

ESPC 2017 - Regina (Saskatchewan)



Emilie Bordeleau McCallum

Cancer Free

Défi: Santé

Catégorie: Junior

Région: Ottawa

Ville: Barrhaven, ON

École: Bishop Hamilton Private

Sommaire: Surgery, chemotherapy, and radiation. All are treatments for cancer, none are guaranteed to work. It's time a new treatment was developed, one that can actually cure cancer for good. An experiment was conducted to see if nanobots could identify cancer cells and eliminate them.

Biographie

When I was 4 1/2 my mom was diagnosed with breast cancer. I want to eradicate this disease so no one has to be afraid the way I was. In 2015 I raised almost \$1000 by donating my hair so kids undergoing chemotherapy would have a wig to wear to school. I've attended Bishop Hamilton Montessori School since I was 5 1/2 and I've always been interested in science. I'd like to refine my "Cancer Free" project testing to create a more realistic environment, and someday I want to work with the actual nanobots for live testing. I hope to go to the University of Waterloo and become a software engineer. I am a Pathfinder (a senior branch of Girl Guides of Canada), I play the violin and the ukelin, I sing, I'm earning my blue belt in the martial art of Aikido, I sail and scuba dive, and having completed all eight levels of the Nancy Greene ski program, I'm going into U14 alpine ski racing next winter. My advice to kids about doing a science project is that there is no such thing as a stupid question in science: if you're curious about it, learn about it!

Prix

Valeur

Prix de l'Association pour l'intelligence artificielle au Canada Commanditaire: Association pour l'intelligence artificielle au Canada	500,00 \$
Prix d'excellence - Junior - Médaille de bronze Commanditaire: Sciences jeunesse Canada	
Bourse d'études de Western University Médaille de bronze - Bourse d'admission de 1 000 \$ Commanditaire: Université Western	1 000,00 \$
Total	1 500,00 \$