

2022 Schedule

All seminars take place at 11:00 a.m., unless otherwise noted. Online seminars are given via Zoom, and all in-person seminars take place in Room 1034, McIntyre Medical Sciences Building, 3655 promenade Sir William Osler, unless otherwise noted.

Date:	Topic:	Speaker:
Sept. 9	"DOCK8 controls the immune response to food allergens"	Dr. Stephanie Eisenbarth, The Centre of Human Immunology, Northwestern University Feinberg School of Medicine Online seminar
Sept.16	"Portal systems of brain: Channeling Geoffrey Wingfield Harris"	Dr. Rae Silver, Department of Psychology, Columbia University In-person seminar
Sept.23	"Understanding dorsal horn circuits mediating mechanical allodynia"	Dr. Cedric Peirs, Principal Investigator, Neuro-Dol: Team Trigeminal pain and Migraine National Institute of Medical Research and Health, University of Auvergne, Clermont-Ferrand, France In-person seminar
Sept.30	"Building micro-physiological systems for peripheral sensory organs"	Dr. Karl Koehler, Department of Otolaryngology-Head and Neck Surgery, Harvard Medical School In-person seminar
Oct.7	"Protective memory is due to cells quitting clonal expansion early"	Dr. Rob J. de Boer, Professor, Theoretical Biology and Bioinformatics, Utrecht University, The Netherlands Online seminar
Oct. 14	-	-
Oct. 21	"Immune determinants of injury-induced susceptibility to respiratory bacterial infection"	Dr. Ajitha Thanabalasuriar, Department of Pharmacology and Therapeutics, McGill University In-person seminar
Oct. 28	"Imaging inflammation and its resolution in tissue repair"	Dr. Anna Huttenlocher, Pediatrics and Medical Microbiology and Immunology, University of Wisconsin Medical School In-person seminar

Nov. 4	"Local control of stem cell fates revealed through intravital imaging"	Dr. Katie Cockburn, Department of Biochemistry and Goodman Cancer Institute, McGill University In-person seminar
Nov. 11	"Microglial contributions in brain physiology and pathology"	Dr. Ukpong Eyo, Center for Brain Immunology and Glia, Department of Neuroscience, University of Virginia, School of Medicine In-person seminar
Nov. 18	"Mapping molecular and functional diversity within the midbrain dopaminergic system"	Dr. Jean-Francois Poulin, Department of Neurology and Neurosurgery, McGill University In-person seminar
Nov. 25	"Integration and decoding of micro-environmental signals: from neural stem cells to mature neurons"	Dr. Armen Saghatelian, Department of Cellular and Molecular Medicine, Brain & Mind Institute, Faculty of Medicine, University of Ottawa In-person seminar
Dec. 2	"Understanding variation in malaria infection dynamics"	Dr. Nicole Mideo, Department of Ecology and Evolutionary Biology, University of Toronto In-person seminar
Dec. 9	"The role of astrocytes in stress-induced behavioral dysfunction"	Dr. Ciaran Murphy Royal, Department of Neuroscience, Université de Montréal In-person seminar

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Date:	Topic:	Speaker:
Jan. 6	no seminar	-
Jan. 13	"Sex-specific brain and gut barrier alterations underlie stress vulnerability vs resilience in mice and human depression"	Dr. Caroline Ménard, Department of Psychiatry and Neuroscience, Faculty of Medicine, Université Laval, CERVO Brain Research Centre In-person seminar
Jan. 20	"Checkpoints and balances: Regulation of T cell development and function"	Dr. Heather Melichar, Department of Medicine, Université de Montréal, Centre de recherche de l'Hôpital Maisonneuve-Rosemont In-person seminar
Jan. 27	"Precision genome editing to study protein function, genetic variation and drug development"	Dr. Raquel Cuella Martin, Functional Genomics, Department of Human Genetics, McGill University In-person seminar
Feb. 3	"Disease-in-a-dish modelling using iPSCs"	Dr. Terry Hébert, Department of Pharmacology and Therapeutics, McGill University In-person seminar
Feb. 10	"Defective hormonal signaling and Alzheimer's disease" THIS SEMINAR IS CANCELLED AND WILL BE RESCHEDULED AT A LATER DATE	Dr. Fernanda de Felice, Department of Biomedical and Molecular Sciences and Psychiatry, Queen's University
Feb. 17	"APOE4-mediated microglial regulation has an opposite effect in Glaucoma and Alzheimer's disease"	Dr. Oleg Butovsky, Associate Professor of Neurology, Harvard Medical School, Ann Romney Center for Neurologic Diseases, Department of Neurology, Brigham and Women's Hospital In-person seminar
Feb. 24	"New roles of microglia and extracellular matrix in pain"	Dr. Arkady Khoutorsky, Department of Anesthesia, McGill University In-person seminar

Date:	Topic:	Speaker:
Mar. 3	No seminar (March break)	-
Mar. 10	"International Collaboration to Ensure Rigorous Reproducible Scientific Discovery"	Dr. Claire Brown, Department of Physiology, Advanced Bioluminescence Imaging Facility, (ABIF), McGill University In-person seminar
Mar. 17	"Under pressure: compression-mediated nuclear mechanotransduction"	Dr. Allen J. Ehrlicher, Department of Bioengineering, McGill University In-person seminar
Mar. 24	"Auditory Cortex Plasticity Following Hearing Loss"	Dr. Stephen Lomber Department of Physiology, McGill University In-person seminar
Mar. 31	"Harnessing the tumor immune microenvironment for cancer therapy"	17th Annual Undergraduate Research Day, Martin Amphitheatre, Room 504, McIntyre Bldg Keynote lecturer: Dr. Daniela Quail Rosalind and Morris Goodman Cancer Centre and the Department of Physiology In-person seminar at 11:35am.
Apr. 7	No seminar (Good Friday)	-
Apr. 14	"Coding principles of diverse synapses in the hippocampus"	Dr. Katalin Tóth, Department of Cellular and Molecular Medicine, University of Ottawa In-person seminar
Apr. 21	"How do blind mice know where they are?"	Dr. Stuart Trenholm, Department of Neurology and Neurosurgery, Montreal Neurological Institute (MNI) In-person seminar
Apr. 28	"YES tyrosine kinase as an oncogenic driver of liver cancer"	Dr. Sylvain Meloche, Principal Investigator, Institute of Research in Immunology and Cancer (IRIC) and Professor of Pharmacology and Physiology, Université de Montréal In-person seminar

Date:	Topic:	Speaker:
May 5	"A Direction-selective Top-down Pathway Adaptively Modulates Innate Behaviors"	<p>Dr. Baohua Liu, Department of Biology, University of Toronto</p> <p>In-person seminar</p>
May 12	"Coding of prey location by heterogenous neural populations with spatially dependent correlations"	<p>Myriah Haggard, Quantitative Life Sciences, McGill University</p> <p>In -person seminar</p>
May 19	"Biological defibrillation"	<p>28th Annual Graduate Research Day, Palmer Howard Amphitheatre, Room 522, McIntyre Bldg</p> <p>Keynote lecturer: Dr. Daniël A. Pijnappels, Professor of Cellular Electrophysiology & Interdisciplinary Translational Cardiology, head of the Laboratory of Experimental Cardiology at the Leiden University Medical Center, the Netherlands</p> <p>In-person seminar at 3:30pm</p>