

ACB NEWS

ANATOMY & CELL BIOLOGY NEWSLETTER

June 2018

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IN THE NEWS

Dr. Doug Hamilton was featured in Western News for his Collaborative Health Research Project: Novel technologies for engineering closure of non-healing skin wounds.

<https://news.westernu.ca/2018/06/grant-fuels-work-chronic-wound-care/>

AWARDS & SCHOLARSHIPS

Pascal Morrisette Martin, a PhD candidate in the Flynn lab, was awarded the Dr. Suzanne Bernier Memorial Award.

Sarah Caughlin, PhD, supervised by Dr. Whitehead and Dr. Cechetto, was awarded the Anatomy & Cell Biology Suzanne Bernier Publication Award.

Dr. Chenyi Liu, a postdoctoral fellow in the Bérubé lab, received a CHRI Postdoctoral Fellowship award (\$20,000).

Ornela Kljakic, a doctoral student in the Prado lab, was awarded an internal Schulich Award: the **Jonathan & Joshua Memorial Graduate Scholarship in Mental Health Research**. This scholarship is given to doctoral students who are specializing in the neuroscience of mental health disorders, and is generously made available by Mr. Robert McKinnon and friends (\$20,000).

HOLD THE DATE

**The 2018 Murray Barr Lecture has been scheduled for Friday October 5th, 2018
9:30 a.m., Auditorium A, 3rd Floor LHSC, University Campus**

It is with great pleasure that we announce this year's Murray Barr lecturer:
Professor Sir Robin Murray, Professor of Psychiatric Research
Institute of Psychiatry, Psychology and Neuroscience King's College (UK)

Lecture Title: "Cannabis-associated psychosis; clinical significance and biological mechanisms"

GRANT SUCCESS

Dr. Steve Laviolette, “Effects of Neurodevelopmental Exposure to Cannabinoids on Prefrontal Cortical Function: Implications for Neuropsychiatric Disorders”. CIHR, 2018-2023; total \$715,276 (Ranked #1 on the Behavioural A Panel).

Dr. Vania Prado, “Cholinergic Influence in Aging and Brain Pathology”. CIHR, 2018-2023; total \$956,250 (Ranked #3 on the Aging Panel).

Dr. Doug Hamilton, “Novel Biomaterials-Based Strategies to Stimulate Periodontal Tissue Regeneration”. CIHR, 2018-2023; total \$703,800 (Ranked #1 on the BME Panel).

Dr. Doug Hamilton “Novel technologies for engineering closure of non-healing skin wounds”. Collaborative Health Research Project (CHRP), 2018-2021; total \$697,000.



CONFERENCE PRESENTATIONS & AWARDS

Oleksiy Zaika, from the De Ribaupierre lab, was awarded Best Oral Presentation at the SESAM (Society in Europe for Simulation Applied to Medicine) Conference this year for his work "Simulation-Based Cerebral Angiography Coiling Training Performance in Novices". Glasgow, Scotland, June 12—14, 2018.



On June 13th Dr. Charys Martin and family welcomed baby Ethan to the world.



Congratulations to Dr. Danielle Brewer, Dr. Dylan Dieters-Castator and Dr. Tyler Beveridge for their successful PhD Defenses.

Alison Allan was an invited member of the Innovation to Commercialization (I2C) Grant Panel for the Michael Smith Foundation for Health Research (June 11 2018, Vancouver BC) and an invited member of the Immunology, Signaling and Stem Cells Grant Panel for the Canadian Cancer Society Research Institute (CCSRI; June 28, 2018, Toronto ON).

Did you hear?

NEW PUBLICATIONS

Scher H.I, Graf R.P, Schreiber N.A., Winkvist E., McLaughlin B., Lu D., Orr S., Fleisher M., **Lowes L.E.**, Anderson A.K.L., Wang Y., Dittamore R.V., **Allan A.L.**, Attard G., and Heller G. (2018). Validation of nuclear-localized AR-V7 as a treatment-selection biomarker for castration-resistant prostate cancer: a multi-institution correlative study. JAMA Oncology, June 28, 2018, doi:10.1001/jamaoncol.2018.1621. [Epub ahead of print] PMID: 29955787. Online link: <https://jamanetwork.com/journals/jamaoncol/fullarticle/2686031>

Crocker, A.K., Xia, Y., Rodriguez-Torres, M., Pardhan, S., Leong, H.S., Lewis, J.D., and **Allan, A.L.** Differential functional roles of ALDH1A1 and ALDH1A3 in mediating metastatic behavior and therapy resistance of human breast cancer cells. In: Sava, G., and Bergamo, A., eds., Chemical and Molecular Approach to Tumor Metastases. MDPI Books, Basel, Switzerland. 2018: 40-57.

Sanchez-Pupo RE, Johnston, D., **Penuela, S.** N-Glycosylation Regulates Pannexin 2 Localization but Is Not Required for Interacting with Pannexin 1. Int J Md Sci 2018, Jun 22, 19(7) pii:000 E1837. doi: 10.3390/ijms19071837.

Rowland, M.E.*, Jiang, Y.*, Beier, F. and **Bérubé, N.G.** (2018) Inactivation of hepatic ATRX in Atrx Foxg1cre mice prevents reversal of aging-like phenotypes by thyroxine. Aging. 10:1223-1238.

Moir ME, **Balestrini CS**, Abbott KC, Klassen SA, Fischer LK, Fraser DD, Shoemaker JK. An Investigation of Dynamic Cerebral Autoregulation in Adolescent Concussion Journal: Medicine and Science in Sports and Exercise Date: June 20, 2018 (e-pub ahead of print) PMID: 29927876 doi: 10.1249/MSS.0000000000001695

Zamir M, Moir ME, Klassen SA, **Balestrini CS**, Shoemaker JK. Cerebrovascular Compliance Within the Rigid Confines of the Skull Journal: Frontiers in Physiology Date: June 26, 2018 (e-pub ahead of print) doi: 10.3389/fphys.2018.00940

Kim SS, Nikoloudaki G, Darling M, Rieder MJ, **Hamilton DW.** Phenytoin activates Smad3 phosphorylation and periostin expression in drug-induced gingival enlargement. Histo Histopathol. 2018 Jun 19:18015. doi: 10.14670/HH-18-015. [Epub ahead of print]

SOCIAL SCENE

The 2018 ACB Annual Golf Day is set for Thursday July 26th, 2018 at Llyndinshire Golf Club.

Get your foursome ready!

The cost is \$30 per person (due to size limitations only department members are permitted to register).

R.S.V.P. to your invitation or contact Glenda Ogilvie at glenda.ogilvie@schulich.uwo.ca



See the next issue for details about our Department Picnic to be held later this summer.

ACB CELEBRATION OF EXCELLENCE

Our ACB Celebration of Excellence was held at Windermere Manor on Tuesday June 26th. This well-attended event saw a number of department faculty, staff and students, along with university colleagues and family members, join us for a final farewell to Dr. Marjorie Johnson and Dr. Peter Merrifield as they began retirement.

We also celebrated the significant achievements of faculty within our department with an awards ceremony.

Congratulations to all of our award recipients.



LINK TO PHOTO ALBUM <https://www.dropbox.com/sh/gajq5r0rk5u9h63/AABNfdOI9rf3hlnPi2GUkXBva?dl=0>



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