

Postdoctoral position in ex vivo perfusion and regenerative medicine

The laboratory of Dr. Nicolas Noiseux MD, MSc, FRCSC at the CHUM Research Center is recruiting a postdoctoral fellow (PDF) to contribute to a translational research program focused on increasing the number of organs for transplantation and improving the clinical outcomes of regenerative medicine.

Purpose

The laboratory is seeking enthusiastic scientists interested in contributing to the development of next generation technologies in transplantation, combining ex vivo organ perfusion and pharmacological conditioning of cells and organs. This opportunity requires the fellow to work with cardiac, thoracic and hepatobiliary surgical and research teams as well as with industrial partners. This is intended to be a growth position geared primarily towards PDFs interested in a university-industry transition path.

Responsibilities

- Design and execute laboratory experiments
- Contribute to the collaborative research efforts both within the lab and with collaborators
- Communicate scientific discoveries through peer-reviewed publications and presentations
- Contribute in grant writing
- Work closely with the research and medical teams and with the startup company
- Participate in weekly group meetings

Qualifications

- Completed, within the last 3 years, a relevant PhD in molecular biology, biomedical sciences, pharmacology, regenerative medicine or a related discipline
- Highly motivated, organized and independent learner that can adapt quickly to a multidisciplinary environment composed of researchers, physicians and industrial partners
- Thrive in a team work environment and assume team-building role for newer recruits (interns and graduate students)
- Good communicator with solid publication and presentation track record
- Familiar with cell culture techniques, immunocytochemistry, confocal imaging, qPCR, manipulation of tissues and laboratory animals

Ideally, additional expertise in:

- Stem cells, regenerative medicine, organ transplantation
- Advanced cell-culture and tissue engineering techniques
- Experience in project management is desirable

Conditions

- Salary: This public-private consortium funded project includes a MITACS Acceleration scholarship for the successful recruit. This position has the possibility for annual renewal.
- Work hours: 35 hours/week. Most of the work will be done between 7:00am and 7:00pm Monday through Friday, but some experiments may require work outside these normal hours.
- Work place: CHUM Research Center (CRCHUM). According to MITACS agreement, the candidate will also be required to work on the premises of the industrial partner Targa Biomedical inc.
- Start date: As soon as the selected candidate is available.

Application

Please send a cover letter, your complete CV including your recent publications as well as contact details for three references in a single .pdf document to the following address:
noiseuxn@videotron.ca ; cc : shant.dersarkissian.chum@ssss.gouv.qc.ca