



[Position for a PhD Student in human genetics](#)

Lieu de travail : Montreal Heart Institute
Faculté de médecine, Université de Montréal

Laboratory : Guillaume Lettre

web site: <http://www.mhi-humangenetics.org>

Laboratory theme: : **Études génétiques des maladies cardiovasculaires et autres phénotypes complexes humains**

Project description:

PhD positions in human genetics are available in the laboratory of Dr. Guillaume Lettre at the Université de Montréal and the Montreal Heart Institute.

Four-year terms are available to investigate the genetics of cardiovascular diseases and other blood-related traits using genome-wide association studies and next-generation DNA re-sequencing technologies. In particular, we are interested in studying the influence of rare and structural DNA sequence variants in cardiovascular diseases in large and well-phenotyped patient cohorts already available to our laboratory.

Références : Lettre et al., Proc Natl Acad Sci U S A. 2008 Aug 19;105(33):11869-74.
Lettre et al., Nat Genet. 2008 May;40(5):584-91.
Weedon*, Lettre* et al., Nat Genet. 2007 Oct;39(10):1245-50.

Disciplines/ Qualifications :

Candidates should have a formal training in human genetics, bio-informatics, bio-statistics, epidemiology or a related discipline, have excellent organizational, interpersonal, and communication skills, and have a strong interest in statistical genetics or computational biology.

Contact:

Applicants should submit a resume, short statement of research interests and two letters of recommendation to Dr. Guillaume Lettre, Montreal Heart Institute, Research Centre (6th floor), 5000 Rue Bélanger, Montréal, Québec, H1T 1C8, Canada, or by email (guillaume.lettre@umontreal.ca).