

POSTDOC POSITION - MASS SPECTROMETRY
(Starting upon agreement)

The Caron Lab recently acquired an **ORBITRAP ECLIPSE TRIBRID (+ FAIMS PRO)** mass spectrometer system.

We are now seeking applications from outstanding candidates for a postdoc position in mass spectrometry at the CHU Sainte Justine Research Center, University of Montreal, Canada. The successful candidate will be a member of Etienne Caron's laboratory (www.caronlab.org).



The Caron Lab is interested in developing and applying next-generation mass spectrometry technologies to advance the field of cancer vaccine and immunotherapy. The Caron lab uses proteomics, immunopeptidomics, bioinformatics and computational mass spectrometry approaches to understand how the immune system operates in infectious diseases and cancers. The Caron Lab is co-founder of the Human Immunopeptidome Project. Our multidisciplinary research program is highly collaborative by nature and we aim to have a significant impact on patient care worldwide.

Qualifications:

We are seeking a highly-motivated individual with a solid background in mass spectrometry who is familiar with Thermo Orbitrap LC-MS Systems and different software packages and analysis pipelines available for mass spectrometry data analysis (e.g. PEAKS, Proteome Discover, Skyline, MaxQuant and Spectronaut). Prior experience with mass spectrometry-based proteomics and/or immunopeptidomics is required.

- Deep passion for science,
- PhD degree in proteomics, immunopeptidomics, mass spectrometry or equivalent,
- Ability to work independently and collaboratively.
- Leadership skills, self-motivation and high level of independence,
- Strong expertise in mass spectrometry instrumentations and sample preparation methods,
- Programming skills (Python, R) is a plus,
- Expertise in genomics, transcriptomics and metabolomics is a plus,
- High proficiency in spoken and written English is required; French is a plus.

The position is initially for 1 year, with the possibility of further extension after positive evaluation. Salary and benefits according to University of Montreal standards.

To apply, please send your CV and a motivation letter outlining your expertise and future goals. Please also provide contact information for three references.

Send your application to:

Etienne Caron
Email: caronchusj@gmail.com