

The Potvin lab is looking for a research lab manager/scientist for a one-year contract (renewable upon satisfactory performance and continuation of funding). The lab utilizes quantitative approaches to understanding and engineering biological systems. For more information about our research, consult our website (www.potvinlab.com).

The selected candidate's duties will include:

- Working closely with MSc and PhD students in the lab to guide them in their research project
- Training new students joining the lab and ensuring that the lab knowledge is properly documented
- Spending part of their time on their own research project
- Helping maintain the lab inventory and order lab supplies
- Helping with certain administrative and lab management tasks

The ideal candidate would be a scientist with a PhD and exceptional research abilities, but strong MSc-level candidate will also be considered. The candidate should be comfortable through all stages of writing scientific papers, such as defining a research question, designing experiments, analyzing the results, and writing the article.

Our research is highly interdisciplinary, applying quantitative tools to diverse biological questions. Therefore, the candidate is **not** expected to be an expert or knowledgeable in all the different topics in the lab. These topics include: microfluidics for single cell analysis, quantitative fluorescence microscopy, automated image analysis, single-cell dynamic and gene expression, modeling gene expression using differential equations and stochastic simulation (i.e. Gillespie), dynamical systems such as biological oscillators, synthetic gene circuits, protein degradation and protein aggregation/prions, etc.

Salary will be commensurate with experience and qualifications. The posting will be advertised until the position is filled. Start date will be determined in agreement with the supervisor. The principal investigator is Prof. Laurent Potvin-Trottier.

To apply, submit a cover letter, your CV, and contact information for at least two references to laurent.potvin@concordia.ca

The lab is located at Concordia University (Loyola campus) in the city of Montréal. Montréal is consistently ranked among the best cities in the world to live in. QS ranks it 1st in North America and 6th worldwide for students in terms of 8 criteria including tolerance and inclusion, diversity, friendliness, ease of getting around, affordability, etc.

Concordia University and the Potvin lab are strongly committed to employment equity within its community, and encourages applications from all qualified candidates, including women, members of visible minorities, Indigenous persons, members of sexual minorities, persons with disabilities, and others who may contribute to diversification.