

## ESPC 2006 - Saguenay (Québec)



### Sarah McCuaig

#### Antibacterial Toothpaste - Do Not Swallow

**Division:** Sciences de la vie

**Catégorie:** Intermédiaire

**Région:** Waterloo-Wellington

**Ville:** Waterloo, ON

**École:** Laurel Heights S.S.

**Sommaire:** The effects of antibacterial toothpaste, containing 0.3% triclosan, on the probiotic lactobacillus (HA-111) bacteria, found in the human gastrointestinal tract, were investigated. Zones of inhibition appeared around filter paper disks inoculated with Colgate Total antibacterial toothpaste that were plated on blood agar plates, swabbed with lactobacillus isolate. Inhibitory zones continued to grow for 24 hours, 12 hours longer than the toothpaste's claimed effectiveness.

Prix	Valeur
Prix Australian National Youth Science Forum	2 500,00 \$
Bourse d'études de l'Université Western Ontario	1 000,00 \$
Médaille de bronze - Bourse de début d'études de 1 000 \$ Commanditaire: Université Western Ontario	
Médaille de bronze - Sciences de la santé - Intermédiaire Commanditaire: Instituts de recherche en santé du Canada	300,00 \$
Total	3 800,00 \$