

CWSF 2007 - Truro, Nova Scotia



Emma McBoyle, Amie MacDonald

Mycological Medicine

Division: Biotechnology / None

Category: Intermediate

Region: Halifax

City: Dartmouth, NS

School: Ellenvale Junior High School

Abstract: Three species of field-collected fungi?Trametes versicolor, Polyporus brumalis, and Pycnoporus cinnabarinus?were tested for antibiotic properties. Extracts and powders of each fungus were placed in Petri dishes containing nutrient agar along with the active bacterial culture from yogurt (*Lactobacillus acidophilus*). Control tests were conducted without fungal components. *Pycnoporus cinnabarinus* in the form of a powder prevented bacterial growth. Bacterial growth was enhanced in all other plates.

Biographies

Emma - My name is Emma McBoyle; I am 15 years old and am currently attending Ellenvale Junior High. I am involved in many school activities such as Student Council Executives, Flute Ensemble, Yearbook Committee, Tech Crew and Band. In my spare time, I take many dance classes at Coastal Dance. I enjoy studying a large variety of styles such as Ballet, Modern, Hip Hop and Jazz. I am also a member of the Coastal Dance Theatre Company which is a small group of dancers who perform shows for the public twice a year. I am also a member of the Coastal Dance Hip Hop Team. I have had many accomplishments throughout the years. Some awards include Taking Steps ...

Amie - My name is Amie MacDonald, I'm fifteen years old and in grade nine. I live in Dartmouth, Nova Scotia. I'm involved in various activities including: playing clarinet, trombone and tuba in school bands, playing double bass in an orchestra. I participate in a variety of sports such as basketball, soccer, tennis, riding, and running. I am also part of the environment club, math team, and student council. I love the outdoors and activities like canoeing, camping, and hiking. I plan to continue in science throughout my career.

Awards

Value

Honourable Mention - Biotechnology & Pharmaceutical Sciences Intermediate	\$100
Sponsor: Rx&D Health Research Foundation	
Total	\$100