



ESPC 2011 - Toronto (Ontario)



Biographie

I am a 11th grade student in the IB program at Sir Winston Churchill Secondary in Vancouver, BC. My favourite subject is science (specifically microbiology), which is also the field in which I'd like to pursue a career (post-secondary). My hobbies include playing violin, reading detective fiction and watching TV. My project deals with investigating the mode of action of the chemical constituents of a plant extract as a potential anti-diarrheal agent.

Jasmine Cheng

The Psidium Theorem

Défi:	Ressources
Catégorie:	Sénior
Région:	Greater Vancouver
Ville:	Vancouver, BC
École:	Sir Winston Churchill Secondary
Sommaire:	This project was carried out to investigate the anti-diarrhoeal properties of
	Psidium guajava leaf extract though research and experimentation in three
	main areas of evaluation: antibiotic/antimicrobial action, tannin
	concentration/astringency of active anti-inflammatory compounds, and
	quercetin's role as a protein sythesis inhibitor capable of combating effects
	of endotoxemia by LPS endotoxins.

Prix	Valeur
Prix d'excellence - Senior - Médaille de bronze	300,00 \$
Commanditaire: Sciences jeunesse Canada	
Bourse d'études de l'Université Western Ontario	1 000,00 \$
Médaillé de bronze - Bourse de début d'études de 1 000 \$	
Commanditaire: Université Western Ontario	
Bourse d'admission de l'Université d'Ottawa	1 000,00 \$
Médaillé de bronze, sénior ? Bourse d'admission de 1 000 \$	
Commanditaire: Université d'Ottawa	
Total	2 300,00 \$



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