



Employment Opportunity in Translational Research

Postdoctoral Fellow

Initial Assignment: MiND (Molecular Neuropsychiatry & Development) Laboratory, Molecular Brain Science section, Campbell Family Mental Health Research Institute, Centre for Addiction & Mental Health

Position Description:

The MiND (Molecular Neuropsychiatry & Development) Laboratory <https://johnbvincent.wordpress.com>, within the Molecular Brain Sciences section is seeking a Postdoctoral Fellow to work on molecular genetics of neurodevelopmental disorders. Our objective is to find genes for autism spectrum disorder (ASD) and intellectual disability, to study the genes identified at the protein and cellular level, including use of animal models, to identify common biological pathways and/or processes, and to develop therapeutic strategies where possible.

Familiarity and experience in standard DNA, mRNA/cDNA and protein techniques is essential. Familiarity with western blotting, immunoprecipitation, immunohistochemistry and confocal microscopy is also required. Familiarity with neuronal cell culture, phage display, RNAseq, ChIP-seq, FRET, FRAP, Y2H, CRISPR/Cas9 gene-editing would be beneficial.

This position is located at the Centre for Addiction and Mental Health, 250 College Street, Toronto, Ontario, M5T 1R8, Canada.

For more information visit:

http://www.camh.ca/en/research/about_research_at_CAMH/scientific_staff_profile/Pages/John-Vincent.aspx,

Qualifications:

The successful candidate will possess a Ph.D., having graduated (or about to graduate) within the last 2 years, in a life sciences field. Experience with data preparation, statistical analyses, presentation at international meetings, and drafting manuscripts for publication is an asset. This position requires very strong interpersonal skills, combined with well-developed critical ability, flexibility, initiative, and leadership skills.

Employment Type: Full Time, for 2 years (with possibility of extension)

Salary Range: \$45,000-\$55,000 per annum, depending upon experience

Start date: 1st April 2019 (earliest)

Interested applicants should submit CV and cover letter, listing 3 references, or contact:

Dr. John B. Vincent, Ph.D.

Senior Scientist & Head, Molecular Neuropsychiatry & Development Lab, CAMH

Professor, Dept. of Psychiatry & Institute of Medical Science, University of Toronto

Email: john.vincent@camh.ca

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