

CWSF 2007 - Truro, Nova Scotia



Anthony Querques

Pathogenic Bacterial Elimination: Bact. Lysis Through the Appl. of Muramidase

Division: Biotechnology / None

Category: Junior

Region: Bay Area

City: Acton, ON

School: St. Joseph

Abstract: The purpose of this experiment is to determine if powdered muramidase can kill bacteria through lysis. A null hypothesis was formulated, but the resulting evidence refuted the null-hypothesis, in that there was a positive association between bacterial growth rate and the amount of muramidase the bacteria was exposed to.

Biography

I attend St. Joseph Elementary school. I am an avid reader and enjoy sports. I play soccer and enjoy camping in the summer and love to ski in the winter. This is the second year that I have competed in the regional science fair and have enjoyed participating and meeting new people, and now look forward to the Canada wide science fair In Truro, Nova Scotia.

Awards

Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Rx&D Health Research Foundation	\$300
Total	\$1 300