



Association of Faculties  
of Pharmacy of Canada

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## AFPC 2020 Undergraduate/Graduate Student Award

### **AFPC / MERCK CANADA INC. GRADUATE PHARMACY FELLOWSHIP AWARD**

## **Ms. Julie Demers**

Université de Montréal

Ms. Julie Demers completed her BSc in Biopharmaceutical Sciences with honors in 2019 at the Faculty of Pharmacy of the Université de Montréal. Upon graduation, she started her master's degree in Dr. Céline Fiset's lab at the Montreal Heart Institute Research Center and the Faculty of Pharmacy of the Université de Montréal. Her current work aims to determine the mechanisms by which angiotensin II and male sex promotes atrial fibrillation, the most common type of cardiac arrhythmia. More precisely, her project studies how these two important risk factors modulate the electrophysiological properties of the atria, the upper chambers of the heart. This project will help identify new possible targets in atrial fibrillation in order to develop novel and personalized treatments.



During her undergraduate studies, Julie completed internships which allowed her to present her results in several scientific meetings and figure as a co-first author in a publication that will appear soon. Although she has just started her master's degree, Julie has already received a major scholarship offered by the Faculty of Pharmacy of the Université de Montréal in honor of their 100th anniversary. This scholarship rewards the academic excellence of graduate students. Her involvement amongst students also earned her a recognition award by the Faculty.