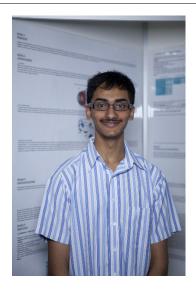




CWSF 2013 - Lethbridge, Alberta



Atulya Madhavan

Efficacy of Inhibitors In Cataract Suppression

Challenge: Health Category: Senior

Region: Calgary Youth City: Calgary, AB

School: Sir Winston Churchill High School

Abstract: This study aims to find a potential alternate treatment to cataracts based on

the hypothesis that calpain inhibition can suppress excess production of crystallin. An in ovo embryonic chicken model was used to test the potential of calpain inhibitor-1 as a cataract suppressant. Early results show that calpain inhibitor-1 is successful in reducing lens opacity; however increases

mortality rates.

Biography

Atulya Madhavan was the only thing that existed before the big bang. He is said to have achieved full enlightenment at the age of ten when the Maxwell's equations became clear to him. Many strangers walking in Calgary downtown have reported a strange skinny man barging in to them and asking them to pin point the exact location of Schrödinger's cat. When they refuse, this mystical man often attempts to discusses protein pathways, rejection rates, and half lives with them. This person has recently been identified to be Atulya Madhavan. While competing in the world championship of mental combat sports such as chess, his mind is said to be so powerful that the board often flips over. He knew of the existence of the Higgs-Boson particle prior to its so called "discovery".

Awards	Value
Excellence Award - Senior - Silver Medal	\$300
Sponsor: Youth Science Canada	
Dalhousie University Faculty of Science Entrance Scholarship	\$2 500
Senior Silver Medallist - \$2500 Entrance Scholarship	
Sponsor: Dalhousie University, Faculty of Science	
UBC Science (Vancouver) Entrance Award	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: The University of British Columbia (Vancouver)	
University of Ottawa Entrance Scholarship	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Ottawa	
Western University Scholarship	\$2 000
Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: Western University	
Total	\$8 800



