

Post-doctoral Fellow (PDF)

Genomics of Alzheimer Disease



Supervisor

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Research Description

Our research focus is the pathogenesis of Alzheimer disease (AD). A post-doctoral (PDF) position is available for a highly motivated, dedicated individual to investigate the effect of AD-related proteins on the genome.

She/he will investigate gene regulation to (i) advance our understanding of early AD pathogenesis and (ii) identify novel targets for early (pre-clinical) detection and prevention of AD. Funded by several agencies (e.g. CIHR, NSERC), my laboratory is situated in the **McGill Life Sciences Complex** which enables convenient access to leading-edge facilities (e.g. advanced biolmaging, flow cytometry (FACS), histology, mass spectrometry, surface plasmon resonance (SPR/BIACORE), CRISPR-Cas9 transgenics; www.mcgill.ca/lifesciencescomplex). Our integrated, multidisciplinary research environment also includes the world-class **McGill University & Genome Quebec Innovation Centre** which houses state-of-the-art genomics infrastructure (e.g. sequencing, gene expression, genotyping, cytogenetics, and DNA methylation analyses; <http://gqinnovationcenter.com>)

Qualifications

Applicants should possess a strong background in Genomics, as well as Biochemistry (or related discipline), ideally with work-related experience including peer-reviewed publications and conference presentations. She/he must be highly organized, work effectively within a team environment, be able to meet laboratory deadlines, and possess strong oral and written communication skills. She/he will participate in the training and supervision of fellow trainees, as well as the preparation of laboratory grants, manuscripts, presentations, and reports.

Interested applicants should send their CV, references (full contact info for 2 previous employers), and a research statement (1-2 page cover letter detailing your relevant skills and expertise, including past work experience and future goals) to gerhard.multhaup@mcgill.ca.

About McGill University and Montréal

As Canada's most research-intensive and international university, McGill consistently ranks amongst the top academic institutions in the world (www.topuniversities.com/qs-world-university-rankings). Beautiful and vibrant, Montréal (www.mtl.org/en) is a top destination for biotech startups (www.technoparc.com/en) and one of the top 5 best cities in the world for students (www.topuniversities.com/city-rankings/2018). For additional information about applying to McGill as a PDF, please visit www.mcgill.ca/gps.