Dr Sapir Pichhadze in the Research Institute of the McGill University Health Centre is currently seeking a talented candidate to develop applications in era of precision medicine. The lab research program is translational in nature and focuses on the application of precision medicine tools for the prevention of immune-mediated injuries in transplant recipients. Specifically, Dr. Sapir-Pichhadze is interested in identifying genetic determinants of donor and recipient compatibility in an effort to optimize organ allocation schemes, inform personalized surveillance schedules, and establish individually tailored therapeutic regimens in kidney transplant candidates and recipients.

**Qualifications Required**

Qualified candidates should be self-driven and highly motivated individuals with a strong academic performance to be competitive for scholarships. Candidates should also have the ability to work interactively with members of the lab, co-investigators and collaborators on the project. In addition, they should have fluency in written and spoken English and French and strong organizational skills.

We invite applicants interested in pursuing a graduate or postgraduate degree in epidemiology or experimental medicine with prior training in:

- Mathematics, statistics, bioinformatics, computational biology, computer sciences, and machine learning;
- Biology, genetics, and/or cellular Immunology;
- Statistical programs such as R, SAS, and/or STATA

**Context descriptions**

Successful applicants will become part of a translational biomedicine research team and engage in applied research activities. This will include observational multicenter studies using large registries and biorepositories.

**Schedule and Location Details**

This is full-time and based at the Research Institute of the McGill University Health Centre. The office will be located at 5252 Boul de Maisonneuve O, at the Centre for Outcomes Research and Evaluation (CORE).

**Study bursary/Professional Honorary**

The candidate will be supported with a bursary in an amount commensurate with their degree of training and will be expected to apply for external and internal scholarships.
Interested candidates should express their interest by email to Amélie Bourdiec (amelie.bourdiec@muhc.mcgill.ca) with the following:

- Cover letter (including a statement of research interests and prior research experience)
- CV including list of publications
- Contact information of 3 referees