

# PhysioLINK

January 22, 2020

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## MESSAGE FROM THE CHAIR

Please remember to mark the date for our rapidly approaching faculty retreat on your calendar - **March 9, 2020**. If you have ideas for agenda items that you would like to see covered at this retreat or in future events, please send them to me at [physiology.chair@utoronto.ca](mailto:physiology.chair@utoronto.ca)

**Scott P. Heximer, PhD**

Ernest B. and Leonard B. Smith Chair,  
Department of Physiology

## PHYSIOLOGY SEMINAR SERIES – **Next Seminar**

~ Eligible for PSL1000H/PSL2000H Course Seminar Attendance ~

Department of Physiology Seminar Series

# Translational control mechanisms in persistent pain

Arkady Khoutorsky, PhD, DVM  
Assistant Professor, Principal Investigator

The Alan Edwards Center for Research on Pain  
Department of Anesthesia and  
Faculty of Dentistry  
McGill University

Thursday, January 30, 2020  
4:00 to 5:00 PM

Medical Sciences Building  
Room 2170

\*\*\*Eligible for the PSL1000/2000 Seminars in Physiology Course\*\*\*



Host: Neuroscience Platform

## PHYSIOLOGY SEMINAR SERIES - Upcoming Seminars

~ Eligible for PSL1000H/PSL2000H Course Seminar Attendance ~

Dr. Ivakine is applying for a status-only appointment in the Department. Please come out to hear about his exciting research.

Department of Physiology Seminar Series

# Looking at rare diseases through the CRISPR kaleidoscope: beyond just cutting

**Evgueni A. Ivakine, PhD**

Scientist, Genetics and Genome Biology Program  
Peter Gilgan Centre for Research & Learning

**Thursday, February 6, 2020**  
**4:00 to 5:00 PM**

**Medical Sciences Building**  
Room 2170

\*\*\*Eligible for the PSL1000/2000 Seminars in Physiology Course\*\*\*



Physiology  
UNIVERSITY OF TORONTO

~ Eligible for PSL1000H/PSL2000H Course Seminar Attendance ~

Department of Physiology Seminar Series

# Central Aortic Blood Pressure: A New and Emerging Field

**John Cockcroft, MB, ChB FRCP**  
Cardiff University  
Professor of Cardiology  
Wales Heart Research Institute  
Cardiff, United Kingdom

**Thursday, February 13, 2020**  
4:00 to 5:00 PM

**Medical Sciences Building**  
Room 2170

\*\*\*Eligible for the PSL1000/2000 Seminars in Physiology Course\*\*\*



Physiology  
UNIVERSITY OF TORONTO

Host: Cardiovascular and Respiratory  
Platform

## FACULTY SPOTLIGHT

**Faculty Spotlight is a new series by Julia Tausch (Physiology's Interim Communications Officer) that highlights the stories of U of T Physiology's faculty and research.**



Thank you to **Professor Denise Belsham** for being our first subject!

I'm a neuroendocrinologist, so we look at how hormones coming from the body affect the brain, as well as how the brain can change and control our basic physiology. We study problems like how and why people eat and what affects this process. For instance, if you're eating a high fat diet fat versus a diet high in omega three unsaturated fats, is that going to change the way your brain responds? Yes! We found that if you eat a high fat diet, your brain will become chronically inflamed -- not like a fever but a low-grade inflammatory response. But we also found you can fight that inflammation with anti-

inflammatories and nutrients like omega three fatty acids. [Keep reading...](#)



We also sat down with **Professor Fang Liu** to discuss her lab's recent breakthroughs in the study of post-traumatic stress disorder (PTSD) recently published in the [Journal of Clinical Investigation.](#)

In an effort to communicate our faculty's stories throughout the institution and beyond, we shared the story with the Faculty of Medicine Communications team who published it [on the main site as well.](#)

## UNDERGRADUATE CAREER PANEL

Undergraduate students are invited to attend a **Career Panel** organized by Dr. Helen Miliotis on the evening of January 27<sup>th</sup> in MSB 3227. Physiology alumni will be on hand to share their insights, give advice and answer any questions you may have!

See poster for all details and RSVP information.

### Attention Undergraduate Physiology Students!

*Are you unsure about next steps after graduation?  
Are you curious about career paths with a physiology degree?  
Do you want to hear career insights from physiology alumni?*

Join us!

## PHYSIOLOGY CAREER PANEL



**Julie Szirtes**

*Associate Director  
Clinical R & D*

Apotex



**Jake Tran**

*President and CEO*

Toronto Grace  
Health Centre



**Jack Yu**

*Lawyer and Partner*

Fasken

**Monday January 27th**  
**6:00pm – 7:30pm**  
**MS 3227**

**PIZZA SERVED!**

RSVP AT  
[helen.miliotis@utoronto.ca](mailto:helen.miliotis@utoronto.ca)

## GASP NEWS – January Orientation

GASP worked with the department this year to organize the first January Orientation for the incoming cohort of graduate students. It was a fruitful orientation where the students had a chance to meet some friendly faces from the department and learn about the expectations and requirements of the graduate program. We hope that this will be a recurring event, so all future incoming students can feel immediately welcome in our department!

Shahin Khodaei  
GASP President



**We want to hear about the great things happening in Physiology!**

Please share your accomplishments, awards...  
Send news items to the Chair's Office c/o  
[e.katsoulakos@utoronto.ca](mailto:e.katsoulakos@utoronto.ca)