations)

Drs. Boffa, Koschinsky (Plasminogen, urokinase plasminogen activator receptor, integrins) (Apolipoprotein(a), plasminogen, vascular cells)

- Dr. Dick (Breast cancer metastasis in brain)
- Dr. Edgell (Reduction of mutant mitochondrial DNA)

Dr. Gloor (Gut and saliva microbiota in atherosclerosis) (Associations with Mediterranean

diet) (Probiotics for pregnancy) (Analysis of probiotic Lactobacillus rhamnosus GR-1) (Dietary implications of intestinal microbiome)

Dr. Gupta (Folate transporters in IUGR) (IGFBP-1 in IUGR)

Dr. Hegele (Experimental arterial pathology studies) (ABCA1 gene deletions in hypoalphalipoproteinemia) (PCSK9 inhibitors in familial hypercholesterolemia) (CREB3L3 and APOA5 variants in hypertriglyceridemia triggered by estrogen) (Genetics of familial hypercholesterolaemia) (POLD1 mutation and Werner Syndrome) (PCSK9 inhibitors) (PCSK9 inhibitors in hypercholesterolemia) (Definition of familial hypercholesterolemia)

Dr. Heinemann (MiRAR-miRNA activity reporter for live cells)

Dr. Huff (Flavonoids in obese Ldlr-/- mice)

Dr. Konermann (<u>Electrospray ionization of polypropylene glycol</u>) (<u>Model for electrospray</u> ionization of unfolded proteins)

- Drs. Konermann, Shaw (S100 proteins)
- Dr. Li (Superbinder for anticancer therapy)
- Dr. Litchfield (<u>Protection in Hungtington's disease</u>) Dr. Meakin (<u>Quercetin and glioblastoma multiforme</u>)
- Dr. O'Donoghue (tRNA function and evolution)
- Dr. O'Gorman (Cutibacterium acnes and shoulder microbiome)
- Dr. Rogan (Prediction of radiation exposure)
- Dr. Turley (Fibroblasts and microenvironment of tumours in malignant progression)
- Dr. Yeung (Quantitation of neonicotinoids)

See publication details.



Please submit info for future issues

CONGRATS TO...

Rosettia Ho and Lauren Seidl for successful MSc defenses

Amy Burke for a successful PhD defense

Sanna Abbasi, Allison Dilliott, Daniel Giguere, Thomas Hamilton, Nadun Karunatilleke, Gabriel Onea, Gursimran Parmar, Sam Slattery, and David Wright for Ontario Graduate Scholarships

Matt Berg for best poster award at Trend2018

Allison Dilliott for a CIHR International Symposium on Atherosclerosis Travel Award and an Alzheimer Society of London and Middlesex Doctoral Scholarship

Jacqueline Dron for a CIHR Frederick Banting and Charles Best Canada Graduate Scholarship, a CIHR International Symposium on Atherosclerosis Travel Award, Schulich's Cobban Student Award in Heart and Stroke Research, and Schulich's Nellie Farthing Fellowship in **Medical Sciences**

Karen Dunkerley for Schulich's Jonathan & Joshua Memorial Graduate Travel Scholarship

Rosettia Ho for a CIHR International Symposium on Atherosclerosis Travel Award and a Robarts Research Retreat Oral Presenter Award

Owen Hovey and Muhan (Violet) Liu for Translational Breast Cancer Research Awards

Michael lacocca for a Canadian Lipoprotein Conference 2018 Oral Presentation Award; a CIHR International Symposium on Atherosclerosis Travel Award; a Robarts Research Retreat Poster Award; a Canadian Society for Atherosclerosis, Thrombosis and Vascular Biology Trainee Travel Award; and 1st place in the **Golden Helix Abstract Competition**

Dr. Miljan Kuljanin for Schulich's Collip Award

Matt Maitland for a CCSRI Travel Award

Wen (Mike) Qin for an Epigenetics Trainee Award

Drs. Edgell (Gloor, Karas-co-applicants), Haniford, and Sigueira for CIHR Project Grants

Dr. Gloor for 25 years of service at Western

Dr. Gupta for a NIH RO1 and RO3

Dr. Koschinsky as co-chair of the 2022 Gordon Research Conference on Lipid Metabolism

Drs. Litchfield and Koschinsky for advice to June graduates (see Schulich News)



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