



INSTITUT DE  
CARDIOLOGIE  
DE MONTRÉAL

AFFILIÉ À  
Université   
de Montréal

## **MSc or PhD graduate student position in cardiovascular biology**

Dr. Gaetan Mayer, Principal investigator

Laboratory of Molecular Cell Biology, Atherosclerosis and Cardiovascular Biology Montreal Heart Institute Research Center

Associate Professor, Faculty of Pharmacy, Université de Montréal

*Posted: June 21, 2017*

Dr. Mayer is seeking applications from students for entry into MSc or PhD graduate program in pharmacological sciences. Projects available will focus on characterization of novel genes involved in atherosclerosis and development of hyperlipidemia therapeutics and their testing in preclinical models of cardiovascular disease.

The successful candidate will have the opportunity to join a translational research environment within the Mayer lab, located at the Montreal Heart Institute. The lab is well equipped for molecular and cell biology, and has access to state of the art facilities for imaging and animal models of cardiovascular disease. Research in the laboratory is focused on lipid metabolism, atherosclerosis and cardiovascular disease, and includes the use of various techniques and experimental models such as transgenic mice, human cellular models and molecular genetics. The graduate student will be working on the mechanism of novel genes involved in lipid metabolism for which new drug development has the potential to revolutionize the way by which patients suffering of hyperlipidemia are treated. Our goal is to translate the discoveries we are making in the laboratory to develop novel therapeutic molecules for the treatment and prevention of cardiovascular disease.

### Qualifications

Applicants must show evidence of productivity and academic excellence.

Please send a full CV, a cover letter describing your previous experience, skills, goals and interests, university transcripts and names and contact information of 2 references to: [gaetan.mayer@icm-mhi.org](mailto:gaetan.mayer@icm-mhi.org)

Only candidates that have been selected will be contacted.

### Lab website

<https://www.icm-mhi.org/fr/recherche/laboratoires/laboratoires-fondamentaux/biologie-cellulaire-et-moleculaire-lipoproteines>