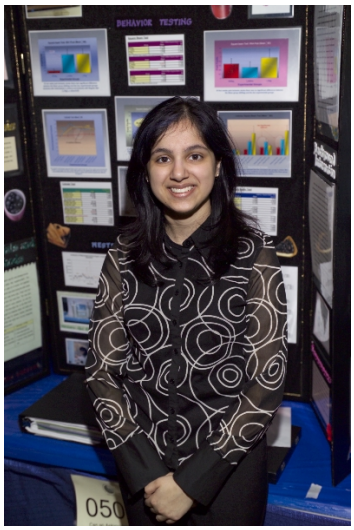
CWSF 2006 - Saguenay, Québec



Nashila Addetia

Can an Antioxidant-Rich Diet Reduce Oxidative Stress and Promote Functional Recovery after Stroke?

Division: Life Sciences
Category: Senior
Region: Eastern Newfoundland
City: St. John's, NL
School:

Abstract: This project was designed to investigate reduction of detrimental effects of free oxygen radicals after ischemic stroke using dietary supplementation with 14.3% blueberries and 3.3% spirulina for four weeks prior to induction of stroke in rats. Behavioral, biochemical and histological indices were analyzed. Evidence gathered supported the hypothesis that antioxidant rich diet ameliorated the deleterious effects of stroke with statistical significance at two weeks.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - $1000 Entrance Scholarship Sponsor: University of Western Ontario	$1 000
Bronze Medal - Health Sciences - Senior Sponsor: Canadian Institutes of Health Research	$300
Total	$1 300