

## Faculty Positions in Genetic and Biomedical Research McGill University



McGill University has embarked on a new era of interdisciplinary research in the life sciences with the opening of more than 150,000 sq ft of start-of-the-art research facilities in the newly constructed Bellini Life Sciences Centre and the Goodman Cancer Center. These new buildings create an interconnected McGill University Life Sciences Complex that houses a dynamic research community of over 200 biomedical researchers. In addition to spectacular laboratory space, this new infrastructure includes modern core facilities for flow cytometry, high throughput and high content small molecule screening, hybridomas, imaging, mass spectrometry, NMR, X-ray crystallography and histology. They also include a new state of the art mouse facility that is equipped for transgenic studies and for working with BSL-2 and BSL-3 level pathogens. The purpose of this expansion is to create an interdisciplinary research environment that will push the boundaries of research in a number of areas.

The Complex Traits Program is one of the 5 research themes of this new research complex. This program explores the causes of human illness by examining the interplay between genetic and environmental influences in disease onset, progression and outcome. Areas of particular interest include but are not limited to host/pathogen interactions, inflammation, metabolic disorders and cancer. The Complex Traits Program has privileged access to unique genetic (recombinant congenic strains, ENU mutagenesis) and phenotyping platforms for studies of mouse models of human diseases. We invite applications from well-qualified candidates at all stages of their careers who have enthusiasm for multidisciplinary research and are eager to develop novel collaborative approaches for investigating complex diseases of critical importance for global health. The successful candidate will be provided competitive start up packages and will contribute to the research and teaching missions of one or more of the Departments of the Faculty of Medicine including Genetics, Biochemistry, and Microbiology and Immunology. We also offer an exceedingly high quality of life in Montreal, one of North America's greatest and most lively cities.

Applicants should have an MD, a PhD or the equivalent and at least three years of postdoctoral research training. Please submit your application electronically at ([http://www.medicine.mcgill.ca/academic/rec\\_applicationform.htm](http://www.medicine.mcgill.ca/academic/rec_applicationform.htm)). A letter outlining your current and future research interests, a copy of your CV and the names and addresses of three references should be provided (and sent to [facultyaffairs.med@mcgill.ca](mailto:facultyaffairs.med@mcgill.ca)). In accordance with Canadian Immigration requirements, priority will be given to Canadians and permanent residents of Canada. McGill University is committed to equity in employment.