

ANATOMY & CELL BIOLOGY

NEWSLETTER

March 2021

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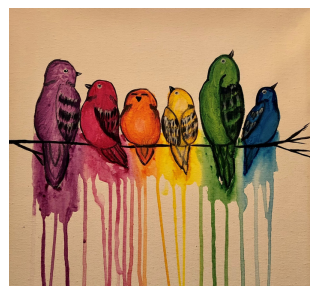
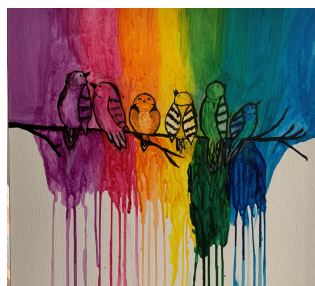
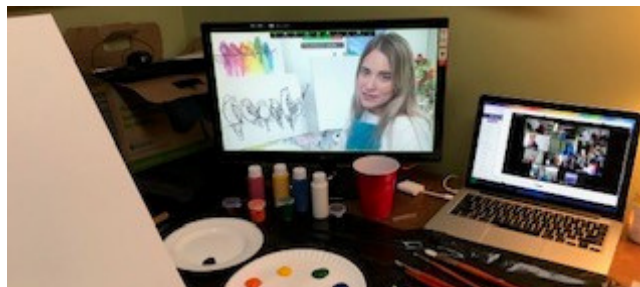
Women in Neuroscience

March, 30th, 2021



ACB ADMIN PAINT NIGHT

The ACB Admin Team got together with the MBP Admin team for a Virtual Paint night and produced some beautiful works of art! A big thank you to [Haley Linklater](#) for planning the night!



STAY IN THE LOOP

Tag us at [#westernuACB](#)



ACB Events
Calendar



@westernuACB



ACB Graduate
Council

WELCOME DR. DOUGLAS HAMILTON



Anatomy & Cell Biology is very pleased to welcome **Dr. Douglas Hamilton** as a new primary appointee to the Department, with a cross appointment in Dentistry. Dr. Hamilton's research program focuses on the cellular and molecular mechanisms underlying wound repair and regeneration in connective tissues including bone, skin and the periodontium.

This includes investigation of the molecular factors involved in degeneration and regeneration of skin, bone and gingival connective tissues; enhancing wound repair around/with bio(active) materials; and design of new topographical and chemical features to enhance integration of biomaterials. Dr. Hamilton is a past member of the Anatomy & Cell Biology Graduate Affairs Committee and will be contributing to cell biology and histology teaching in the BMSc, Dentistry, and graduate programs.

IN CONVERSATION WITH: ANATOMY AND CELL BIOLOGY RESEARCHERS



"In Conversation With: Anatomy and Cell Biology Researchers" is a project organized by the Science Student Council. Twenty-one researchers were interviewed by Beverly Gu, the Anatomy and Cell Biology department undergraduate representative, and are featured on a one-page feature spread with a video clip of the interview. The articles and interviews can be viewed on the department's website.

https://www.schulich.uwo.ca/anatomy/about_us/pdf/In-Conversation-With-Anatomy-and-Cell-Biology-Researchers.pdf

SCHOLARSHIPS, AWARDS & GRANTS

Congratulations to **Drs. Arthur Brown** and **Nathalie Berube** who are part of two of the six interdisciplinary teams that received Collaborative Research Seed Grant Funding.

https://www.schulich.uwo.ca/about/news/2021/march/funding_six_interdisciplinary_teams_receive_collaborative_research_seed_grant_funding.html

Congratulations to **Drs. Alison Allan** and **Trevor Shepherd** who were awarded CIHR project grants for the respective projects; "Influence of breast cancer-derived extracellular vesicles (BCEVs) on lung metastasis of triple negative breast cancer" and "Interrogating the critical requirement of intact LKB1-NUAK1 signaling during the ovarian tumorigenic program"

https://www.schulich.uwo.ca/about/news/2021/march/funding_cihr_project_grant_recipients_announced.html



**CIHR
IRSC**

Canadian Institutes of
Health Research
Instituts de recherche
en santé du Canada

PRESENTATIONS & CONFERENCES

Gargi Jaju, Mariyan Jeyarajah, and Adam Jaremek (Renaud lab) and Chidambra Halari (Lala lab) all presented abstracts at the (virtual) Canadian National Perinatal Research Meeting, February 8th - 12th 2021.

NEW PUBLICATIONS

We want to feature your new publications here!

submit them to anatomy@uwo.ca

De Paz lineris G A, Opperman R M, Majumder M and Lala P K. Prostaglandin E2 Receptor 4 as a Therapeutic Target to Impede Breast Cancer-associated Angiogenesis and Lymphangiogenesis. (Invited review). Cancers, special issue : Targeting blood vessels to treat cancer, 2021
<https://www.mdpi.com/2072-6694/13/5/942/pdf>

Lala P K, Nandi P, Hadi A and Halari CA. Crossroad between placental and tumor biology: what have we learnt? Placenta (Supplement). Trophoblast research. (Invited review) in press, 2021
<https://doi.org/10.1016/j.placenta.2021.03.003>

Gragasin F, Ospina M, Serrano-Lomelin, J, Kim SH, Kokotilo M, Woodman A, Renaud SJ, and Bourque SL. Maternal and cord blood hemoglobin as determinants of placental weight and efficiency: a cross-sectional study. J. Clin. Med. 2021, 10(5), 997;
<https://doi.org/10.3390/jcm10050997>

Samar Sayedyahosseini, Kenneth Huang, Zhigang Li, Christopher Zhang, Alexandra M. Kozlov, Danielle Johnston, Daniel Nouri-Nejad, Lina Dagnino, Dean H. Betts, David B. Sacks, Silvia Penuela. Pannexin 1 binds β -catenin to modulate melanoma cell growth and metabolism
<https://doi.org/10.1016/j.jbc.2021.100478>



Braeden Medeiros, PhD Candidate in the Allan lab, is developing a blood test to assess the risk of lung metastasis in breast cancer patients. Read all about it on the Breast Cancer Society of Canada Blog:
<https://bcsc.ca/updates/braeden-medeiros-is-developing-a-blood-test-to-assess-the-risk-of-lung-metastasis-in-breast-cancer-patients/>

UPCOMING SEMINARS

ANATOMY & CELL BIOLOGY Seminar Series

ACB SEMINAR SERIES- UPCOMING PRESENTATIONS



Friday, March 26th, 2021

Speaker: Donna Zhang, PhD
Professor, Musil Family, University of Arizona Health Sciences, USA
Title: *"The intricacies of NRF2 in Cancer"*
Host: Matthew Borrelli



Friday, April 16th, 2021

Speaker: Mariayan Jeyarajah, PhD Candidate
Anatomy & Cell Biology, Western University
Title: Identifying Novel Transcriptional Regulators in Trophoblast Development"
Host: Dr. Steve Renaud



Friday, April 23rd, 2021

Speaker: Brent Wakefield, PhD
Anatomy & Cell Biology, Western University
Title: *"Pannexin 3 channels in exercise, obesity and osteoarthritis"*
Host: Dr. Silvia Penuela

Join us via Zoom

<https://westernuniversity.zoom.us/j/96347122632#success>

Password: ACBSEM

ANATOMY & CELL BIOLOGY VIDEO ON DEMAND

The ACB Seminar Series recordings are online and available to the department. You can view these videos by logging into Schulich's Video on Demand (VOD) Server with your Western credentials, and navigating to the ACB Private Content section listed under the Anatomy & Cell Biology tab.

[Sign in here to view content](#)

ACB EVENTS

ACB COOKING AND GAMES NIGHT



Join us Friday, **March 26th @ 6pm** as the Social Council Committee hosts our first ACB Cooking Night! We'll be making homemade pizza dough, followed by some casual games via zoom! Check your inboxes for details!

ACB ZOOM WORKOUT SESSIONS

Brent Wakefield and the Penuela lab have opened up their ongoing Zoom workout sessions and are encouraging anyone from the department to participate.

The sessions are completely free and offered Tuesday, Thursday and Sunday 7:00 pm where they run for 45 - 60 minutes.

The workouts are designed to be scalable to any level of fitness and only require a set of dumbbells and/or a band for resistance.

The programming and classes will be led by Brent who is a registered Kinesiologist and has 15 years of experience as a Personal Trainer/ Kinesiologist. Any questions or modifications regarding the programming can be directed to Brent (bwakefi@uwo.ca).

FREE ZOOM WORKOUTS

WESTERN STRENGTH GROUP



TUESDAY, THURSDAY & SUNDAY @ 7:00PM

- All Fitness Levels Welcomed
- Equipment: Set of Dumbbells and/or a Resistance Band
- Programming and Classes Led by Registered Kinesiologist Brent Wakefield

[HTTPS://WESTERNUNIVERSITY.ZOOM.US/J/990216503](https://westernuniversity.zoom.us/j/990216503)



[Brentwakefield3](https://twitter.com/Brentwakefield3)



[Exercisescience](https://www.instagram.com/Exercisescience)



[Exercise Science Institute](https://www.youtube.com/ExerciseScienceInstitute)

ACB EASTER CONTEST

Egg Decorating Contest

Submit photos to anatomy@uwo.ca

The sun is shining, the snow has melted, and Spring has sprung! What better way to celebrate the beginning of Spring than with an Egg Decorating contest! **Contest closes March 29th @ 5pm.** Please send pictures of your egg to anatomy@uwo.ca. Voting for the best egg painting will be available from March 30-31st, with the winners announced on April 1st! The winners will receive a chocolate and candy gift basket from Rheo Thompson!



SCHULICH NEWS & EVENTS

SONGS I WISH I KNEW COMMITTEE PRESENTS...

Being a Woman in Neuroscience

A PANEL DISCUSSION WITH SOME OF WESTERN'S ACCOMPLISHED WOMEN

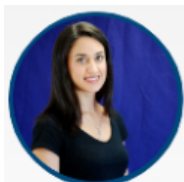
SONGS: BEING A WOMAN IN NEUROSCIENCE

On Tuesday March 30th, at 5pm, the SONGS IWIK committee will be hosting a "Women in Neuroscience" panel. We invite you all to join our esteemed panelists, including Dr. Lisa Saksida, Dr. Marieke Mur, Dr. Ramina Adam, and Niveen Fulcher, for a discussion about being a woman in the field of neuroscience, and in science in general. Please register for the Zoom event using the QR code, or use this [link](#). We are also inviting registrants to anonymously submit questions for our panelists, using the purple QR code included in the poster.

Register Below



Submit Your Questions!



NIVEEN FULCHER



DR. RAMINA ADAM



DR. LISA SAKSIDA



DR. MARIEKE MUR



ACB GIVES BACK

ACB GIVES BACK
St. John's Hospitality Dinner
MARCH 27TH & MAY 1ST

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](#)