

A postdoctoral position in functional proteomics is available at the Université de Sherbrooke (Quebec, Canada), in the department of biochemistry. The successful candidate will investigate the expression and absolute quantification of novel proteins predicted from proteogenomics approaches, and translated from unannotated open reading frames. Further information on this topic is available here:

- <https://elifesciences.org/articles/27860>
- <https://genome.cshlp.org/content/28/5/609.long>
- <https://www.science-et-vie.com/corps-et-sante/les-proteines-fantomes-des-cellules-humaines-une-video-science-vie-tv-8185>
- <https://www.the-scientist.com/?articles.view/articleNo/51901/title/A-Systematic-Approach-to-Finding-Unannotated-Proteins/>
- www.openprot.org

This project will focus on acute leukemias, lethal hematologic cancers that affect both children and adults. The ultimate goal is to discover antigens present exclusively on leukemic cells.

We are looking for a highly motivated candidate with an expertise in proteomics/biological mass spectrometry and a background in biochemistry. Strong written and oral communication skills and good computational skills are also required.

This postdoctoral position represents a considerable opportunity for a qualified candidate. Little research has been done on proteins translated from unannotated open reading frames, and it would be easy to build a career around the subject. We foresee a number of straightforward high-impact publications that could result.

To apply, please send an email to xavier.roucou@usherbrooke.ca with subject "postdoc application", and a single pdf file including: CV (2-page max), research interest and experience (1 page max.), and the name and contact information of 2-3 references.

The position is to be filled ASAP. Given the administrative delays in obtaining a work permit for non-Canadian candidates, it can take 2 to 3 months between accepting the position and starting the project.

A competitive salary and working conditions will be offered. The contract is for one year, renewable (3 years maximum). Sherbrooke is a university town nestled in the beautiful Eastern Townships of the Province of Quebec, close to the US border and just a short drive away from Montreal and Quebec City. The Université de Sherbrooke provides an exceptional quality of work and life environment: cost of living is low, with excellent access to outdoor activities.

Xavier ROUCOU, PhD

Professeur et directeur | Département de Biochimie

Canada Research Chair in Functional Proteomics and Discovery of Novel Proteins

Directeur | Centre de Protéomique Structurale et Fonctionnelle des Protéomes (PROTEOMEUS)

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