EMPLOYMENT OPPORTUNITY

Post Doc Position
Neurotrophic mechanisms in brain diseases

Position Summary:

Reduced brain cell structure and function contributes to cognitive symptoms in depression, Alzheimer's disease and other brain disorders, and during aging. Current efforts aimed at developing therapeutic agents to reverse these deficits focus on excitatory or neurotrophic mechanisms, but have had limited translation to effective therapeutics potential, identifying a world-leading unmet clinical need with significant impact on patients, family, society and healthcare.

The Neurobiology of Depression and Aging program (www.NDA-sibille.ca) is seeking a postdoctoral fellow to investigate the cellular mechanisms of novel neurotrophic approaches, using cell-based and rodent models. The NDA program investigates the molecular bases of psychiatric disorders and develop novel therapeutic avenues. It is located at the Centre for Addiction and Mental Health (CAMH), Canada's largest mental health and addiction teaching hospital. CAMH is fully affiliated with the University of Toronto.

Qualifications:

The candidate will have a PhD in Neuroscience, Neuropharmacology or a related discipline, with demonstrated expertise in molecular neuroscience, including primary neuron culture and *in vivo* rodent models. Experience with methods related to molecular biology (plasmid DNA handling, qPCR, Western blot, proteome analysis, recombinant virus handling etc.), pharmacology, immunohistochemistry and imaging (confocal microscopy, morphometric analysis) is preferred.

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. The successful candidate will also possess strong interpersonal, organizational and communication skill, and the ability to work both independently and in a team. The ability to interact with populations of diverse ethno-racial and cultural backgrounds is also required.

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

Salary Range: Competitive Salary

Application: Send your application with cover letter and CV to: Etienne.sibille@camh.ca

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.

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