

CWSF 2016 - Montreal, Quebec



Ariz Babul

A Little Pep In Your Strep!

Challenge: Health

Category: Junior

Region: York

City: Vaughan, ON

School: Richmond Hill Montessori and Elementary Private School

Abstract: Turmeric, a spice well known for its medicinal properties was tested against Amoxicillin for its antibacterial effects. Dosages of 2500 and 5000 mg were tested against Amoxicillin 500 mg on Streptococcus Mutans. Results showed 5000 mg of turmeric had comparable effects to 500 mg amoxicillin. This experiment has shown great promise for future treatment of streptococcal related infections with turmeric.

Biography

Ariz Babul is a grade seven student at RHMS Private School. Ariz has been part of his Student Council for the past two years, and enjoys the opportunity to contribute to his school life and academics. He enjoys sports, comics and superheroes, watching television and movies, playing video game, reading, listening to music, public speaking, and graphic design. Ariz enjoys learning all the subjects that he takes in school, but he has a keen interest for the sciences. To that end, he has won a gold medal in his school science fair for the last three years. This year, Ariz decided to take his interests in antimicrobials to a new dimension by testing turmeric and its potential antimicrobial effects against a well-known pharmaceutical agent. For the future, Ariz plans to expand his knowledge and interest in sciences by learning about all areas of science.