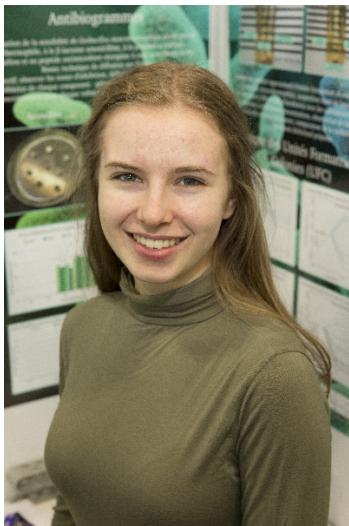


CWSF 2019 - Fredericton, New Brunswick



Anna Voia

Ensemble contre la résistance

Challenge: Health

Category: Intermediate

Region: Montréal RM

City: Candiac, QC

School: Collège Jean-Eudes

Abstract: Dans mon projet, j'ai exploré les alternatives à l'usage excessif des antibiotiques en expérimentant propriétés antimicrobienne et synergique d'une combinaison broméline-peptide antimicrobien. Des tests de susceptibilité ont évalué l'efficacité de chaque substance et l'ont comparée à l'amoxicilline. Mes résultats présentent une meilleure activité antimicrobienne que l'antibiotique lors de la combinaison et la possibilité de réduire la dose de peptide en compensant avec la broméline.

Biography

Me and my partner Andréa Sarah Lo found our project subject while researching on alternative ways to produce vaccines, a method that would be more accessible and efficient. We had the idea of finding out more about tobacco based vaccines when we realized that the current method used, chicken-egg based, takes too much time when during epidemics. Later, I hope to branch in science but I know it's very large, so maybe in immunopathology or pharmaceuticals. At school, I am involved in many extracurricular and competitive activities such as improvisation, Génie en Herbe, and after-school DES+ conferences. I love writing in general, it is one of my passions, and I applied a few of my poems to the Radio Canada competition. But above all, I love science and I am in the biology option at my school. If I would have to give advice to other students, I would really recommend to make a plan before starting. You have to know where you are going, and also, don't be afraid to leave your confort zone!

Awards	Value
Excellence Award - Intermediate - Silver Medal	
Sponsor: Youth Science Canada	
Western University Scholarship	\$2 000
Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: Western University	
Total	\$2 000

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