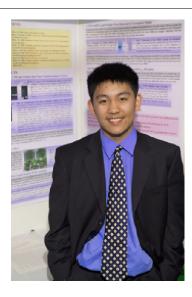




CWSF 2005 - Vancouver, British Columbia



David Wang

Making a Magic Herb Against SARS

Division:BiotechnologyCategory:IntermediateRegion:London DistrictCity:London, ON

School: A.B. LUCAS SECONDARY SCHOOL

Abstract: SARS-coronavirus establishes its infection via mucosal routes. To develop

an oral vaccine, we generated transgenic plants expressing an antigenic region of a viral protein fused with a mucosal carrier protein. The fusion protein showed binding capacity to mucosal receptors. Thus, this novel

approach has great potential for effectively preventing SARS.

Awards	Value
Agriculture and Agri-Food Canada Award - Intermediate	\$750
Sponsor: Agriculture and Agri-Food Canada	
Genome Canada Awards - Intermediate - Second place	\$1 000
Sponsor: Genome Canada	
The University of Western Ontario Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Bronze Medal - Biotechnology & Pharmaceutical Sciences	\$300
Intermediate	
Sponsor: Rx&D Health Research Foundation	
Total	\$3 050



