



# DALHOUSIE UNIVERSITY

## Technician

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### Position Details

<b>Position Title</b>	Technician
<b>Department/Unit</b>	Medical Neuroscience
<b>Research Project</b>	Study locomotor activity using transgenic mice
<b>Location</b>	Halifax
<b>Posting Number</b>	GP78-20
<b>Employee Group</b>	Grant-Paid
<b>Position Type</b>	Term
<b>Duration of Contract (if applicable)</b>	1 year, with possibility of renewal
<b>Employment Type</b>	Full Time
<b>Full-time Equivalency (FTE)</b>	1.0
<b>Salary</b>	To commensurate with education and experience (35 hours per week)

### About the Organization

The fundamental goal of Principal Investigator's laboratory research is to understand the organization of neural circuits that control locomotion and identify mechanisms underlying locomotor behaviors. The current focus of the lab is to comprehend the functional roles that different subpopulations of spinal interneurons play in the locomotor circuits. To achieve these goals, various genetically modified mice are used and electrophysiology, molecular biology and immunohistochemistry techniques are combined. The research also extends to the study of spinal cord injuries and spinal diseases.

### Job Summary

Reporting to the Principal Investigator, the Technician will support the research activity and animal handling within the lab and general lab maintenance.

<b>Key Responsibilities</b>	<ul style="list-style-type: none"> <li>• Provide general lab maintenance, record keeping, protocol development, and order lab supplies.</li> <li>• Handle rodent animal models, mouse colony management including breeding, weaning, and genotyping via PCR and QPCR.</li> <li>• Conduct routine experimental procedures including administration of chemicals, rodent tissue collection, and histological processing of tissues.</li> <li>• Perform rodent behavioural tests to test motor function including rotarod, treadmill walking, wire hanging test, grip strength, etc.</li> <li>• Collect, record, analyze, and interpret experiment results.</li> </ul>
<b>Note</b>	
<b>Qualifications</b>	<p>Animal Health Technician diploma or related, with prior research experience working with rodents. Undergraduate degree in Science (Neuroscience, Cell or Molecular Biology, Genetics, Biochemistry, or similar) preferred. Must be proficient in written and oral English, as well as in MS Word, Excel, and PowerPoint. Organizational skills, with the ability to work independently, as well as part of a team, are essential. Demonstrated ability to follow SOPs and lab safety guidelines, maintain accurate records, and manage multiple simultaneous tasks with minimal supervision is required. Must possess a positive attitude and have high ethical standards.</p>
<b>Additional Information</b>	<p>Dalhousie University supports a healthy and balanced lifestyle. Our total compensation package includes a voluntary RRSP, health and dental plans and an employee and family assistance program.</p>
<b>Application Consideration</b>	<p>We thank all applicants for their interest, however, only candidates selected for an interview will be contacted.</p>
<b>Diversity Statement</b>	<p>Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Indigenous persons, persons with a disability, racially visible persons, women, persons of a minority sexual orientation and/or gender identity, and all candidates who would contribute to the diversity of our community. For more information, please visit <a href="https://www.dal.ca/hiringfordiversity">www.dal.ca/hiringfordiversity</a> (<a href="https://www.dal.ca/hiringfordiversity">https://www.dal.ca/hiringfordiversity</a>).</p>
<b>Number of Vacancies</b>	1
<b>Open Date</b>	11/20/2020
<b>Close Date</b>	12/04/2020
<b>Open Until Filled</b>	No
<b>Special Instructions to Applicant</b>	
<b>Quick Link for Direct Access to Posting</b>	<a href="http://dal.peopleadmin.ca/postings/4877">http://dal.peopleadmin.ca/postings/4877</a> <a href="http://dal.peopleadmin.ca/postings/4877">http://dal.peopleadmin.ca/postings/4877</a>

### Documents Needed to Apply

#### Required Documents

1. Résumé / Curriculum Vitae (CV)

#### Optional Documents

1. Cover Letter

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