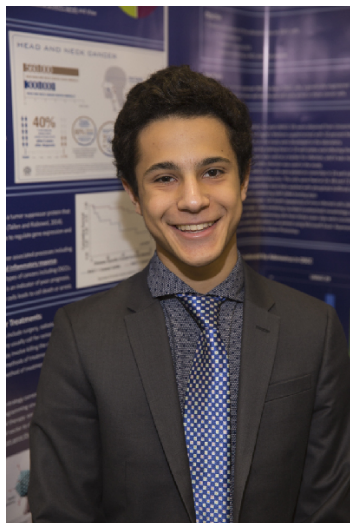


# CWSF 2016 - Montreal, Quebec



## Shayan Hemmati

### Role of ING1 in Squamous Cell Carcinoma

**Challenge:** Health

**Category:** Senior

**Region:** Calgary Youth

**City:** Calgary, AB

**School:** Webber Academy

**Abstract:** This project involves investigating the role Inhibitor of Growth 1 (ING1), a tumor suppressor protein, plays in dealing with oral squamous cell carcinoma. Using an adenovirus as a vector, the gene that encodes for ING1 is expressed in these OSCC cells and the cell responses are analyzed.

#### Biography

Hi! My name is Shayan Hemmati, and I am a grade 11 student attending Webber Academy in Calgary, Alberta. My eyes always light up when I talk about biology or anything that relates to the sciences. I have always wanted to research the properties of cancer in a lab and I was finally able to thanks to my scientific coordinator arranging a mentorship for me. This experience has been invaluable! I encourage all students interested in the sciences to harness their potential by pursuing their passion.

#### Awards

#### Value

Excellence Award - Senior - Gold Medal Sponsor: Youth Science Canada	\$250
Dalhousie University Faculty of Science Entrance Scholarship Senior Gold Medallist - \$5000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$5 000
UBC Science (Vancouver) Entrance Award Senior Gold Medallist - \$4000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$4 000
University of Manitoba Entrance Scholarship Senior Gold Medallist - \$5000 Entrance Scholarship Sponsor: University of Manitoba	\$5 000
University of Ottawa Entrance Scholarship Senior Gold Medallist - \$4,000 Entrance Scholarship Sponsor: University of Ottawa	\$4 000
Western University Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: Western University	\$4 000
<b>Total</b>	<b>\$22 250</b>