

# ANATOMY & CELL BIOLOGY

## NEWSLETTER

**November 2021**

### IN THIS ISSUE

Winter Break

Welcome New Lab Additions

Campus Services

Scholarships, Awards & Grants

Presentations & Conferences

Featured Faculty

New Publications

Schulich Medicine & Dentistry News

ACB Seminar Series

ACB Events

ACB Gives Back!

### UPCOMING SEMINARS

December 3, 2021

December 13, 2021

December 17, 2021

### SAVE THE DATES

**Holiday Movie Bingo**

December 10, 2021

**Holiday Skating**

January 2, 2021



### WINTER BREAK

The University will close for the holidays on Wednesday, December 22, 2021 at 7:00 p.m. through to 6:30 p.m. Sunday, January 2, 2022.

### WELCOME NEW LAB ADDITIONS

Anatomy & Cell Biology welcomes honors thesis students 2021-22, [Michael Zheng](#) and [Seerat Bhatia](#) to the Lala Lab

### CAMPUS SERVICES

**Reach out** for help  
when **you need it.**

### CMHA Virtual After Hours Crisis Counselling

**October 4 to December 8 | every Monday, Tuesday, and Wednesday**

Appointments are available from 5:00 - 9:00 p.m.

### HEALTH & WELLNESS

Western offers a variety of health and wellness supports, most of which can be found by visiting: [uwo.ca/health/](https://uwo.ca/health/)

### STAY IN THE LOOP

Tag us at [#westernuACB](#)



**ACB Events  
Calendar**



**@westernuACB**



**ACB Graduate  
Council**

## SCHOLARSHIPS, AWARDS & GRANTS

Congratulations to the following successful applicants to the London Regional Cancer Program (LRCP) & LAWSON Catalyst Grants Program for Translational Cancer Research:



**Dr. Silvia Penuela** (Anatomy & Cell Biology, Oncology). Co-Applicant: Dr. Kathryn Roth (Otolaryngology)  
PANX3 channels regulate squamous cell carcinoma progression

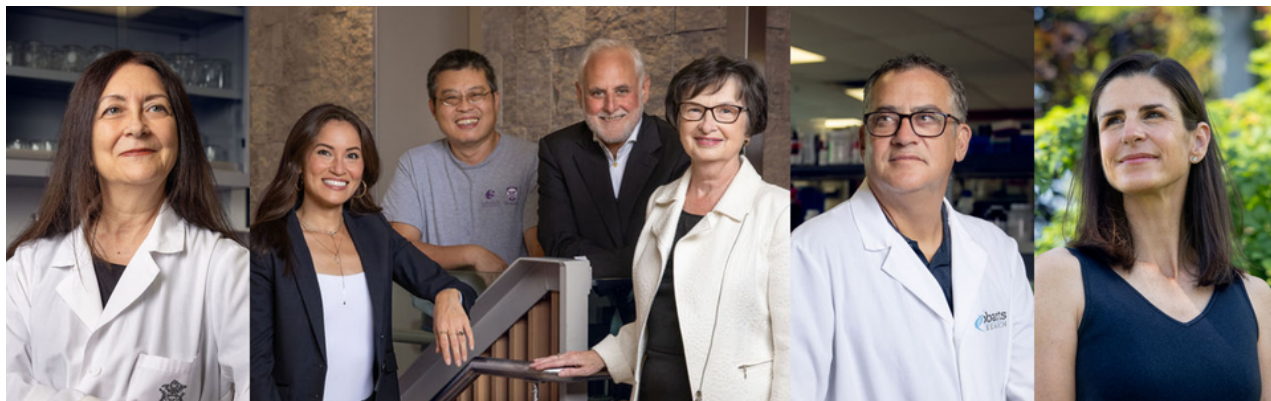


**Dr. Armen Parsyan** (Surgery, Oncology, Anatomy & Cell Biology). Co-Applicant: Dr. Vasudeva Bhat  
Identification and Validation of Novel Genes Associated with Radiation Resistance in Triple Negative Breast Cancer Based on CRISPR-Cas9 Genome-Wide Knockout Screening

## PRESENTATIONS & CONFERENCES

**Dr. Sarfraz Shafiq** (Berube Lab) won best poster presentation at the 7th Canadian Conference on Epigenetics held 3-5 November 2021. Poster title: "Regulation of chromatin structure by ATRX in microglia suppresses cell activation and ensures normal spatial and recognition memory". Authors: **Sarfraz Shafiq**, Miguel A. Pena-Ortiz, Alireza Ghahramani, Kasha Y. Mansour, and Nathalie G. Bérubé

## FEATURED FACULTY



### THE STORY STARTS HERE: ADVANCING DIABETES RESEARCH AND CARE

The October issue of The Pulse, ran a story featuring Schulich Medicine & Dentistry researchers who are leading the way in diabetes research, education and care. **Dr. Michelle Mottola** was one of those researchers, you can read the article "[Share Exercise during pregnancy prevents diabetes between conception and birth](#)" and watch the video [here](#).

## NEW PUBLICATIONS

# We want to feature your new publications here!

submit them to [anatomy@uwo.ca](mailto:anatomy@uwo.ca)

Ala Seif, Carly Shea, [Susanne Schmid](#), Ryan A. Stevenson. A Systematic Review of Brainstem Contributions to Autism Spectrum Disorder. *Front. Integr. Neurosci.*, 01 November 2021 | <https://doi.org/10.3389/fnint.2021.760116>

Matthew D Berg, Joshua R Isaacson, Ecaterina Cozma, Julie Genereaux, [Patrick Lajoie](#), Judit Villen, Christopher J Brandl. Regulating Expression of Mistranslating tRNAs by Readthrough RNA Polymerase II Transcription. *Epub* 2021 Nov 2. <https://pubmed.ncbi.nlm.nih.gov/34726901/>

Khan, S.U., Xia, Y., Goodale, D., Schoettle, G., and [Allan, A. L.](#) Lung-derived selectins enhance metastatic behavior of triple negative breast cancer cells. *Biomedicines* 2021, 9, 1580. <https://doi.org/10.3390/biomedicines9111580>

## SCHULICH MEDICINE & DENTISTRY NEWS



## STRATEGIC PLAN: LEADING IN HEALTH... WITH OUR REGION FOR THE WORLD

Schulich Medicine & Dentistry's new five-year Strategic Plan outlines five strategic priorities: Educational Excellence; Research Impact; Social Accountability; People; and Partnerships. Learn more about the goals established for these priorities. [Read the Plan](#)



## UPCOMING SEMINARS

# ANATOMY & CELL BIOLOGY Seminar Series

### ACB SEMINAR SERIES- UPCOMING PRESENTATIONS



**Friday, December 3rd**

**Speaker:** Sabine Cordes, PhD, Professor, Molecular Genetics, University of Toronto

**Title:** "Post-translational and post-transcriptional mechanisms shaping vertebrate behavior"

**Host:** Dr. Katherine Willmore



**Monday, December 13th**

**Speaker:** PhD Public Lecture, Anatomy & Cell Biology

**Title:** "Understanding the Kinomic Contributions to Tyrosine Kinase Inhibitor Resistance in Triple Negative Breast Cancer"

**Host:** Dr. Alison Allan



**Friday, December, 17th**

**Speaker:** Brent Wakefield, PhD Candidate, 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/92319062457>

### ACB SEMINAR SERIES- RECORDINGS NOW AVAILABLE

## ANATOMY & CELL BIOLOGY VIDEO ON DEMAND

We are excited to announce that the recorded presentations from the ACB Seminar Series are now 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

# HOLIDAY COUNTDOWN

ACB ELF ON THE SHELF NOVEMBER 29TH - DECEMBER 3RD

HOLIDAY MOVIE BINGO FRIDAY, DECEMBER 10TH

DOOR DECORATING CONTEST DECEMBER 13TH - DECEMBER 17TH

### ACB HOLIDAY COUNTDOWN

#### ACB Elf on the Shelf – November 29th- December 3rd

Watch for the ACB Elf to pop into your email throughout the week, can you guess where on campus he is hanging out? Each correct guess will earn you an entry into the prize draw.

#### Holiday Movie Bingo – Friday, December 10th

Join us for bingo featuring all your favorite holiday movies. This is an in person event that will be held on Friday, December 10th 12:30-1:30 in MSB 282. Please register here as space is limited! Multiple prizes to be won! [https://uwo.eu.qualtrics.com/jfe/form/SV\\_bEI5FrXB5oXdWWq](https://uwo.eu.qualtrics.com/jfe/form/SV_bEI5FrXB5oXdWWq)

#### Door Decorating Contest – December 13th – December 17th

We invite you to deck your doors with bells and holly for ACB's annual door decorating contest! Have fun trimming your office/lab doors and submit a photo to [anatomy@uwo.ca](mailto:anatomy@uwo.ca) by Wednesday, December 15th at midnight to be entered into the contest.



### HOLIDAY SKATING

Come skate, snack & sip on hot chocolate & apple cider with us on Sunday, January 2nd, 5:30-7:30pm at Storybook Gardens. ACB Members are welcome to bring their partners and children, admission is covered and a snack and drink voucher will be provided. We ask that you please RSVP by December 20th.

[https://uwo.eu.qualtrics.com/jfe/form/SV\\_3flhSx44bKINInc](https://uwo.eu.qualtrics.com/jfe/form/SV_3flhSx44bKINInc)

## ACB GIVES BACK

### ST. JOHN'S HOSPITALITY DINNER



DECEMBER 11TH

Join fellow students, staff, and faculty in preparing and serving dinner to those in need at the upcoming St. John's community dinner. To register, please add your name to the volunteer sign up sheet by [clicking here](#).



## Stuff a Stocking for a Senior

### HOLIDAY INITIATIVE

The Holidays are fast approaching and what a better way to celebrate than to give back? Last year our stockings for seniors initiative was such a great success and brought so much joy to the residence of Chelsey Park that we have decided to do it again!

We will be providing the gift bags, which can be picked up from the MSB 443.

We encourage you to team up with a group or your lab and see how many gift bags you can fill together! Alternatively, you may choose to contribute a monetary amount and the admin team will use it towards items to fill the bags.

Your stuffed gift bags can be dropped off to MSB 443 by Friday, December 17th

See the following page for a list of gift items and happy giving - The ACB Admin Team



### ACB SOCK DRIVE

In October ACB took the sock pledge with 519Pursuit, an agency that builds relationships with people experiencing homelessness. With the generous donations of our ACB members, we were able to gather 355 pairs of socks to support those in need within the London community.

ACB GIVES BACK

# Stocking Stuffer Ideas

- SWEETS AND TREATS
- DECK OF CARDS
- WORD SEARCH/CROSS WORD BOOKLETS
- ADULT COLOURING BOOKS AND SUPPLIES
- WALL CALENDARS WITH PHOTOS
- SOCKS/ SLIPPERS
- GLOVES WITH FINGERS
- HAND CREAM (UNSCENTED)
- TISSUES (KLEENEX BRAND)

