

## Research Center of the Centre hospitalier de l'Université de Montréal

The Research Center of the Centre hospitalier de l'Université de Montréal (CRCHUM) is the largest research center in biomedical sciences and health care at the University of Montreal, and among the largest in Canada. Located at the Champs de Mars metro station, the CRCHUM offers a dynamic and innovative work environment in ultramodern facilities at the cutting edge of technology.

The CRCHUM promotes job stability and supports the development and professional improvement of its employees who benefit from a full range of social benefits (flexible hours, teleworking policy, pension plan (REGOP), generous leave policy).



## Dr. Julie L Lavoie's laboratory

Dr. Julie Lavoie's laboratory focuses its research on studies on preeclampsia, a disease which induces hypertension and proteinuria during pregnancy; the effect of exercise training on this pathology in mouse models. We will also evaluate the role of the renin-angiotensin system in the effects of preeclampsia and exercise training on pregnancy.

But also, on obesity-related hypertension: the impact of the local renin-angiotensin system (RAS) in adipose tissue. Determination of the role of the renin receptor in obesity and its associated complications such as type 2 diabetes.

In the context of this job, this is about evaluate the impact of a potential preeclampsia treatment in mouse models of the disease.

## Job Description

The candidate will be in charge of breeding colonies of murine models, animal surgeries and other manipulations. Colony rearing includes organization and management of colonies, weaning, sexing, biopsies for genotyping, entry into the animal database and verification of copulatory plugs. The candidate will also plan animal experiments and will be involved at several levels of ongoing projects. Dr. Julie L Lavoie is currently studying gestational disorders in mice. As part of this project, some carotid catheterization surgeries require aseptic technical assistance from a TSA; the candidate will also have to practice a variety of specialized techniques.

## Qualifications

- ✓ The applicant must hold at least a certificate of collegial study in animal health.
- ✓ Mice handling.

## Status et advantages

- ✓ Full-time position (35 hours per week)
- ✓ Salary and benefits according to CRCHUM policies
  - 20 days of vacation per year after one year
  - 13 statutory holidays
  - 9.6 cash-convertible sick days
  - Non-unionized position
  - Pension plan (RREGOP) from the first day of employment
  - Group insurance

## To apply

Interested candidates should e-mail at [suzanne.cossette.chum@ssss.gouv.qc.ca](mailto:suzanne.cossette.chum@ssss.gouv.qc.ca):

- ✓ Cover letter (1 page) outlining academic experience, career goals and research interest.
- ✓ Curriculum vitæ.
- ✓ Official transcript

*Only successful candidates will be contacted for an interview.*

*The CRCHUM invites women, Aboriginals, visible minorities, ethnic minorities and people with disabilities to apply. The CRCHUM adopts a broad and inclusive definition of diversity that goes beyond applicable laws. The CRCHUM thus encourages all people, regardless of their characteristics, to apply. In accordance with Canadian immigration requirements, please note that priority will be given to Canadian citizens and permanent resident.*