

CWSF 2019 - Fredericton, New Brunswick



Rahma Tawhid

Pharmaceutical vs. Natural Antibiotics and How They Can Improve Each Other

Challenge: Health

Category: Intermediate

Region: Cariboo Mainline

City: Kamloops , BC

School: Sa-hali Secondary

Abstract: My project was done to fight a problem we face globally today; antibiotic resistance. Antibiotic resistance is when a certain medicine doesn't work anymore, it's the reason there are outbreaks like Ebola around the world. I did this by taking already known medicines and mixing them with other natural medicines to see if they would improve each other.

Biography

Hello my name is Rahma Tawhid, I am in grade 9 and attend Sahali Secondary. I like playing basketball, hiking and writing creative stories at times. Post secondary, I would really like to go into microbiology or medicine. The inspiration to my project first came from a science project I was doing for school about vaccines, and I read about antibiotics and such. Then I saw on the news about illnesses like Ebola and why antibiotic resistance is such a large problem. That's when I did research about many antibiotics and bacteria; and that was where my project originated. I have many future plans with this project. I would like to test more different bacteria and also fungi such as yeast. I would also like to look in the mechanical substances to each of the antimicrobials I used. I want to see if I could find why one antimicrobial did better than the other; then build on that and find other antimicrobials of similar substance. When thinking of doing a project you should really take into account things like; what interests you, the creativity of the idea, how it may help the world or solve some sort of issue.

Youth Science Canada
PO Box 297
Pickering ON L1V 2R4
www.youthscience.ca / info@youthscience.ca
416-341-0040