

Postdoctoral Fellow Position Neurobiology of Depression and Aging

Centre for Addiction and Mental Health (CAMH)
Toronto, Canada

Position Summary:

It is estimated that Alzheimer's disease affects more than 700,000 Canadians with an economic burden of over 33 billion every year in both direct and indirect costs. In light of the heavy socio economic burden, the Centre for Addiction and Mental Health (CAMH), Canada's largest mental health and addiction teaching hospital, is leading the path to investigate the underlying mechanisms in Alzheimer's disease and develop novel therapeutic avenues. Dr. Etienne Sibille, Chair and Deputy Director of the Campbell Institute at CAMH and head of the Neurobiology of Depression and Aging program, focusing on investigating molecular mechanism for depression and age-related disorders, including Alzheimer's disease. Resources include animal care facilities, behavioural testing areas, molecular biology and genetics infrastructure, tissue culture, electrophysiology, confocal microscope, and a wide array of basic and clinical expertise.

The program is currently seeking an outstanding post-doctoral fellow to characterize cognitive deficits in an animal model of Alzheimer's disease (AD), perform quantitative analyses of AD and aging markers in mouse brain tissue, and work in close collaboration with the Drug Development Program to test new molecules for their potential effects and reversing cognitive decline in AD pathology.

The candidate will be required to have extensive knowledge in preclinical models of aging and AD, pharmacology, immunohistochemistry and imaging. The ideal candidate should have a PhD in Neuroscience or Neuropharmacology with expertise in age-related disorders, and significant experience working with rodent models. This will require a strong background in method development and validation in area of animal behavior, and translational research. The candidate should also have in-depth scientific expertise with mechanisms of aging and neurodegenerative disorders cognitive processes, anxiety-like and depressive-like behavioral testing, and administration of pharmacological agents.

The ideal candidate should have an excellent record of scientific accomplishments, complemented by strong interpersonal, organizational and communication skills. The successful applicant will be expected to work independently, but in close complement with other scientists in the Neurobiology of Depression and Aging group, within CAMH and outside of CAMH. The applicant will demonstrate a commitment to conducting and fostering research and enthusiasm regarding participating in multidisciplinary research and training activities. The applicant will also be required to supervise students and technicians as part of the training and leadership objectives of the department.

You will support a healthy workplace that embraces diversity, encourages teamwork and complies with all applicable regulatory and legislative requirements. This position is located at 250 College Street, Toronto, Ontario, Canada.

The Centre for Addiction and Mental Health is fully affiliated with the University of Toronto and is located within the vibrant Toronto biomedical research community. The successful candidate will be eligible for cross-appointment to a faculty position at the University of Toronto.

Qualifications:

The successful candidate should have a PhD in Neuroscience or Neuropharmacology with expertise in age-related diseases (AD and others). The candidate should have significant experience working rodent models, with knowledge in cognitive processes, and in-depth scientific expertise with mechanisms of brain aging. Extensive experience with behavioural, anatomical, histological and molecular characterizations of rodent models is a must. The successful candidate will have a track record that demonstrates competence in publishing in high impact peer reviewed journals, disseminating research at formal scientific meetings, writing grant proposals and participation in the education of students and trainees. Consistent with the expectation that all Scientists seek to apply their research findings into practice, the successful candidate will be required to work towards this end. The ability to interact with populations of diverse ethnoracial and cultural backgrounds is also required. Bilingualism (English/French) and/or proficiency in a second language is considered an asset.

Please note: This full-time position is NOT part of any bargaining unit.

Salary Range: Competitive Salary and Benefits

CAMH is a Tobacco-Free Organization.

CAMH is fully affiliated with the University of Toronto and is a teaching hospital and research institute. As a CAMH employee you will be expected to actively support CAMH's teaching and research activities, in addition to supporting the clinical work of the hospital.

As an employment equity employer CAMH actively seeks Aboriginal peoples, visible minorities, women, people with disabilities, (including people who have experienced mental health and substance use challenges), and additional diverse identities for our workforce. We thank all applicants for their interest, however, only those selected for an interview will be contacted.

If contacted for an interview, please inform us should accommodation be required.

All applicants are welcome to apply, however preference will be given to Canadian citizens and permanent residents.

TO APPLY

Please send CV and Letter of Interest to Dr. Etienne Sibille

Email: Etienne.sibille@camh.ca