



CHU Sainte-Justine
Le centre hospitalier
universitaire mère-enfant

Pour l'amour des enfants



Genome editing of hematopoietic stem cells

Centre de recherche CHU Sainte-Justine – Montréal - Canada

Applications are invited for a PhD student to join a young team lead by A/Pr Fabien Touzot (<https://microbiologie.umontreal.ca/fabien-touzot/>). Our team is working on innovative genome engineering of hematopoietic stem cells for the cure of hereditary and acquired human disease.

We seek a highly motivated, proactive individual who will benefit from the exceptional research environment at the CHU Sainte-Justine research center, University of Montreal (<https://research.chusj.org/en/Home>). You will play a key role in an exciting new research program with the aim of developing and optimizing genome engineering techniques of hematopoietic stem cells for the cure of human diseases.

Candidates applying for the position should have a Master of Science (MSc), and a background in molecular biology, and hematopoietic stem cell biology. Previous experience with humanized mice models would be a plus. Successful applicant will have excellent communication skills, be proficient in speaking/writing in English or French. The project will require both independent works as well as regular interaction with other team members and other students of the research center. This is a high-quality environment where students are expected to engage in regular presentation and actively contribute to the research community of the research center.

The position is funded by the Fondation Charles Bruneau. The PhD program is intended to be a 3-year intensive research –based opportunity for students to receive high-quality training, leading to the development of competitive independent researchers. Funding is ~20 000 -25 000 CAD per year. There are multiple opportunities for strong students to compete for additional scholarship funding that will function to increase the value of their total scholarship package

Please send a cover letter describing your relevant background and interests, a CV and potential referees to A/Prof Touzot: fabien.touzot@umontreal.ca