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:**

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

**Bridge Grant Recipients**

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Project Title</th>
<th>Funding</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liu, Fang</td>
<td>Centre de toxicomanie et de santé mentale</td>
<td>The role of FK506 binding protein 51 in the regulation of glucocorticoid receptor signaling</td>
<td>100 000 $</td>
<td>1 an 0 moi</td>
</tr>
<tr>
<td>Wang, Lu-Yang</td>
<td>Hospital for Sick Children (Toronto)</td>
<td>Targeting a Novel Molecular Locus for Pharmacological and Genetic Rescue of Fragile X Syndrome</td>
<td>100 000 $</td>
<td>1 an 0 mois</td>
</tr>
</tbody>
</table>
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
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.

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.
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

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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