## Posting
**RESEARCH ASSOCIATE**

<table>
<thead>
<tr>
<th>Position Title:</th>
<th>Research Associate (part-time)</th>
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<tbody>
<tr>
<td>Hiring Unit:</td>
<td>Montreal Neurological Institute – Neurodegenerative Diseases</td>
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<tr>
<td>Supervisor:</td>
<td>Edward A. Fon</td>
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<td>Work Location:</td>
<td>Montreal Neurological Institute, Room MP-044</td>
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<tr>
<td>Hours/Week &amp; Schedule:</td>
<td>20 hrs/week Monday to Friday</td>
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<td>Hourly Wage:</td>
<td>$28.05</td>
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<tr>
<td>Planned Start Date &amp; End Date:</td>
<td>August 14, 2017 – August 13, 2018</td>
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<td>Date of Posting: (post for 5 working days minimum)</td>
<td>July 28, 2017</td>
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<td>Deadline to Apply:</td>
<td>August 10, 2017</td>
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### PRIMARY DUTIES

The Fon lab and the MNI iPSC/CRISPR platform at McGill University in Montreal, Canada is looking for a candidate for a part-time (20 hours) research associate position as a microscopy and induced pluripotent stem cell (iPSC) specialist. Will be involved in ongoing projects in the field of mitochondrial biology, working independently and with team members, will help design innovative experiments conducting and developing fluorescence microscopy assays focused on Parkinson’s disease. Will work on the improvement of differentiation protocols for iPSC-derived glial cells in disease-relevant models, actively collaborating with other members of the iPSC/CRISPR platform.

**SPECIFIC DUTIES INCLUDE:**

- Support the further development of fluorescent microscopy assays.
- Training of students in microscopy techniques both *in vivo* and *in vitro*.
- Propagating and differentiating human pluripotent stem cells
- Ability to coordinate research efforts both internally and with collaborators and their teams.
- Assist lab members, notably with image acquisition, processing and data analysis.
- Troubleshooting
- Prepare and present reports and technical presentations, and participate in the writing of research applications as part of this project.
- Maintain high-end microscopy equipment.
- Others duties as required.

### EDUCATION/EXPERIENCE

PhD with at least 5 year experience in areas including cell biology, mitochondrial dynamics and neurosciences with an excellent track record for innovative research.

### OTHER QUALIFYING SKILLS & ABILITIES

- Ability to work independently and efficiently but also work well as a part of a team.
- Experience in neuroscience and mitochondria dynamics is essential.
- Experience in culture and differentiation of iPSCs.
- Excellent organizational and communication skills.
- Experience in the management and organization of multiple projects.

### HOW TO APPLY

Please submit your application to:

Dr. Thomas Durcan by email at [thomas.durcan@mcgill.ca](mailto: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.*