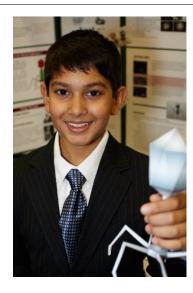




CWSF 2012 - Charlottetown, Prince Edward Island



Ishaan Dhillon

Age of the Phage

Challenge: Health
Category: Junior
Region: Ottawa
City: Nepean, ON

School: Bishop Hamilton Private

Abstract: That bacteriophage (phage) can be medically used to treat bacterial

diseases naturally and without side-effects is a little known fact. My project examines the medical uses for phage; ways to improve phage therapy methods; and the use of phage in antibacterial household products. It also attempts to answer the baffling question? If phage therapy is efficient and

harmless, why isn't it more widely practiced?

Biography

My name is Ishaan Dhillon and I currently attend Bishop Hamilton Montessori School (BHMS) in Ottawa. I was born in New Delhi, India but moved to Canada when I was two years old. I have attended several schools? University Heights Public School, Roberta Bondar Public School, St. Emily Catholic School, and now BHMS. At St. Emily, I won the trophy for Outstanding Performance in Science & Technology and had my name imprinted on a plaque in the school lobby. That was the start of my love affair with science. One day when I was sick and my parents were stuffing me with antibiotics, I wondered if there was a better tasting and natural substitute. That led me to my current project, and how bacteriophages can be used to combat bacterial infections. I did my research at Health Canada, and they are now interested in conducting further research on the topic. I hope to be involved with that at some level. I am inspired to find out more about natural ways of treating diseases. I'd like to attend McGill University because they have a great microbiology lab; the perfect setting to help me achieve my dream of becoming a virologist.





