

## Postdoctoral Research Fellow in Neuroscience

McGill University, Canada

We are currently seeking outstanding candidates with an interest in neocortical circuits, including topics and methods such as synaptic plasticity, unconventional NMDA receptor signalling, 2-photon optogenetics, and 2-photon imaging. Applicants should be experienced with whole-cell recordings and/or advanced imaging techniques. Preference will be given to candidates with expertise in whole-cell electrophysiology and/or 2-photon imaging, as well as a related track record of publications. Duties include performing experimental recordings, together with the analysis and presentation of data, at local, national, and international conferences, writing manuscripts as well as occasionally training other members of the team. For examples of directions the lab is currently taking, please see:

- Chou et al **bioRxiv** 2023 <https://doi.org/10.1101/2023.12.30.573666>
- Wong et al **Neuron** 2023 <https://doi.org/10.1016/j.neuron.2023.10.011>

The Sjöström lab is located at the Research Institute of the McGill University Health Centre in beautiful Montreal, Canada. Montreal is a vibrant, multicultural city that provides an excellent quality of life. McGill and its neighbouring universities provide an exceptionally rich neuroscience community.

We provide fully funded salary that is competitive. Applicants are also expected to apply for independent funding, which we provide guidance with. Such independent funding is available for both Canadian and international applicants.

Full applications, including Letter of Intent, a full CV, a brief outline of current research, and the names and contact details of three academic referees should be sent to Dr. Jesper Sjöström at [jesper.sjostrom@mcgill.ca](mailto:jesper.sjostrom@mcgill.ca) (<http://plasticity.muhc.mcgill.ca>). In the subject line, please enter "Postdoc" followed by your name.

The application deadline is July 31, 2024.

*McGill University is committed to diversity and equity in employment. It welcomes applications from: women, Aboriginal persons, persons with disabilities, ethnic minorities, persons of minority sexual orientation or gender identity, visible minorities, and others who may contribute to diversification. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority.*

