

Département  
de neurosciences  
Faculté de médecine

Université   
de Montréal  
et du monde.

Séminaires  
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## Bruno Giros, Ph. D.

Professeur, Département de Psychiatrie  
Institut universitaire en santé mentale Douglas  
Université McGill

***Deciphering the role of D1/D2 dopamine receptors co-expressing striatal neurons using intersectional genetics***

**Vendredi 24 octobre 2025**

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/81271307568?pwd=kTNeVDVaRHah4vb718KaNCJeGjpJ1X.1>

### **Biographie**

After having created the Neurobiology and Psychiatry Laboratory at France's Institut national de la santé et de la recherche médicale (INSERM), Dr. Giros came to the Douglas Hospital Research Centre in 2007. Dr. Giros studies the neurobiology of schizophrenia and develops advanced genetic animal models of the disorder.

### **Intérêts de recherche**

Dr. Giros' research centers on the dopamine and glutamate pathways, key systems implicated in schizophrenia. He has been a pioneer in the molecular characterization and cloning of these neurotransmitter systems, advancing our understanding of their role in the disorder. His team developed the first genetic mouse models linking these molecules to integrated brain functions and reproducing features of psychosis. Current work bridges fundamental neuroscience and clinical applications, exploring the molecular networks of dopamine and glutamate receptors and transporters.

**Entrée libre**

*La conférence sera présentée en anglais*

**Personne-ressource pour rencontrer le conférencier :** [Louis-Éric Trudeau](#)

[louis-eric.trudeau@umontreal.ca](mailto:louis-eric.trudeau@umontreal.ca)