



UM | Rady Faculty of
Health Sciences

Master's Position Available

Investigating the Molecular Regulators of Brain Development

Robert Beattie, PhD
Assistant Professor
Biochemistry & Medical Genetics
Rady Faculty of Health Sciences
University of Manitoba

Description of the position:

This project aims to investigate the molecular regulators of neural stem cell lineage progression and their role in determining cell types and states in the developing central nervous system. The successful candidate will be directly supervised by Dr. Robert Beattie (expert in studying neural development using mouse models) and apply state-of-the-art single cell and molecular biology techniques such as Mosaic Analysis with Double Markers (MADM). The successful candidate will be admitted to the Department of Biochemistry and Medical Genetics graduate program, where they will be expected to complete coursework in addition to their thesis-based research. Additionally, the successful candidate will be expected to apply for scholarships to contribute to the annual competitive stipend provided by Dr. Beattie.

Eligibility Requirements:

- Excellent academic standing
- Strong work ethic and passion for discovery
- Interest in neuroscience, brain development, molecular biology and microscopy
- Experience or interest in using animal models
- Excellent written and oral communication skills

Deadline: June 15, 2022; **Start Date:** September 1, 2022

Please send your CV and cover letter directly to Dr. Beattie, highlighting your reasons for doing research and specifically why this position in the Beattie lab is interesting for you. We thank all applicants for their interest, however only those candidates selected for interviews will be contacted.

Contact information

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For more information about our department and the graduate program, please visit:

<https://umanitoba.ca/medicine/department-biochemistry-and-medical-genetics>

The University of Manitoba campuses are located on original lands of Anishinaabeg, Cree, Oji-Cree, Dakota and Dene peoples, and on the homeland of the Métis Nation. We respect the Treaties that were made on these territories, we acknowledge the harms and mistakes of the past, and we dedicate ourselves to move forward in partnership with Indigenous communities in a spirit of reconciliation and collaboration.