

ESPC 2008 - Ottawa (Ontario)



Linda Kim

Antibacterial Activity of Canadian Honey: Isolation of Active Constituents Usin

Division: Biotechnologie / Aucun

Catégorie: Sénior

Région: Niagara

Ville: Niagara Falls, ON

École: A.N. Myer S.S.

Sommaire: The project was to elucidate the relationship between honey antibacterial activity, its chemical composition and polyphenolic content. Honey composition is important factor for maintenance of antibacterial activity. The activity-guided fractionations allowed isolating active fractions of high molecular weight containing specific double peaks at A240 to 250nm region. For the first time, a compound absorbing at 248nm in the most active honeys has been partially identified.

Biographie

I was born and raised in Seoul, South Korea until I immigrated to Canada approximately eight years ago. As for my personal accomplishments, I received Excellence in Education Award from the Niagara District School board upon elementary graduation. Since grade 9, I have been a dedicated member of school Tour Band, Flute Ensemble, Cheerleading, Casino Niagara Marathon, and Key Club. Furthermore, I have been a committed member of Student Council since grade 10. While being a Secretary of Arts Council for 2005-06, I was also the Music Representative on Student Council. I was then appointed as Minister of Finance for 2006-07 and was voted on as Deputy Prime Minister for 2007-08. Outside the school, I am the Lieutenant Governor of Division 3S for 2007-08 in Eastern Canada District of Key Club International. As an avid music lover, I have studied piano and violin since I was five years old and I have been a first violinist at Niagara Youth Orchestra since grade 9; in the upcoming summer, our orchestra will perform in Europe. I would like to become an ophthalmologist or a neurosurgeon.

Prix

Valeur

Bourses d'admission de la Faculté des sciences de l'Université Dalhousie	2 000,00 \$
Médaille d'argent, sénior - Bourse de début d'études de 2 000 \$	
Commanditaire: Université Dalhousie, Faculté des sciences	
Prix d'admission en sciences de UBC (Vancouver)	2 000,00 \$
Médaille d'argent, sénior - Bourse d'admission de 2 000 \$	
Commanditaire: The University of British Columbia (Vancouver)	
Bourse d'études de l'Université Western Ontario	1 500,00 \$
Médaille d'argent - Bourse de début d'études de 1 500 \$	
Commanditaire: Université Western Ontario	
Bourse d'admission de l'Université d'Ottawa	3 000,00 \$
Médaille d'argent, sénior ? Bourse d'études de 3 000 \$	
Commanditaire: Université d'Ottawa	
Médaille d'argent - Biotechnologie et les sciences pharmaceutiques	700,00 \$
Sénior	
Commanditaire: Fondation pour la recherche en santé de Rx&D	
Total	9 200,00 \$