

CWSF 2010 - Peterborough, Ontario



Is Its Bark Worse Than Its Bite?

Division: International

Category: Senior

Region:

City: ,

School:

Abstract: The essential oils of evergreen tree needles, were extracted and then used to test for antimicrobial properties. Six different evergreen trees were used, Balsam Fir, Red Spruce, White Spruce, Red Pine, White Pine, and Larch. The antimicrobial properties of the oils were tested against two species of bacteria, E-coli, a gram negative bacteria, and Staphlycoccus spp. a gram positive bacteria.

Awards	Value
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$2 000
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
University of Ottawa Entrance Scholarship Senior Silver Medallist - \$3000 Entrance Scholarship Sponsor: University of Ottawa	\$3 000
The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Silver Medal - Health Sciences - Senior Sponsor: Canadian Institutes of Health Research	\$700
Total	\$9 700