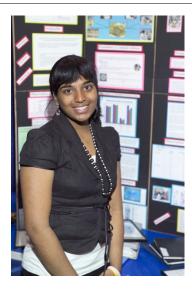




CWSF 2006 - Saguenay, Québec



Prashanthi Baskaran

Allergenic Characterization of Two New Penicillium Species ? A Step Towards Allergen Vaccines

Division: Biotechnology
Category: Intermediate
Region: Ottawa
City: Ottawa, ON
School: Elmwood School

Abstract: Molds have a predominant influence on humans. The purpose was to

determine the biochemical and immunological properties of Penicillium brevicompactum and Penicillium viridicatum. Using an eight patient pool of serum Bradford Protein Assay, SDS-PAGE and Immunoblotting were performed. Data gathered quantified proteins that cause allergic reactions to humans. To de-synthesize allergic patients, cloning studies were carried

out that could lead to obtaining vaccines.

Awards	Value
Canadian Society for Medical Laboratory Science Award	\$750
Intermediate	
Sponsor: Canadian Society for Medical Laboratory Science	
The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship	
Sponsor: University of Western Ontario	
Silver Medal - Biotechnology & Pharmaceutical Sciences	\$700
Intermediate	
Sponsor: Rx&D Health Research Foundation	
Total	\$2 950



