

CWSF 2011 - Toronto, Ontario



Mahidul Syed

Phage Typing: E-coli vs. Phage

Challenge: Health

Category: Intermediate

Region: Montreal

City: Brossard, QC

School: École secondaire régionale Centennial

Abstract: Firstly, to determine whether phage typing can be used to identify specific strains of bacteria in an outbreak. Secondly, to compare the use of bacteriophage and antibiotics and to determine whether bacteriophages can be used as an alternative to antibiotics. Lastly, to determine how bacteria become resistant to existing antibiotics, and whether it may be preferable to use phages over antibiotics

Biography

My name is Mahidul Syed, and am attending Centennial Regional High School, secondary 4. I live with both my parents and with my older sister along with my younger brother. In the future I would like to continue in sciences, perhaps even in medicine. My interests lay in the sciences, and through my free time I play hockey. Both my parents are from Bangladesh and their culture and religion greatly affects my personal life. I give great importance to my religion, and respect my culture for what it is. Many of the activities that I do through out my free time relate to my culture and religion. My parents come from large families, allowing me to have many cousins. Our large family allows for many family gatherings throughout the summer, and these gatherings are personally very enjoyable. I adore my siblings due to great amount of work and support they provide me with. Their love and participation in my life has allowed me to go to great distance with my life; for example the Canada Wide Science Fair. My family plays a very important roll in my life, and I would be a nobody without them.

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