

CWSF 2012 - Charlottetown, Prince Edward Island



Jai Aggarwal

Reversing Radiation: Are Antioxidants the Answer?

Challenge: Health

Category: Junior

Region: Peel

City: Mississauga, ON

School: Sherwood Heights School - Erin Mills Campus

Abstract: In this project, I wanted to see if antioxidants could reverse the effects of radiation. I thought that they could reverse the effects, and that the Super Berry mixture would be the most effective in doing so. I was wrong, however, as cloves turned out to be the best antioxidant.

Biography

My name is Jai Aggarwal and I am 13 years old. I attend Sherwood Heights School. Every year I take part in my school science fair and speech competition, and go on the track team. I love reading and playing video games. I hope to get into Harvard in a science program, in order to become a doctor. One of my notable experiences is going to the World Leadership Forum in Washington D.C. in June of 2011. I got the inspiration for my project because of the Fukushima-Dai-ichi nuclear plant incident in March of 2011. I wanted to see if I could cure the radiation, or at least find a way to prevent its effects. I conducted a further investigation, in which I decided to see if combinations of antioxidants would work better than a single antioxidant. Some advice to students doing their own projects is to try different things and use different controls to compare different sets of items.