

Département
de neurosciences
Faculté de médecine

Université 
de Montréal
et du monde.

Séminaires
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Keith Murai, Ph. D.

Professor, Neurology and Neurosurgery
McGill University

Astrocyte Complexity in the Central Nervous System

Vendredi 24 novembre 2023

12 h à 13 h

En présentiel

Pavillon Paul-G.-Desmarais | 2960, chemin de la Tour, local 1120

En ligne

<https://umontreal.zoom.us/j/82037705482?pwd=S3A5NXJGMnhjTCtMc0oOVmduMU1mUT09>

Research Areas:

Cellular Mechanisms, Ion channels and synapses, Neural Circuits, Serial section electron microscopy.

The overarching goal of my research program is to understand how neural connections are formed, remodeled, and maintained in the brain and to transform this knowledge into a better understanding of learning/memory processes and brain disorders/diseases. More precisely, my research focuses on: (1) Understanding neuron-glial communication during brain development and its relationship to neurodevelopmental disorders including Fragile X and Down syndrome, and intellectual disability, and (2) Discovering mechanisms regulating synaptic plasticity and memory formation in the healthy and diseased brain. We are actively working to translate our basic discoveries into effective treatments for developmental brain disorders and neurodegenerative diseases.

Entrée libre

La conférence sera présentée en anglais

Personne-ressource pour rencontrer le conférencier : [Matthew Perich](#)

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