



Project title	Immunopeptidomics and bioinformatics		
Study level(s)	<input type="checkbox"/> MSc	<input checked="" type="checkbox"/> PhD	<input type="checkbox"/> Postdoctorate
Principal investigator(s)	Etienne Caron, Ph.D.		
Project duration	5 years		
Start date	February 2020 (or upon agreement)		

Date of posting: 2019-12-17

Research laboratory presentation

The Caron lab is interested in developing and applying next-generation mass spectrometry technologies to advance the field of cancer immunotherapy. Our multidisciplinary research program is highly collaborative by nature and we aim to have a significant impact on patient care worldwide. <https://www.caronlab.org/>

Research project description

We are seeking applications from highly motivated candidates for a PhD position in immunopeptidomics, bioinformatics and immunotherapy. The selected candidate will apply state-of-the-art mass spectrometry techniques to identify new forms of peptide antigens in cancer for the development of innovative anti-cancer vaccines.

Required training and profile

Self-motivation is an essential requirement. Expertise in proteomics and bioinformatics is required.

Submit your application

Candidates must send the required documents before **02/2020** to **Etienne Caron** at etienne.caron@umontreal.ca

Please provide:

- ✓ *Curriculum vitae*
- ✓ Most recent transcripts
- ✓ Cover letter
- ✓ References

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Equity, diversity and inclusion

The masculine gender is used without discrimination and for the sole purpose to facilitate reading. The CHU Sainte-Justine subscribes to the principle of equal access to employment and invites women, members of visible and ethnic minorities, persons with disabilities and Indigenous people to apply. We would appreciate it if you could inform us of any disabilities that would require technical and physical accommodation adapted to your situation during the selection process. Please be assured that we will treat this information as confidential.

Studies at the CHU Sainte-Justine Research Center

Pursue your [graduate or postdoctoral studies](#) at the **CHU Sainte-Justine Research Center**, and be one of the 500 students, fellows and interns involved in accelerating the development of knowledge in the field of maternal, child and adolescent health, whether in basic or clinical research. Under the supervision of prominent scientists, especially in leukemia, rare pediatric diseases, genetics, perinatology, obesity, neuropsychology and cognition, scoliosis and rehabilitation, you will have the opportunity to work with multidisciplinary scientific teams and collaborators from all over the world.

About the CHU Sainte-Justine Research Center

CHU Sainte-Justine Research Center is a leading mother-child research institution affiliated with Université de Montréal. It brings together more than 200 research investigators, including over 90 clinician-scientists, as well as 500 graduate and postgraduate students focused on finding innovative prevention means, faster and less invasive treatments, as well as personalized approaches to medicine. The Center is part of CHU Sainte-Justine, which is the largest mother-child center in Canada and the second most important pediatric center in North America. More on research.chusj.org

