



FEBRUARY 9, 2018

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MESSAGE FROM THE VICE-CHAIR, RESEARCH



The Faculty of Medicine is soliciting suggestions for “nodes of scientific excellence” as part of its Strategic Planning process. The focus will be on developing research clusters within the Faculty and broader Toronto research community that will have a long-term competitive advantage at the international level. If you have ideas regarding areas of research focus that you believe should be included in these discussions, please forward these to either myself or the Physiology Chair’s office.

Best wishes.

Scott Heximer, PhD

HONOURS & AWARDS

Congratulations to all of the following faculty members on their successes in CIHR's Fall 2017 Project Grants competition.

Project Grant Recipients:

Gramolini, Anthony O	University of Toronto	Project Grant	Detailed characterisation of the role of Reep5 in endo(sarco)plasmic formation, maintenance, and function in cardiac muscle Details...	\$730,575	5 yrs 0 mth
Jia, Zhengping	Hospital for Sick Children (Toronto)	Project Grant	Molecular and synaptic mechanisms underlying social memory and its impairments in brain disorders: role of PAK signaling Details...	\$979,200	5 yrs 0 mth
Juriscova, Andrea	Sinai Health System (Toronto)	Project Grant	Mitochondrial dysfunction and reproductive aging in female germline Details...	\$998,325	5 yrs 0 mth
Wang, Lu-Yang	Hospital for Sick Children (Toronto)	Project Grant	The roles of neuronal calcium sensor-1 protein in synaptic development and neuropsychiatric disorders Details...	\$1,017,450	5 yrs 0 mth

Bridge Grant Recipients

Liu, Fang	Centre de toxicomanie et de santé mentale	The role of FK506 binding protein 51 in the regulation of glucocorticoid receptor signaling Détails...	100 000 \$	1 an 0 moi
Wang, Lu-Yang	Hospital for Sick Children (Toronto)	Targeting a Novel Molecular Locus for Pharmacological and Genetic Rescue of Fragile X Syndrome Détails...	100 000 \$	1 an 0 mois

PHYSIOLOGY SEMINAR SERIES

~ Eligible for PSL1000H/PSL2000H Course Seminar Attendance ~

Daniel Schramek, PhD

Principal Investigator
Assistant Professor, Dept. of Molecular Genetics, U of Toronto
Canadian Research Chair in Functional Cancer Genomics
Lunenfeld-Tanenbaum Research Institute
Mount Sinai Hospital

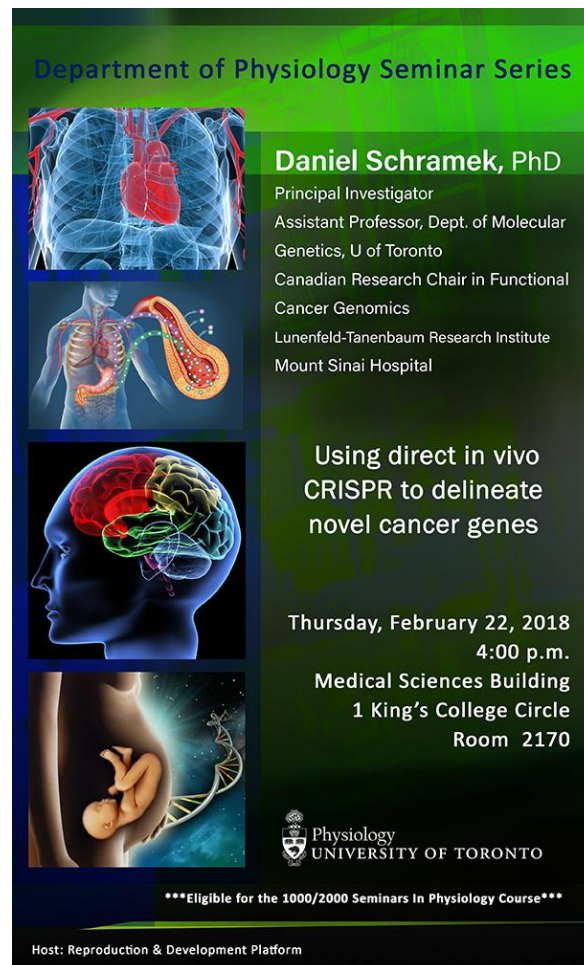
Title: **Using direct in vivo CRISPR to delineate novel cancer genes**

Date: February 22, 2018

Time: 4:00pm–5:00pm

Location: Medical Sciences Building, Room 2170

Host: Reproduction and Development Platform



The poster features a vertical stack of four scientific illustrations on the left: a human torso showing the heart and lungs, a human torso showing the digestive system, a human head in profile showing the brain with neural pathways, and a fetus in a womb next to a DNA double helix. The text is arranged in columns on the right side of the poster.

Department of Physiology Seminar Series

Daniel Schramek, PhD
Principal Investigator
Assistant Professor, Dept. of Molecular Genetics, U of Toronto
Canadian Research Chair in Functional Cancer Genomics
Lunenfeld-Tanenbaum Research Institute
Mount Sinai Hospital

Using direct in vivo CRISPR to delineate novel cancer genes

Thursday, February 22, 2018
4:00 p.m.
Medical Sciences Building
1 King's College Circle
Room 2170

Physiology
UNIVERSITY OF TORONTO

Eligible for the 1000/2000 Seminars in Physiology Course

Host: Reproduction & Development Platform

FIP – Call for Abstracts

Hello Physiology Graduate Students!

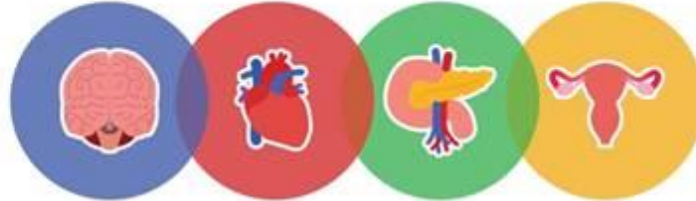
The **38th annual Frontiers in Physiology (FIP) Research Symposium** is just around the corner. FIP is the Department of Physiology's annual research day, bringing together researchers from all of our platforms. This year, **FIP will be held on May 4, 2018 at the MaRS Auditorium**. We are very excited to open registration & begin our call for abstract submissions. *Please follow the link below to register and submit your abstract.*

<https://goo.gl/forms/SuEQwKds8TEkZfsR2>

We are thrilled to welcome Dr. Mona Nemer, a distinguished cardiac researcher and Canada's Chief Science Advisor, as our Keynote Speaker. Dr. Nemer's work focuses on the molecular mechanisms of heart development and function, heart failure, and congenital heart disease.

ABSTRACT CALL

Friday May 4th 2018 MaRS Discovery District



FRONTIERS IN PHYSIOLOGY
38TH ANNUAL

SUBMISSION CLOSES: MARCH 2nd 2018

For all questions email: UofTFIP@gmail.com

Stay tuned for more information!

Sincerely,

Vivian Szeto & Scott Frendo-Cumbo
FIP 2018 Co-Chairs

GASP NEWS

GASP has many fun activities planned for the month of February!

Please join us for these, and other planned activities. Details in poster below.



GASP
February 2018

**Frontiers in Physiology (FIP) 2018
Call for Abstracts!**
Abstract submission request will be sent out:
February 5th

This year FIP will be taking place on **May 4th, 2018** at MaRS in the lower concourse and auditorium. Our Keynote speaker is **Dr. Mona Nemer**, Canada's Chief Science Advisor

Pub Night
WHERE: Red Room (444 Spadina Rd.)
WHEN: Thursday, February 1st at 7PM

Can you feel the love tonight?
FREE apps provided courtesy of GASP!

Off-Campus Seminars
Expand your scientific knowledge by attending other seminars happening at UofT! Check out GASP's website for the calendar of upcoming seminars **OUTSIDE** of the PSL department.

<http://sites.utoronto.ca/gasp/pages/seminars.html>

Karaoke!
WHERE: Bar+ (360 Yonge St. - 2nd Floor)
WHEN: Friday, February 23 at 7 pm

PSL students pay \$5-10 depending on number of people. Non-PSL pay \$15

Feel free to bring food (no beverages).
Please bring ID. RSVP to Neemat
(neemat.mahmud@mail.utoronto.ca)
by February 22

SkyZone Trampoline Park
WHERE: 45 Escobar Dr. - Unit 1A
WHEN: Saturday, February 17th at 4 PM

Cost: Approximately \$10

Better jump on this deal!

Off-Campus Coffee Break
WHERE: Ted Rogers Centre for Heart Research (14th Floor)
WHEN: Wednesday, February 7th from 2-3 PM
Free Timbits and coffee!

GASP Coffee Break
WHERE: MSB Lunchroom

Once a month, GASP coffee break is moving to Thursday before seminars. Join us **THURSDAY, Feb 22nd 3 PM** in the MSB lunchroom.

For all other weeks, join us **Wednesdays at 2pm**, for our regular scheduled coffee break

GASP! Wear Did You Get That?

GASP has something in store that will surely make heads turn! Stay tuned for details!

GASP Has Instagram!
Check out GASP's Instagram!
[@uoft_gasp](#)

Like Us On Facebook!
Are you more active on Facebook?
<https://www.facebook.com/UofTGASP>

INTERNATIONAL WOMEN'S DAY GALA 2018

by WISE UofT Chapter

WISE is a student-run organization that is dedicated to supporting and inspiring women in STEM to achieve their full potential as scientists, engineers, and leaders.

Women in Science and Engineering (WISE), U of T Chapter is holding an International Women's Day Gala at **Hart House** on **March 10 from 6-9pm**, to commemorate the accomplishments of women across the world.

See link below for more details on their March 10th event.

Eventbrite: <https://www.eventbrite.ca/e/international-womens-day-gala-2018-tickets-42724884279?aff=efbeventtix>

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