



# Alexis Nolin-Lapalme

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## EDUCATION

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**Bachelor of Science, Honours Pharmacology and Therapeutics** 2015 – 2019  
McGill University, Montreal, Qc  
GPA: 3.92

**Diploma of College Studies, Health Sciences** 2014 – 2015  
John Abbott College, St-Anne-de-Bellevue, Qc

## RESEARCH EXPERIENCE

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**Undergraduate Research Assistant** 2017 - Present

Calcium Lab, McGill University Health Center, Montreal, Qc

- Successfully leveraged multiple projects in need of in silico protein analysis.
- Design various experiments to obtain biologically-relevant results.
- Provide support with novel computer-based methods to analyse clinical data
- Update database content to provide the most recent data to the scientific and clinical community
- Obtain scientifically tangible data with wet-lab methods

**Junior bioinformatics analyst** 2018 – Present

Génomique Québec Innovation Centre, McGill University, Montreal, Qc

- Analyze data from researchers from across Canada
- Produce valuable pieces of software for the team
- Work in a high-performance computing environment

### Publications

- Branca M Cavaco, Lucie Canaff, Alexis Nolin-Lapalme, [...] , Geoffrey N Hendy; Homozygous Calcium-Sensing Receptor Polymorphism R544Q Presents as Hypocalcemic Hypoparathyroidism, *The Journal of Clinical Endocrinology & Metabolism*, Volume 103, Issue 8, 1 August 2018, Pages 2879–2888, <https://doi.org/10.1210/jc.2017-02407>

## **ADDITIONAL EXPERIENCE**

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### **Lifeguard**

YMCA Centre-Ville, Montreal, Qc 2017 – Present

Canada Border Services Agency College, Rigaud, Qc 2013 – 2016

- Provide a safe swimming environment for members or recruits
- Provide first-aid to injured individuals
- Create a welcoming environment for all individuals

### **Volunteer Service to Patients**

2017 - 2018

McGill University Health Center, Montreal, Qc

- Offer moral support to patients of all ages
- Create a healthier relationship between staff and patient
- Increase the well-being of supportive family members

### **Summer Camp Counsellor**

Summer 2015 & 2016

Mont Rigaud, Rigaud, Qc

- Provide a safe and fun environment for 8-10 children
- Communicate in teams with the other counsellor
- Communicate with parents

## **EXTRA-CURRICULAR ACTIVITIES**

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### **Founder and Director of Student Pharma**

2018 – Present

Website: <http://studentpharma.ca>

- Organize and maintain 23 individual students and projects
- Offer and maintain various services for McGill laboratories
- Produce content for the tutorial platform
- Stay up to date with novel research to always offer support to the students

### **Wikipedia editor**

2018 – Present

- Share knowledge and add scientific images to empty webpages

## **AWARDS**

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**Alan & Harriet Susie Tenenhouse Scholarship in Science**

2018

**Best Lifeguard during the week of prevention of drowning**

2017 & 2018