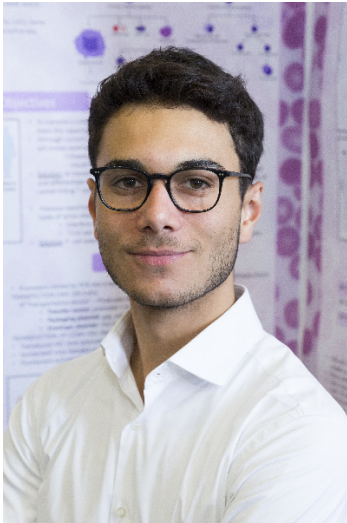


## ESPC 2018 - Ottawa (Ontario)



### Gabriel Dayan

#### An Immune Response to ALL

**Défi:** Santé

**Catégorie:** Sénior

**Région:** Montreal

**Ville:** Montreal, QC

**École:** Collège Marianopolis

**Sommaire:** This project proposes an immunotherapeutic approach for the treatment of acute lymphoblastic leukemia. This is done by transducing self-regenerating hematopoietic stem cells, with an anti-CD22 gene and a promoter to maximize the expressivity of the gene in only cytotoxic immune cells. The gene codes for a receptor targeting CD22: a protein found on the surface of acute lymphoblastic leukemia cells.

#### Biographie

Gabriel Dayan CEGEP student at Marianopolis College. Gabriel enjoys sports as well as his academic studies. He enjoys sports such as tennis, hockey, basketball, swimming, skiing, waterskiing and wake boarding. Gabriel has won 2 provincial science fair Quebec finals throughout his science fair career. His dream is to one day become a doctor. In fact, he has applied to medical schools in Quebec and is waiting to hear back. Gabriel plans to continue working on this research project throughout his university studies.

#### Prix

#### Valeur

Prix Jeunesse innovante - Sénior Commanditaire: La Fondation Gwyn Morgan et Patricia Trottier	1 000,00 \$
Prix d'excellence - Sénior - Médaille d'argent Commanditaire: Sciences jeunesse Canada	
Bourses de l'Université Carleton Médaille d'argent, sénior - Bourse d'admission de 2 000 \$ Commanditaire: Université Carleton	2 000,00 \$
Bourses d'admission de la Faculté des sciences de l'Université Dalhousie Médaille d'argent, sénior - Bourse d'admission de 2 500 \$ Commanditaire: Université Dalhousie, Faculté des sciences	2 500,00 \$
Prix d'admission en sciences de UBC (Vancouver) Médaille d'argent, sénior - Bourse d'admission de 2 000 \$ Commanditaire: The University of British Columbia (Vancouver)	2 000,00 \$
Bourse d'admission de l'Université d'Ottawa Médaille d'argent, sénior - Bourse d'admission de 2 000 \$ Commanditaire: Université d'Ottawa	2 000,00 \$
Bourse d'études de Western University Médaille d'argent - Bourse d'admission de 2 000 \$ Commanditaire: Université Western	2 000,00 \$
<b>Total</b>	<b>11 500,00 \$</b>