



CWSF 2006 - Saguenay, Québec



Aaron Hakim

Affecting Aging: Protection of cSOD-deficient Drosophila from Oxidative Stress

Division: Physical & Mathematical Sciences

Category: Intermediate Region: Bay Area

City: Mississauga, ON School: Appleby College

Abstract: The effects of caloric restriction and dietary antioxidant supplementation,

using Vitamin E or Thymoquinone, were investigated in the SOD-deficient Drosophila for their efficacy in reducing oxidative stress. Eclosion lethality assays indicate that both interventions can rescue superoxide mediated developmental disorders in this fly, and may thus retard the aging process.

Awards	Value
Statistical Society of Canada Award - Intermediate	\$600
Sponsor: Statistical Society of Canada	
The University of Western Ontario Scholarship	\$2 000
Gold Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Gold Medal - Life Sciences - Intermediate	\$1 500
Sponsor: Pfizer Canada	
Total	\$4 100



