

## CWSF 2016 - Montreal, Quebec



### Mihir Gotal

#### Efficacy of Colloidal Silver

**Challenge:** Health

**Category:** Junior

**Region:** Edmonton

**City:** Edmonton, AB

**School:** Allendale School

**Abstract:** Natural oligodynamic effect of metals like silver can be used to enhance effectiveness of antibacterial products. In this project, I am trying to prove that the conducive nature of colloidal silver can help us to maintain hygiene by eliminating harmful bacteria and reduce chemicals in our day-to-day life. Lower cost of effective antibacterial products can help a large number of people to access such products.

#### Biography

My name is Mihir Gotal. I am 13 years old, grade 8 student from Allendale Junior High School in Edmonton, Alberta. I have been participating in science fairs from grade 4. I won a combination of gold and silver medals in Regional Science Fairs from Grade 4. I am a second-degree black belt in Taekwondo. I maintain an excellent grade in academics. I am a level 8 pianist maintaining "First Class Honors with Distinction" at the Royal Conservatory of Music. I play hockey, baseball, soccer, skiing and swimming. In the future I want to be a scientist because I want to contribute to the community and mankind.

#### Awards

#### Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000