

Ph.D. and Post-doctoral Fellow (PDF) Positions in Biochemical Pharmacology



Supervisor

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Research Description

Our research focus is the biochemical pharmacology of **Alzheimer disease (AD)**. Both Ph.D. and PDF positions are available for highly motivated, dedicated individuals to investigate amyloid precursor protein (APP) biology and the role of amyloid in the progression of AD.

Successful candidates will analyze protein function at the molecular level to (i) advance our understanding of AD pathogenesis and (ii) identify novel targets for earlier diagnostics and therapeutic development. The Multhaup laboratory is supported by several funding sources (e.g. CIHR, NSERC) and equipped with state-of-the-art technologies (e.g. mass spectrometry imaging, MSI; surface plasmon resonance, SPR). Situated in the McGill's Life Sciences Complex, convenient access to other leading-edge facilities (e.g. advanced bioimaging, FACS, histology, mass cytometry, transgenics) provides an integrated, multidisciplinary research environment.

Qualifications

Ph.D. and PDF applicants should possess a strong background in Biochemistry (or similar 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 have the opportunity to 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 30 academic institutions in the world (www.topuniversities.com/qs-world-university-rankings). A beautiful and vibrant metropolis, Montréal (www.mtl.org/en) is a major hub for biotech startups (www.technoparc.com/en/) and was recently crowned as the world's best city for students (www.cbc.ca/news/canada/montreal/montreal-named-world-s-best-city-for-students-1.3984987). For additional information about applying to McGill as a Ph.D. student and/or PDF: www.mcgill.ca/gps/.