THE ACTIVE SITE DEPARTMENT OF BIOCHEMISTRY NEWSLETTER

THE SCHULICH SCHOOL OF MEDICINE & DENTISTRY

PEOPLE (AND OTHER) STUFF

Dr. Berube received Lawson's Joseph Gilbert Research Contribution of the Year Award for the publication in *J. Clin. Inv.* Ashley Watson, Dr. Berube's graduate student, received the Lawson Leadership Award for her contributions in the Lawson and London communities. She is first author on the publication mentioned above and has also received the CIHR Age+ Prize for that achievement. The publication has been recommended by the Faculty of 1000, featured in a press release by the School, and highlighted by Medicalxpress. ScienceDaily, ScienceCodex, Punnett's Square Genetic News and Views, Medical News Today, Technology.org, Science Newsline, and Genetherapy.me.

Dr. Hegele commented on the genetic basis of heart disease (New York Times).

The *Mol Cell Proteomics* <u>publication</u> from Drs. Litchfield, Lajoie, Li, and collaborators was chosen by the journal as one of the 'Highlights from this Issue' (see <u>Schulich News</u>).

The *J Biol Chem* <u>publication</u> from Dr. Lajoie and collaborators was <u>recommended by the</u> Faculty of 1000.

Dr. Li was featured in the Profiles of Excellence series at Western.

Congrats to Dr. McLachlin and Elisabeth Kaufmann who were married on 21 June.

The Biochemistry website was moved to the School server (www.schulich.uwo.ca/biochem). Webpages left on the Biochemistry server (www.biochem.uwo.ca) include those for Facilities, some Faculty, and the 4th-year thesis project database. Many thanks to Dr. Gloor for his expertise and guardianship of the Biochemistry website since its inception many years ago.

PUBLICATIONS from the labs and collaborators of . . .

- Dr. Ainsworth (tamoxifen, BRCA1/2 mutation carriers)
- Dr. Berube (implantation failure in Kiss1(-/-) mice)
- Dr. Dick (pRB, E2F, G1/S transition) (RB-E2F1-condensin II complex) (Rb allele mutation)
- Drs. Dick/DiMattia (DREAM complex in chondrocytes)
- Drs. Dunn/Konermann (Bacillus PS3)
- Drs. Edgell/Gloor (active sites: homing endonucleases) (high-throughput sequencing datasets)
- Drs. Edgell/Schild-Poulter (I-Tev1 nuclease and TALENs)
- Dr. Gloor (microbiome and probiotic research in Africa)
- Dr. Hegele (<u>Canadian Hypertension Education Program recommendations</u>) (<u>lipid genes</u>) (<u>GCKR variants and triglyeride levels</u>) (<u>lipid disorders</u>) (<u>informed consent</u>) (<u>dyslipidemia</u>) (<u>statin -related myalgia</u>)
- Dr. Hudson (fluorescent deoxycytidine analogues) (crystal structure: dichloromethane solvent)
- Dr. Huff (PPARdelta and hepatic steatosis)
- Dr. Konermann (hydrogen/deuterium exchange kinetics) (ESI mechanism)
- Dr. Lajoie (flagellin glycosylation) (recommended by F1000)
- Dr. O'Gorman (monitoring collagen synthesis using labelled tRNA)
- Dr. Pickering (FGF9 delivery) (3D imaging of mouse heart and vasculature)
- Dr. Rogan (automating chromosome detection)(validation of predicted mRNA splice mutations)
- Dr. Schild-Poulter (<u>RanBPM and aggresome formation</u>) (Ku heterodimer. Mutation Research-Reviews, In Press)
- Dr. Shaw (Shigella OspG and ubquitination) (Commentary on PINK1, ubiquitin, parkin) (ubiquitin loop role)
- Dr. Turley (prostate cancer biomarkers)(breast tumour subset)(hyaluronan in prostate tumours)
- Dr. Yeung (plant bio-oils as insecticides)

See recent publication details.

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CONGRATS TO...

Niamh Coughlan, Michelle Denomme, Joe Ross for successful PhD defenses

Mehdi Amiri, Kevin Kania, Kimberly Muranko, Dana Onica for successful MSc defenses

Amy Burke, Stephanie Dorman, Michael Ellis, Sali Farhan, Haider Hassan, Ryan Killoran, Kevin Leung, Andrew Maciejewski, Aren Marshall for OGS/QEII awards

Amy Burke for the Cobban Student Award in Heart and Stroke Research

Ian Damerill for the Oral Presentation Basic Science Award (2nd place) at the 2014 Paediatrics Research Day

Matthew Edwards for the Jonathan & Joshua Memorial Graduate Scholarship

Adrienne Elbert (representing Western University) for the Gold Medal Award at the Canadian Student Health Research Forum at the University of Manitoba

Victoria Fell for the "Best Student Presentation Award" at the 2nd Canadian Symposium on Telomeres and Genome Instability in Quebec City in May

Sali Farhan for the Norman E. Nixon and Marie Rämö Nixon Award

Ashley Watson for the Drs. Madge and Charles Macklin Fellowship for Publication in Medical Sciences

Adrienne Elbert, Ashley Watson, Matthew Edwards for travel bursaries (Joint Mtg of the Int. Soc. for Developmental Neuroscience Mtg and NeuroDevNet Brain Development Conference in July)

Dr. Gupta for NIH RO3 funding

Dr. Li for a Movember Discovery Grant, Prostate Cancer Canada (<u>School</u> <u>News</u>)

Dr. Shaw for a Burroughs Wellcome Fund Collaborative Travel Grant

Drs. Choy, Heinemann, Ling, Litchfield, O'Donoghue for NSERC Discovery Grants



