

ANATOMY & CELL BIOLOGY

NEWSLETTER

May 2020

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UPCOMING SEMINARS

***Discontinued for the remainder
of the school year***

SAVE THE DATES

Virtual Trivia Night

May 29th, 2020

PhD Public Lecture

May 28th, 2020

Spring Social

Postponed

Grad Semi-Formal

Postponed

Memorial Service

Postponed

Awards Day

June 8th, 2020

Murray Barr Lecture

October 23rd, 2020

STAY IN THE LOOP

Tag us at [#westernuACB](#)



ACB Events
Calendar



@westernuACB



ACB Graduate
Council



CONGRATULATIONS

Congratulations to [Dr. Michele Barbeau](#) on the well-deserved appointment as a full-time limited faculty member within Anatomy and Cell Biology at the rank of Assistant Professor.

Congratulations to the MSc Clinical Anatomy Graduating Class of 2020!

[Kait Marshall](#)

[Hannah Roberts](#)

[Kevin Santiago](#)

[Michele Woitowich](#)

[Lily Wolak](#)

[Victoria Agapova](#)

[Diana Draghici](#)

[Mackenzie Ferguson](#)

[Katelyn Marchiori](#)

It was a pleasure to have all of you as part of our ACB family and we wish all of you the very best in your future endeavours!

Congratulations to Sarah Hayes, PhD Candidate, who under the mentorship of Drs. Allman, Whitehead and Inoue has been awarded a BrainsCAN postdoctoral fellowship.

AWARDS & GRANTS

The Department of Anatomy and Cell Biology would like to congratulate [Dr. Silvia Penuela](#) on being named a Western Petro-Canada Young Innovator for 2020 and awarded \$15,000 for the project "Pannexin channels as dynamic regulators of fat accumulation". [Western News featured an article](#) on the Petro-Canada Young Innovator awardees and their work.

<https://news.westernu.ca/2020/05/silvia-penuela-matthew-teeter-named-young-innovators/>

Congratulations to Drs. Doug Hamilton and Sandrine de Ribaupierre who were successful with NSERC Discovery Grants for their respective projects "Combining substratum compliance and topography to investigate cell adhesion and contraction", and "Imaging the development of the auditory network – from fetus to toddler"

AWARDS & GRANTS CONT..

Congratulations to **Katherine Quesnel**, PhD candidate (Berube Lab) on receiving a CIHR doctoral award.

PRESENTATIONS & CONFERENCES

Ornela Kljakic (Prado Lab) presented a poster entitled "Motivation and cue-directed effort are regulated by acetylcholine/glutamate co-transmission from striatal cholinergic interneurons" at the 2nd International Touchscreen Symposium which was held virtually on April 22nd.

NEW PUBLICATIONS



We want to feature your new publications here!

submit them to
anatomy@uwo.ca

Olson R, Mathews L, Liu M, Schellenberg D, Mou B, Berrang T, Harrow S, Correa RJM, **Bhat V**, Pai H, Mohamed I, Miller S, Schneiders F, Laba J, Wilke D, Senthil S, Louie AV, Swaminath A, Chalmers A, Gaede S, Warner A, de Gruijl TD, **Allan A**, Palma DA. Stereotactic Ablative Radiotherapy for the Comprehensive Treatment of 1-3 Oligometastatic Tumors (SABR-COMET-3): Study Protocol for a Randomized Phase III Trial. BMC Cancer, 2020, 20:380.
<https://www.ncbi.nlm.nih.gov.proxy1.lib.uwo.ca/pubmed/32370765>

Tamming, R., Dumeaux, V., Jiang, Y., Shafiq, S., **Langlois, L.**, Ellegood, J., Qiu, L., Jiang, Y., Lerch, J.P. and **Bérubé, N.G.** (2020) Atrx deletion in neurons leads to sexually-dimorphic dysregulation of miR-137 and spatial learning and memory deficits. Cell Reports, in press.
<https://www.biorxiv.org/content/10.1101/606442v1>

Fagan, C., Dapson, R. W., Horobin, R. W. & **Kiernan, J. A.** 2020. Revised tests and standards for certification of alcian blue dyes by the Biological Stain Commission. Biotechnic & Histochemistry 95 (5): (Pages not yet assigned) Published online, Dec 2019.
<https://www.tandfonline.com/doi/full/10.1080/10520295.2019.1699163>

Fagan, C. & **Kiernan, J. A.** 2020. Certification procedures used by the Biological Stain Commission for eriochrome cyanine R (C.I. 43820, Mordant blue 3). Biotechnic & Histochemistry 95(5): (Pages not yet assigned) Published online, March 2020.
<https://www.tandfonline.com/doi/full/10.1080/10520295.2020.1748229>

Balestrini, C. S., Al-Khazraji, B. K., Suskin, N. G., & Shoemaker, J. K. (2020). Does vascular stiffness predict white matter hyperintensity burden in ischemic heart disease with preserved ejection fraction?. American Journal of Physiology-Heart and Circulatory Physiology. DOI:
<https://doi.org/10.1152/ajpheart.00057.2020>

Santos-Concejero, J.,...**Balestrini, C.S.**, et al. (2020). Commentaries on viewpoint: Physiology and fast marathons. Journal of Applied Physiology 128(4): 1069-1085. DOI:
<https://doi.org/10.1152/japplphysiol.00167.2020>

Jaju Bhattad G, **Jeyarajah MJ**, McGill MG, Dumeaux V, Okae H, Arima T, **Lajoie P**, **Bérubé NG**, **Renaud SJ**. Histone deacetylase 1 and 2 drive differentiation and fusion of progenitor cells in human placental trophoblasts. Cell Death Dis. 2020 May 4;11(5):311. doi: 10.1038/s41419-020-2500-6. PMID: 32366868
<https://www.ncbi.nlm.nih.gov/pubmed/32366868>

NEW PUBLICATIONS CONT..

Benoit SM, Xu H, Schmid S, Alexandrova R, Kaur G, Thiruvahindrapuram B, Pereira SL, Jog M, Hebb MO (2020) Expanding the search for genetic biomarkers of Parkinson's disease into the living brain. *Neurobiology of Disease* 140(7). doi: 10.1016/j.nbd.2020.104872.

<https://www.sciencedirect.com/science/article/pii/S0969996120301479>

Jarvis SE, Lee JE, Jewlal E, Barr K, Kelly GM, Laird DW, Willmore KE. Effects of reduced connexin43 function on skull development in the Cx43I130T/+ mutant mouse that models oculodentodigital dysplasia. *Bone*. 2020 Apr 19;136:115365. doi: 10.1016/j.bone.2020.115365. [Epub ahead of print] PMID:32320893
<https://www.ncbi.nlm.nih.gov/pubmed/32320893>

Beach R, Abitbol JM, Allman BL, Esseltine JL, Shao Q, Laird DW. GJB2 Mutations Linked to Hearing Loss Exhibit Differential Trafficking and Functional Defects as Revealed in Cochlear-Relevant Cells. *Front Cell Dev Biol*. 2020 Apr 2;8:215. doi: 10.3389/fcell.2020.00215. eCollection 2020. PMID:32300592

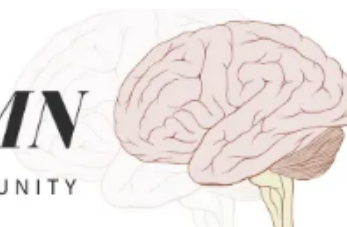
<https://www.ncbi.nlm.nih.gov/pubmed/32300592>

Nikoloudaki G, Creber K, Hamilton DW. Wound Healing and Fibrosis: A Contrasting Role for Periostin in Skin and the Oral Mucosa. *Am J Physiol Cell Physiol*. 2020 Apr 8. doi: 10.1152/ajpcell.00035.2020. [Epub ahead of print]

<https://www.ncbi.nlm.nih.gov/pubmed/32267719>

THE DORSAL COLUMN

SHARING NEUROSCIENCE RESEARCH WITH OUR COMMUNITY



Issue 2 of The Dorsal Column is now available online!

The Dorsal Column is a quarterly science communication blog that aims to take Western-affiliated research out of the lab and into the London community. It is organized by The Science Communication & Outreach Committee of the Society of Neuroscience Graduate Students (SONGS), and all the articles are written by graduate students who are passionate about communicating primary research to the public.

This issue includes a variety of topics that highlight the breadth of neuroscience, including an article by Miguel Peña-Ortiz, PhD candidate (Berube Lab) which focuses on unpacking some research related to epigenetics and intellectual disability in the fruit fly.

You can read all 7 articles from Issue 2 (all under 1000 words) and also access Issue 1 on the [SONGS website](#). Print versions of this issue are currently being designed and will be distributed throughout London later in the summer.

If you have any questions or would like to help The Dorsal Column grow, please get in touch with Faraj Haddad at fhaddad2@uwo.ca

2020 ACB PROMOTION & TENURE

PUBLIC SOLICITATION FOR DR. STEPHEN RENAUD

NOTICE TO ALL FACULTY AND STUDENTS

Dr. Stephen Renaud is being considered for promotion to Associate Professor and the granting of tenure, which requires a public solicitation for letters. For more details and if you're interested in providing a written submission please [click here](#).

ACB EVENTS



Virtual
Trivia night

 **MAY 29TH | 7:00PM - 8:30PM** 

VIRTUAL TRIVIA NIGHT

Thank you to everyone who joined in on our first ACB Trivia Night and congratulations to our winner Michelle Klausner! We are excited to host the second round of Trivia is not so Trivial on May 29th with prizes provided by Dr. Tim Wilson. We hope to see you then!

GRAD STUDENT SOCIAL HOUR

Kelly Baines and Paige Easnor as part of ACB Grad Council will be hosting social hours on Zoom weekly:

Mondays 3:00pm-4:00pm
Thursdays 10:00am-11:00am

These meetings are meant to provide a safe space for ACB Grad Students to express any concerns and to reconnect with peers during this time. Grad students will have received a Zoom meeting ID via email, please reach out to Kelly, Paige or the ACB Admin staff if you need this provided to you again.

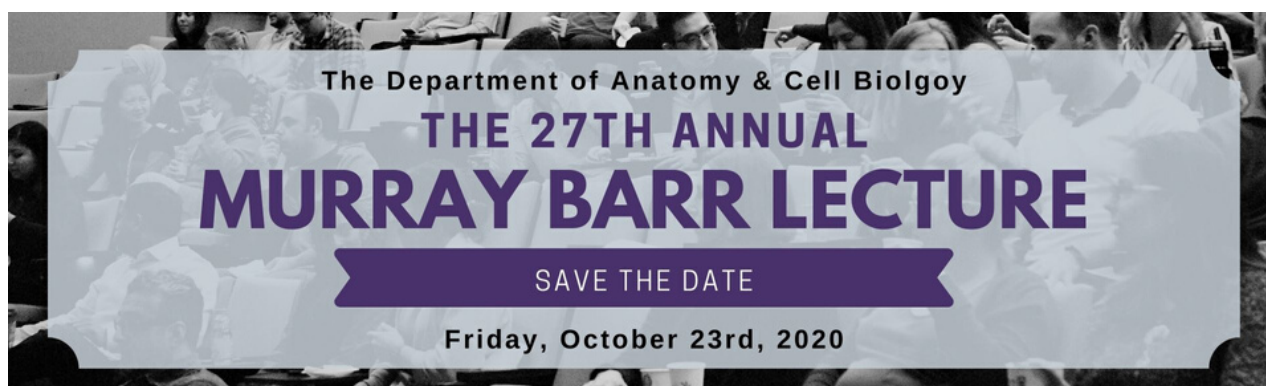


ACB Grad Council
Presents
Social Hour



MURRAY BARR LECTURE

We are pleased to announce Gairdner Award winner Dr. Elaine Fuchs as our guest speaker for the 27th Annual Murray Barr Lecture. The Lecture will take place on Friday, October 23rd 2020, following Anatomy and Cell Biology's annual Research Day. More details can be found [here](#) as well as on the [Anatomy and Cell Biology Events Calendar](#).



The Department of Anatomy & Cell Biology
THE 27TH ANNUAL
MURRAY BARR LECTURE

SAVE THE DATE

Friday, October 23rd, 2020

ACB GIVES BACK



ST. JOHN'S HOSPITALITY DINNER

St. John's is continuing to serve those in need during the Covid-19 pandemic, and requires the ongoing support of Volunteers to help prepare and serve food at the community dinners. Social distancing measures and precautions are in place to ensure the safety of volunteers and patrons. To register, please add your name to the volunteer sign up sheet by [clicking here](#)

ACB.I.N.G.O!

The second round of ACB.I.N.G.O has been placed on hold due to the changes surrounding Covid-19. However, all bingo cards sold in March will remain valid and we will pick up right where we left off when we return to campus. ACB thanks you for your continued support of our fundraising efforts and we look forward to holding many more great events in 2020.



\$1 per Card

PURCHASE MULTIPLES FOR MORE CHANCES TO WIN!

NUMBERS DRAWN DAILY

SUPPORT A GOOD CAUSE

CHECK YOUR NUMBERS HERE

Proceeds will be donated to The Ronald McDonald House London and Lets Talk Science



Keeping families close



The Ronald McDonald House London is a place where out-of town families with seriously ill children can stay for as long as they need and be only 165 steps from Children's Hospital, LHSC.
<https://www.rmhc-swo.ca/about-us/how-we-help>

Lets Talk Science works with over 50 universities including Western, colleges and research institutes, and over 3,500 volunteers, who bring over 55,000 hours of science outreach to Canadian youth
<https://letstalkscience.ca/about-us>

PROMISE WALK FOR PREECLAMPSIA

May is preeclampsia awareness month and to help raise support and funds the London Promise Walk for Preeclampsia is being held virtually on May 31st. Visit <http://bit.ly/pwlondon2020> to register and help them meet their \$5000 goal

Also a thank you to everyone who helped support the Preeclampsia Mothers Day Fundraiser in April. A total of 90 gift baskets were sold raising about \$900 for the Preeclampsia Foundation Canada.



The London Promise Walk for Preeclampsia is going VIRTUAL this year.

Location: YOUR neighbourhood!

Register for FREE: <http://bit.ly/pwlondon2020>. Everyone who registers will be entered into a draw for some great PRIZES!!

Follow us on FACEBOOK: London Promise Walk for Preeclampsia, to stay up to date and be part of some fun pre-walk activities!



Preeclampsia Foundation Canada is a not-for-profit charitable organization.
Charity BN/Registration # 82296 8566 RR0001

