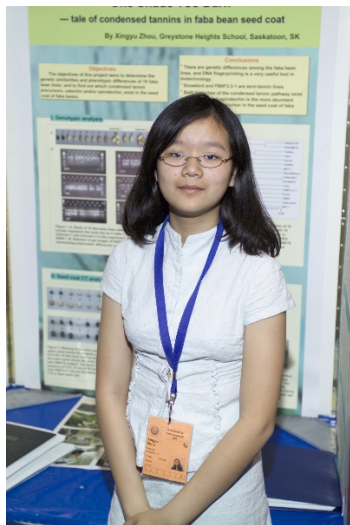


CWSF 2006 - Saguenay, Québec



Xingyu Zhou

One Shade Too Dark - Tale of Condensed Tannins in Faba Bean Seed Coats

Division: Biotechnology

Category: Junior

Region: Saskatoon

City: Saskatoon, SK

School: Greystone Heights

Abstract: In my project I conducted a molecular and chemical assessment on the diversity of 16 faba bean lines. My intention was to determine the genetic similarities and differences of those faba bean lines; and to find out which precursor, catechin or epicatechin, exists in the seed coat of these faba beans that accounts for making condensed tannins.

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