

## CWSF 2005 - Vancouver, British Columbia



### Andromeda Guardamano

#### Limit of Tolerance to MSG

**Division:** Life Sciences

**Category:** Junior

**Region:** Edmonton

**City:** Edmonton, AB

**School:** St. Rose Jr. High

**Abstract:** Using different plant models, this study investigated the toxicity and mutagenicity of MSG at higher concentrations. Concentrations of 5 percent and higher resulted in death or increased in cell division. Results suggest a reevaluation of the effects of MSG on human health, and to improve current practices on its use.

Awards	Value
Honourable Mention - Life Sciences - Junior	\$100
Sponsor: Pfizer Canada	
Total	\$100