

The Vulnerable Brain Laboratory (www.vulnerablebrain.com), in the Dept. Anatomy and Cell Biology at Western University is a cross-disciplinary, translational lab interested in interrogating the role of microglia activation in aging and neurodegenerative disease/injury.

We are currently recruiting multiple post-doctoral fellows with interests developing assays aimed at using circulating brain extracellular vesicles as a diagnostic tool for measuring brain inflammation and cognitive impairment in cell, experimental animal, and human samples. Additionally, we are searching for candidates with interests in extracellular vesicle trafficking and release, and proteomic/lipidomic analysis of extracellular vesicles and their cargo.

Previous experience some of the following is preferred: rodent based stroke models, cell culture, rodent behaviour, molecular biology, microscopy, histology, and mass spectrometry, including mass spectrometry imaging.

Applicants will need to possess excellent organization, time management, and written/oral communication skills as they will be expected to work independently on their own research project and collaborate with other labs both internally and externally. Applicants will also be expected to publish their work in high impact journals and will be provided opportunities to participate in the writing of funding applications.

Western University is strongly committed to principles related to equity, diversity, inclusion, and decolonization (EDID). We encourage applications from all qualified candidates, including women, members of visible minorities, Aboriginal persons, members of sexual minorities and persons with disabilities.

Please send a cover letter, CV, and a list of 3 references to Dr. Shawn Whitehead (shawn.whitehead@schulich.uwo.ca). We will notify applicants prior to contacting references.