

## 2022 SEMINARS

### **Natasha Chang, Ph.D.**

Assistant Professor  
Department of Biochemistry  
McGill University

"Molecular mechanisms of muscle stem cell function and dysfunction"

Monday, December 12, 2022

TIME: 12:00 pm

In-person Seminar -  
McIntyre Medical Building  
Room 1345

Host: Prof. Jason Tanny

### **Prof. Ziv Gan-Or, MD, Ph.D**

Assistant Professor  
Department of Neurology and  
Neurosurgery  
McGill University

"How genetic studies inform translational efforts and clinical trials in synucleinopathies"

Monday, December 05, 2022

TIME: 12:00 pm

In-person Seminar - McIntyre  
Medical Building Room 1345

Host: Prof. Prof. Jean-Francois  
Trempe

### SENIOR SEMINAR

#### **Joshua Emmerson**

Ph.D Candidate – Prof. Claudio Cuello's  
Lab

"Leveraging preclinical rat models of human tauopathy to unravel novel roles of tau in disease"

Monday, November 21, 2022

TIME: 12:00 pm

In-person Seminar - McIntyre  
Medical Building Room 1345

Host: Prof. Claudio Cuello

### **Katie Cockburn, PhD**

Assistant Professor  
Department of Biochemistry  
Goodman Cancer Institute  
McGill University

*"Keeping up with the neighbors: local control of stem cell fates revealed through intravital imaging"*

Monday, November 07, 2022

TIME: 12:00 pm

In-person Seminar - McIntyre  
Medical Building Room 1345

Host: Prof. Terry Hébert

### SENIOR SEMINAR

#### **Heather Fice**

"The impact of advanced paternal age on germ cell chromatin"

Monday, October 17, 2022

TIME: 12:00 pm

Ph.D Candidate – Prof. Bernard Robaire’s Lab		In-person Seminar - McIntyre Medical Building Room 1345 Host: Prof. Bernard Robaire
<b>SENIOR SEMINAR</b> <b>Ariane Lismer</b> Ph.D Candidate – Prof. Sarah Kimmins’ Lab	<i>“Elucidating how histone methylation in sperm is transmitted to the embryo and implicated in development”</i>	Monday, October 03, 2022 TIME: 12:00 pm In-person Seminar - McIntyre Medical Building Room 1345 Host: Prof. Sarah Kimmins
<b>SENIOR SEMINAR</b> <b>Irem Ulku</b> The Integrated Program in Neuroscience Ph.D Candidate – Prof. Gerhard Multhaup’s Lab	<i>“Characterization of the Indicator of Amyloid Clearance Activity: Aβ34 Production, Degradation, and Its Role as a Novel Biomarker in Alzheimer Disease”</i>	Monday, October 03, 2022 TIME: 1:00 pm In-person Seminar – Bellini Room 132 Host: Prof. Gerhard Multhaup
<b>Jessica Tollkuhn, Ph.D</b> Associate Professor Cold Spring Harbor Laboratory	<i>“Gene regulation by gonadal hormone receptors defines brain sex differences”</i>	Monday, September 26, 2022 TIME: 12:00 pm In-person Seminar - McIntyre Medical Building Room 1345 Host: Prof. Daniel Bernard
<b>Prof. Roger Nitsch</b> Full Professor at the Faculty of Medicine, University of Zurich and Director at the Hospital for Psychogeriatric Medicine at the Psychiatric University Hospital Zurich.	<i>“Discovery of Aducanumab for the treatment of Alzheimer’s disease”</i>	Thursday, September 22, 2022 TIME: 3:30 pm In-person Seminar - McIntyre Medical Building Room 504 (Martin Amphitheater) Host: Prof. Claudio Cuello
<b>The McGill iGem team</b> is a student run research initiative based on campus that aims to use synthetic biology research for public welfare and the advancement of society.	<i>“Engineering a cholesterol to coprostanol conversion pathway in Bacillus Subtilis as a novel cholesterol lowering probiotic”</i>	Monday, September 19, 2022 TIME: 12:00 pm In-person Seminar - McIntyre Medical Building Room 1345

<p><b>Maria Ioannou, Ph.D</b> Canada Research Chair in Brain Lipid Cell Biology Assistant Professor, Department of Physiology Adjunct, Department of Cell Biology Faculty of Medicine and Dentistry University of Alberta</p>	<p><i>“Mechanisms and function of neuronal lipid release”</i></p>	<p>Thursday, September 08, 2022 TIME: 12:00 pm In-person Seminar - McIntyre Medical Building Room 1027 Host: Prof. Lisa Munter</p>
<p>SENIOR SEMINAR <b>Jennifer Chen</b> Ph.D Candidate - Prof. Jason Tanny’s Lab</p>	<p><i>“Elucidating novel gene regulatory functions of the transcription elongation factor Rtf1”</i></p>	<p>Monday, July 18, 2022 TIME: 12:00 pm In-person Seminar - McIntyre Medical Building Room 1034 Host: Prof. Jason Tanny</p>
<p>SENIOR SEMINAR <b>Anne-Sophie Pépin</b> Prof. Sarah Kimmins Lab</p>	<p>Investigating the molecular mechanisms underlying paternal effects of obesity on the sperm epigenome, the developing placenta, and the transmission of metabolic disorders</p>	<p>Monday, June 20th 2022 TIME: 12:00 pm <a href="#">Join Zoom Meeting</a> Meeting ID: 892 8750 5160 Passcode: 811843 Host: Prof. Sarah Kimmins</p>
<p><b>Dan Jarosz, PhD</b> Associate Professor Department of Chemical and Systems Biology Operations Stanford University</p>	<p>Protein-based inheritance: Epigenetics beyond the chromosome</p>	<p>Monday, May 30, 2022 TIME: 12:00 pm In-person Seminar - McIntyre Medical Building Room 521 (Meakins) Host: Prof. Jason Tanny</p>
<p><b>SPECIAL LECTURE</b></p>	<p>“Protein Kinase G connects with mTOR – and the rest (as they say) is history”</p>	<p>Wednesday, May 25, 2022</p>

TIME: 12:00 pm

In-person Seminar - McIntyre  
Medical Building Room 1034

Host: Prof. Terry Hébert

**David A. Kass, M.D.**

*2020 Louis and Artur Lucien Award  
Recipient*

Abraham and Virginia Weiss Professor of  
Cardiology

Professor of Medicine

Professor of Pharmacology and Molecular  
Sciences

Professor of Biomedical Engineering

Director, Institute of Cardio Science

Johns Hopkins University School of  
Medicine.

**Antoine Dufour, PhD**

Assistant Professor  
Department of Physiology &  
Pharmacology  
University of Calgary

*"Social Media Influencers of Tissues: #proteases  
#macrophages"*

Monday, May 16, 2022

TIME: 12:00 pm

Location: In-person Seminar -  
McIntyre Medical Building  
Room 521 (Meakins)

Host: Prof. Ajitha  
Thanabalasuriar

SENIOR SEMINAR

**Kyla Bourque**  
Prof. Hébert Lab

*"Development of tools and a heart-in-a-dish model  
to study cardiovascular health and disease"*

Monday, May 9, 2022

TIME: 12:00 pm

In-person Seminar - McIntyre  
Medical Building Room 521  
(Meakins)

Host: Prof. Terry Hébert

**Prof. Éric Boilard**

Professor  
Department of Microbiology-Infectiology  
and Immunology  
Faculty of Medicine, Université Laval

*"Role of platelets and their extracellular vesicles in  
inflammation"*

Monday, May 2, 2022

TIME: 12:00 pm

In-person Seminar - McIntyre  
Medical Building Room 521  
(Meakins)

Host: Prof. Jean-François  
Trempe

**Nicolas Pilon, PhD**  
Professor, Department of Biological Sciences  
University of Quebec in Montreal (UQAM)

*“Molecular dissection of CHARGE syndrome: From nucleocytoplasmic shuttling to chromatin-mediated alternative splicing and R-Loops.”*

Monday, April 11, 2022

TIME: 12:00 pm

Location: In-person Seminar - McIntyre Medical Building Room 521 (Meakins)

Host: Prof. Jason Tanny

SENIOR SEMINAR

*“IGSF1: past, present and future”*

Monday, March 28, 2022

TIME: 12:00 pm

[Join Zoom Meeting](#)  
Meeting ID: 813 2969 2663  
Passcode: 161311

Host: Prof. Dan Bernard

**Susanne Bechstedt, PhD**  
Assistant Professor  
Dept. Anatomy and Cell Biology- McGill  
Assistant Professor  
Anatomy and Cell Biology  
McGill University

*“Microtubule-associated proteins in cancer and neurodegeneration ”*

Monday, March 7, 2022

TIME: 12:00 pm

[Join Zoom Meeting](#)  
Meeting ID: 856 5533 1499  
Passcode: 392181

Host: Prof. Jean-Francois Trempe

**Gil Bub, PhD**  
Associate Professor  
Department of Physiology  
McGill University

*“High-throughput and 3D cardiac imaging technologies”*

Monday, February 21, 2022

TIME: 12:00 pm

[Join Zoom Meeting](#)  
Meeting ID: 835 1838 7694  
Passcode: 578796

Host: Prof. Terry Hébert

**Maureen McKeague, PhD**  
Canada Research Chair in Genomic Chemistry, Tier II  
Assistant Professor, McGill University  
Department of Pharmacology & Therapeutics  
Faculty of Medicine & Health Sciences  
Department of Chemistry, Faculty of Science

*“Developing oligonucleotide therapeutics for cancer”*

Monday, February 7, 2022

TIME: 12:00 pm

[Join Zoom Meeting](#)  
Meeting ID: 835 3117 6360  
Passcode: 424714

Host: Prof. Terry Hébert

**Maria Vera Ugalde, PhD.**  
Assistant Professor  
Department of Biochemistry  
McGill University

*“Imaging single mRNA molecules to investigate  
neuronal protein homeostasis”*

Monday, January 17, 2022

TIME: 12:00 pm

[Join Zoom meeting](#)  
Meeting ID: 824 7396 8595  
Passcode: 439619

Host: Prof. Terry Hébert

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