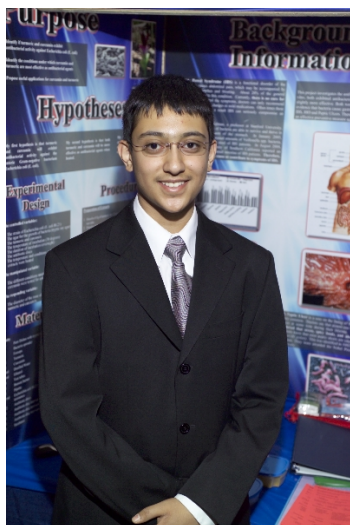


# CWSF 2006 - Saguenay, Québec



## Adil Adatia

### Turmeric - The Miracle Herb

**Division:** Biotechnology

**Category:** Intermediate

**Region:** Lethbridge

**City:** Lethbridge, AB

**School:** Winston Churchill High School

**Abstract:** This project investigates the antibacterial properties of turmeric and curcumin. In vitro, both exhibited antibacterial activity upon direct contact. Curcumin was slightly more effective. Both were more effective when heated. There is strong evidence that bacteria cause gastrointestinal infections and inflammation such as IBS, IBD and Peptic Ulcers. Therefore, consuming turmeric and curcumin can be an effective preventive measure against these disorders.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Biotechnology & Pharmaceutical Sciences Intermediate Sponsor: Rx&D Health Research Foundation	\$300
Total	\$1 300