Dr. Philipp Voigt **Assistant Professor** **Welcome Trust Centre for Cell Biology (WTCOB)** **University of Edinburgh**	"Histone Methylation Crosstalk at Developmental Genes"	**Wednesday, August 2, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Keith Siklenka **Ph.d Candidate** **Sarah Kimmins Lab** **Senior Seminar**	Sperm Histone Methylation is implicated in paternal epigenetic inheritance	**June 26, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Baraa Noueihed **Ph.d Candidate** **Sylvain Chemtob Lab** **Senior Seminar**	Mesenchymal Stem Cells promote vascular repair in a model of Oxygen-Induced Retinopathy	**May 29, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Fabien Pinaud **Assistant Professor** **Biological Sciences** **Chemistry, Physics and Astronomy** **USC**	"Investigating the molecular basis of muscular dystrophy diseases by single molecule imaging in cells and live animal models"	**May 15, 2017** **4pm** **R. Howard Palmer Amphitheatre, 5th Floor** **Room 522** **McIntyre Medical Sciences Building**

Dr. Filip Van Petegem **Associate Professor** **The University of British Columbia** **Dept. of Biochemistry and Molecular Biology**	"Cardiac Arrhythmias and muscle disorders at high resolution: structural insights into calcium-selective ion channels"	**May 8, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Nahum Sonenberg, PhD **James McGill Professor** **Department of Biochemistry** **McGill University** **Investigator Howard Hughes Medical Institute**	"Translational control by eIF4E of Fragile X syndrome"	**May 1, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Brian Kobilka **NOBEL PRIZE WINNER 2012 - Chemistry** **Professor of Molecular and Cellular Physiology** **Helene Irwin Fagan Chair in Cardiology** **Stanford University of Medicine**	"Structural Insights into G Protein-Coupled Receptor Signaling"	**April 24, 2017** **12pm** **R. Howard Palmer Amphitheatre, 5th Floor** **McIntyre Medical Sciences Building**
Dr. Juan Bonifacino **National Institute of Health (NIH), USA** **Distinguished Investigator & Associate Scientific Director** **Cell Biology & Neurobiology Branch**	"On the move: mechanisms and functions of lysosome positioning"	**Wednesday** **April 19, 2017** **Charles Leblond** **Amphitheatre** **SADB room M-1** **11:30am**
Dr. Axel T. Brunger **Investigator, Howard Hughes Medical Institute**	"Molecular mechanisms of synaptic neurotransmitter release"	**TUESDAY** **April 18, 2017**

Professor and Chair, Department of Molecular and Cellular Physiology **Stanford University**		**12pm** **Charles F Martin Amphitheatre** **Room 504** **McIntyre Medical Sciences Building**
Dr. Stéphane Richard **Associate Director Research** **Lady Davis Institute** **Professor, Departments of Oncology and Medicine, McGill University** **CIHR Investigator** **James McGill Professor** **FRSQ Chercheur National**	"Arginine methylation and QUAKING as regulators of CNS myelineation"	**April 10, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Rosemary C. Bagot **Assistant Professor** **Department of Psychology** **McGill University**	"Transcriptional networks of stress susceptibility"	**April 3, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Masad Damha **Chair, Department of Chemistry** **McGill University** **James McGill Professor**	"Applying the chemist's toolbox for studying nucleic acid structure and function"	**March 27, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Jack Antel, MD **Professor** **The Montreal Neurological Institute** **McGill University**	"Multiple sclerosis: a treatable neurodegenerative disease? "	**March 20, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**

David Westaway, Ph.D **Professor Neurology** **Director Centre for Prions and Protein Folding Diseases** **University of Alberta** **Lecture in Honour of Julius Lowenthal**	CANCELLED "Prions, pre-prions and a prion-like neurodegenerative disease"	**March 13, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Jean-Pierre Julien **Professor** **Institut universitaire en santé mentale de Québec** **Laval Université** **Lecture in Honour of Julius Lowenthal**	"From physiopathology of ALS to experimental therapeutics"	**March 6, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Koren K. Mann **Senior Investigator** **Lady Davis Institute** **Associate Professor of Oncology** **McGill University** **Lecture in Honour of Julius Lowenthal**	"Mechanisms of arsenic-enhanced atherosclerosis"	**February 27, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Ghalib Bardai **PhD Candidate** **McGill University** **Department of Pharmacology and Therapeutics**	"Developmental Toxicity of Glyceryl Trinitrate"	**February 20, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Ronald Postuma, MD, MSc	"Predicting Parkinson's disease: The New Frontier"	**February 13,**

Investigator, RI-MUHC, Montreal General Hospital **Brain Repair and Integrative Neuroscience (BRaIN) Program** **Associate Professor, Department of Neurology and Neurosurgery, Faculty of Medicine, McGill University** **Lecture in Honour of Julius Lowenthal**		**2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Edith Hamel, PhD **Professor Department of Neurology & Neurosurgery** **MNI The Montreal Neurological Institute and Hospital** **McGill University**	"Vascular factors in Alzheimer's disease: interventions and cognitive benefits"	**February 6, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Thomas Nardelli, Ph.D Candidate **Senior Seminar** **Department of Pharmacology & Therapeutics** **McGill University**	"Protecting Our Future: A Strategy to Identify Innocuous Plasticizers as Phthalate Replacements"	**January 30, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Sponsored by GEPROM **Dr. R. Scott Prosser** **Professor** **Departments of Chemistry and Biochemistry** **University of Toronto** **Director of Master of Biotechnology Program**	"Molecular Underpinnings of Pharmacological Phenomena in G Protein-Coupled Receptors - An NMR Study of the Adenosine A2A Receptor"	**January 23, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Christopher Thibodeaux **Professor, Department of Chemistry** **McGill University**	"RiPPing Apart the Rules of Lanthipeptide Biosynthesis"	**January 16, 2017** **12pm, Room 1345**

		McIntyre Medical Sciences Building
Dr. Serge Gauthier, C.M., MD, FRCPC **Professor, Departments of Neurology & Neurosurgery, Psychiatry, Medicine, McGill University** **Director of the Alzheimer Disease and Related Disorders Research** **Unit of the McGill University Research Centre for Studies in Aging, Douglas Mental Health University Institute.**	"Update on Alzheimer pharmacotherapy"	**January 9, 2017** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Sylvain Williams **Professor** **Dept of Psychiatry** **Douglas Mental Health University Institute McGill University**	"Determining the role of sleep in memory consolidation; An optogenetic study in freely behaving mice"	**December 19, 2016** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Daniel De Carvalho **Helen M Cooke Assistant Professor in Cancer Epigenetics** **Scientist, Princess Margaret Cancer Centre** **Dept. of Medical Biophysics, University of Toronto**	"DNA methylation as biomarker and therapeutic target in cancer"	**December 12, 2016** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Stephen Hammes **Louis S Wolk Distinguished Professor of Medicine** **Chief, Division of Endocrinology and Metabolism** **Department of Medicine University**	"Where do LAMs come from? Probing the mysteries of lymphangioleiomyomatosis"	**December 5, 2016** **12pm, Room 1345** **McIntyre Medical Sciences Building**

of Rochester Medical Center School of Medicine and Dentistry		
Tarik Moroy **President and Scientific Director Institut de recherches cliniques de Montréal** **IRCM Canada Research Chair in Hematopoiesis and immune cell differentiation** **Professor, Dept. de microbiologie et immunologie Université de Montréal**	"Growth factor independence 1b (Gfi1b) regulates Wnt signaling in hematopoietic stem cells and megakaryocytes by recruiting LSD1 to beta-catenin targets"	**November 28, 2016** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Alba Guarne **Professor, Department of Biochemistry** **McGill University**	"Understanding how weak protein-protein interactions modulate the DNA damage response"	**November 22, 2016** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Ellen Zhou **Senior Student, Chemtob Lab** **Department of Pharmacology & Therapeutics**	"Applying Optical Coherence Tomography (OCT) in rodent pups: caution about corneal calcification associated with anesthetic"	**November 21, 2016** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. Anthony Mittermaier **Associate Professor Department of Chemistry McGill University**	"Mapping the energy landscape of biomolecule function by NMR and calorimetry"	**November 14, 2016** **12pm, Room 1345** **McIntyre Medical Sciences Building**
Dr. John Pascal **Université de Montréal Dépt de**	"PARP-1 mechanism of activation in the cellular response to DNA damage"	**November 7, 2016**

biochimie		**12pm, Room 1345** **McIntyre Medical Sciences Building**
Yining Li Senior Student, Bernard Lab Department of Pharmacology & Therapeutics	"Mechanisms of activin and inhibin action on FSH synthesis in vivo"	**October 31, 2016** 12pm, Room 1345 McIntyre Medical Sciences Building
THEODORE L. SOURKES LECTURE IN NEUROPHARMACOLOGY **Prof Michel Goedert** Medical Research Council Laboratory of Molecular Biology, Cambridge, UK	"Synucleinopathies and Tauopathies"	**October 27, 2016** 2-3pm, Room 1345 McIntyre Medical Sciences Building
Chia-Hao Chang Senior Seminar	"Rab7-mediated autophagosomal regulation on cell-matrix adhesion turnover"	**October 24, 2016** 12pm, Room 1345 McIntyre Medical Sciences Building
Sponsored by **GEPROM** **Yoshihiro Kubo** Department of Molecular Physiology National Institute of Physiological Sciences Japan	"Dynamic aspects of the function and stoichiometry of membrane proteins"	**October 17, 2016** 4pm, Room 521 Meakins Amphitheatre McIntyre Medical Sciences Bldg Reception to follow in Bellini Atrium
MARK NICKERSON MEMORIAL LECTURE	RNA biology, metabolism, and a new function of the genome?	**October 3, 2016** 1pm, Room 1345

Matthias Hentze Prof.Dr.med., ML, FAA Director, European Molecular Biology Laboratory (EMBL)		McIntyre Medical Sciences Building Reception to follow in Bellini Atrium
Uri Saragovi Professor, McGill University Lady Davis Institute Jewish General Hospital	Drug Development and Academic Translational Medicine: From Target Discovery and Validation to Experimental Therapeutics	**September 26, 2016** 12pm, Room 1345 McIntyre Medical Sciences Building
Greg Fitzharris Professeur Agregé, Département d'Obstétrique-Gynécologie, Universtié de Montréal	Segregating chromosomes in oocytes and embryos; the importance of getting it right	**September 12, 2016** 12pm, Room 1345 McIntyre Medical Sciences Building
Sponsored by **GEPROM** **Kim Doré** University of California, San Diego	FRET-FLIM reveals transmembrane conformational signaling at NMDA receptors that is required for synaptic depression	**June 23, 2016** 12pm, Room 1345 McIntyre Medical Sciences Building
Tamara Ouspenskaia, Ph.D. HHMI International Fellow Laboratory of Mammalian Cell Biology and Development	Mechanisms of stem cell specification during organ morphogenesis	**June 20, 2016** 12pm, Room 1345 McIntyre Medical Sciences Building
Adeola Shobo School of Pharmacy University of KwaZulu Natal Durban, South Africa	Maldi-Imaging as a tool for drug distribution studies of selected anti-tubercular drugs	**June 13, 2016** 11:30am - 12:30pm Room 1345 McIntyre Medical

		Sciences Building