

CWSF 2009 - Winnipeg, Manitoba



Julia Starko

Let The Sun Shine

Division: Biotechnology / None

Category: Junior

Region: Western Manitoba

City: Brandon, MB

School: New Era

Abstract: This project studied the effect of Vitamin D on bacterial growth. Soil solution samples containing different amounts of Vitamin D were plated in home-made nutrient agar. Bacterial growth was recorded after a 48 hour incubation period in a converted oven. All samples containing Vitamin D had less bacterial growth than samples without Vitamin D. Also, as the amount of Vitamin D increased, bacterial growth decreased.

Biography

I am a Grade 7 French Immersion student at École New Era in Brandon, Manitoba. Along with school sports like basketball, volleyball and badminton, I play hockey. I also like to golf, ski, swim and race go-carts in the "Kiwanis Kar Derby". I play the violin in the Suzuki Junior Orchestra at the Brandon University School of Music and I play the euphonium in the school band. One day, I would like to be a dentist.

Awards

Value

Petro-Canada Peer Innovation Award - Junior - Central Canada Sponsor: Petro-Canada	\$200
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Youth Science Canada	\$300
Total	\$1 500