Position Title: Research Associate (High Content Platform)

Hiring Unit: Neurodegenerative Disorders, Montreal Neurological Institute (MNI)

Supervisor: Dr. Thomas Durcan

Work Location: MNI – Room MP-044

Hours/Week & Schedule: 40 hours/week – Monday to Friday

Hourly Wage: $28.75 - $31.74

Planned Start Date & End Date: One year renewable

Date of Posting: May 15, 2017

Deadline to Apply: May 31, 2017

PRIMARY DUTIES

The candidate will work independently and be responsible for performing wet-bench science on projects related to the High Content Analysis Platform being established at the MNI. Duties will include working with team members on a number of drug discovery projects, liaising with program directors, conducting screening of compounds on a high content platform and analysis of high content data. The applicant will develop assays using neurons differentiated from induced pluripotent stem cell (iPSCs) derived from patients with Parkinson’s disease and other neurodevelopmental disorders.

The successful applicant will:

- Establish and design the protocols for assays that use iPSC-derived neurons in several drug discovery projects.
- Conduct analysis of screening data including establishing parameters for hit selection.
- Independently carry out projects to completion.
- Write and edit SOPs, scientific reports, and participate in the writing of research applications as part of this project.
- Assist other lab members with aspects of projects related to iPSC-derived neurons and assay development.
- Prepare and present reports and technical presentations to internal scientific groups.
- Other related duties as assigned.

EDUCATION/EXPERIENCE

PhD in the field of biological sciences with at least three years of post-doctoral experience.

OTHER QUALIFYING SKILLS & ABILITIES

Preference will be given to candidates with expertise in iPSC and/or cell-based assay development, compound screening, high content data analysis and managing small groups. Must have excellent communication skills in English and capable of integrating with other working groups at the MNI.

HOW TO APPLY

Please submit your application to: Dr. Thomas Durcan

Submit a cover letter and CV to thomas.durcan@mcgill.ca

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities, and others who may contribute to further diversification.