## RESEARCH ASSOCIATE

### Position Title:
Research Assistant – High Content Platform (2 positions)

### 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:
$27.32/hour

### Planned Start Date & End Date:
One year renewable

### Date of Posting:
August 4, 2017

### Deadline to Apply:
August 25, 2017

## PRIMARY DUTIES
The candidate will work with the High Content platform team and will be responsible for generating different types of neuronal and glial cell on projects related to the High Content Analysis Platform being established at the MNI.

Duties will include working with team members on several drug discovery projects and liaising with program directors. The applicant will work with disease-relevant induced pluripotent stem cell (iPSCs) derived cell-based assays for neurodegenerative disorders. Generate new iPSC lines from patient samples, and for the maintenance of these iPSCs as needed on a project by project basis. Responsible on generating neurons and glial cells from iPSCs for different projects and assist in developing Standard Operating Protocols (SOPs) to industry-standard for deriving a wide range of neurons. Collect and interpret results from these research experiments that will be included in future publications. Prepare reports and update laboratory procedures on a regular basis, along with other related duties as assigned.

## EDUCATION/EXPERIENCE
MSc + 3 years in Neuroscience or related field (Primary neuron culture).

## OTHER QUALIFYING SKILLS & ABILITIES
- Extensive experience in handling primary neurons and glial cells
- Experience in cell culture is required
- Good organizational skills
- Experience in the management of multiple cell culture projects.

## 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.