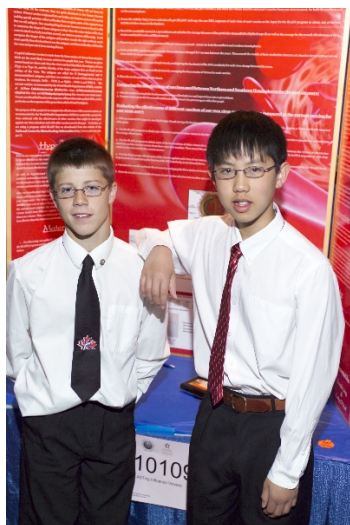


CWSF 2006 - Saguenay, Québec



Cody O'Neil, Derek Ling

BLASTing Influenza Viruses

Division: Biotechnology

Category: Junior

Region: Central Okanagan

City: Kelowna, BC

School: Dr. Knox Middle School

Abstract: The effectiveness of a flu vaccine can be evaluated by comparing the similarities of DNA sequences of the viruses used in the vaccine with the most commonly discovered flu viruses during the year. The program, BLAST, allows us to get the information that we need to achieve that.

Awards	Value
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Rx&D Health Research Foundation	\$700
Total	\$2 200