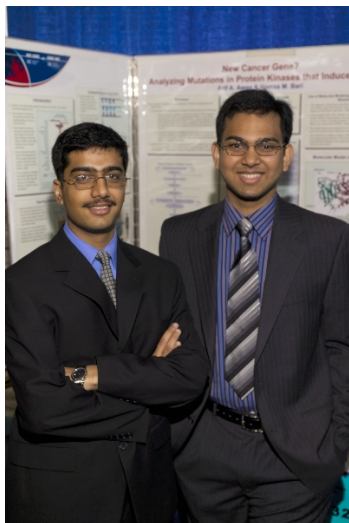


## CWSF 2005 - Vancouver, British Columbia



### Hamza Bari, Arif Ali Awan

#### New Cancer Gene?

**Division:** Biotechnology

**Category:** Senior

**Region:** CDLS - Province du Québec

**City:** Montréal, QC, Mont-Royal, QC

**School:** Marianopolis College

**Abstract:** Our objective was to identify mutations in kinases, which induce cancer. Using bioinformatic techniques, we identified mutations that exist in brain cancer. We proved our findings via molecular modeling; which showed that the mutations occurred in significant areas of the enzymes, which can alter its activity in the signaling pathway.

Awards	Value
The Manning Innovation Achievement Award Sponsor: Ernest C. Manning Awards Foundation	\$500
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Biotechnology & Pharmaceutical Sciences - Senior Sponsor: Rx&D Health Research Foundation	\$700
<b>Total</b>	<b>\$4 700</b>