

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