

Postdoctoral position in neuroscience and stem cell biology:

A two-year postdoctoral associate position is available immediately under the supervision of Dr. Jane Rylett at Robarts Research Institute and Department of Physiology and Pharmacology, Schulich School of Medicine & Dentistry, University of Western Ontario. This position is funded by CIHR.

We are seeking a highly motivated person interested in studying cellular and molecular events regulating chemical neurotransmission by cholinergic neurons and pathology associated with age-related neurodegenerative diseases, such as Alzheimer disease. Projects involve use of neuronal cultures, induced pluripotent stem cells with differentiation to neurons, genetically-modified mouse models, and require a strong background with extensive laboratory experience in molecular and cellular biology, biochemistry, confocal microscopy of fixed tissues and live cells, and/or protein chemistry and proteomics. The responsibilities of the candidate will include leading experimental design, acquisition and analysis of data, manuscript preparation and participation in student training. Successful applicants will have demonstrated excellent oral and written communication skills and ability to work effectively in a team environment.

Qualified applicants for this position should have a PhD degree in biomedical sciences or a related discipline, with expertise in cellular and molecular neurobiology, stem cell biology and microscopy. Experience with genetically-modified mouse models of disease would be an asset.

Review of applications will start October 1, 2021. Please send a letter of application including a one-page description of past research experience and interests, CV, and names and contact information for three references to:

Dr. Jane Rylett
Robarts Research Institute
Western University
Email: jane.rylett@schulich.uwo.ca

The university campus is in London, Ontario, a thriving city of 400,000 people located midway between Toronto and Detroit. With parks, river valleys, tree-lined streets, and bicycle paths, London is known as the “Forest City” and boasts galleries, theatre, music and sporting events, and many opportunities for outdoor activities.

We invite applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized

groups/visible minorities, Indigenous persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. Accommodations are available for applicants with disabilities throughout the recruitment process.

More information about benefits for postdoctoral associates at Western University can be found [here](#).

Western University, 1151 Richmond Street, London, ON N6A 3K7, Canada, t. 519.661.2111