

## ESPC 2014 - Windsor (Ontario)



### Quorum sensing: A novel approach for identifying anti-microbial herbal plants

**Défi:** Innovation

**Catégorie:** Intermédiaire

**Région:**

**Ville:** ,

**École:**

**Sommaire:** Measuring reduction of luminescence in *V. fischeri* due to the addition of 6 medicinal plants (Holy Basil, Cumin, Coriander, Nutmeg, Turmeric & Artemisia) is a new approach for quantifying the efficiency of their anti-bacterial compounds. This research explored the effect of extracts in direct contact with bacteria as well as the volatile effect of fresh leaves and compounds without contact.

Prix	Valeur
Prix du défi - Innovation - Intermédiaire Commanditaire: BlackBerry	750,00 \$
Prix d'excellence - Intermédiaire - Médaille d'or Commanditaire: Sciences jeunesse Canada	700,00 \$
Bourse d'études de Western University Médaillé d'or - Bourse d'admission de 4 000 \$ Commanditaire: Université Western	4 000,00 \$
<b>Total</b>	<b>5 450,00 \$</b>