

## **Postdoctoral Fellowship in Non-coding RNAs and Neurodegenerative diseases**

Strong Laboratory, Molecular Medicine Group, Robarts Research Institute, Western University, Canada.

The Strong Laboratory at Robarts Research Institute at Western University invites applications for a Postdoctoral Fellowship focused on the molecular bases of amyotrophic lateral sclerosis. This position offers an opportunity to engage in innovative research in the human non-coding transcriptome in neurodegenerative diseases. The initial appointment is for up to two years, with a competitive salary based on experience.

The successful candidate will employ advanced single-cell multiomics approaches to investigate the role of non-coding RNAs in the death and survival of motor neurons, in silico and in vitro. Experimental techniques will include single-cell RNA sequencing, proteomics, smFISH and immunofluorescence, in postmortem human samples and cellular models.

Applicants must have a PhD in Molecular Biology, Neuroscience or related discipline. Candidates with a strong background in bioinformatics, single-cell sequencing and transcriptomics will be given preference. A robust publication record in peer-reviewed journals is essential. The ideal candidate will be independent, team-oriented, and possess strong analytical and organizational skills. **To apply, please submit a single PDF to [dmariabel@uwo.ca](mailto:dmariabel@uwo.ca).** This document should include a detailed curriculum vitae, a one- to two-page research statement including experience, research interests, and how they align with the lab's aim, and contact information for three academic or professional references. Applications will be reviewed until the position is filled.

Western University is recognized as one of Canada's premier research- intensive institutions, with particular strengths in biomedical science and neuroscience. Robarts Research provides a vibrant collaborative and multidisciplinary environment for studying human diseases. The university is dedicated to fostering diversity, equity, and inclusion, and encourages applications of all backgrounds, including those from underrepresented groups.

For further information, contact Dr. Danae Campos-Melo at [dmariabel@uwo.ca](mailto:dmariabel@uwo.ca).