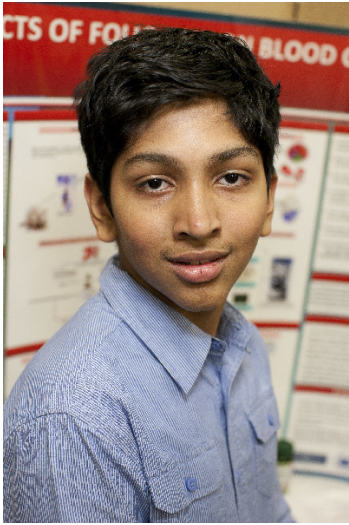


CWSF 2011 - Toronto, Ontario



Effects of Folic Acid on Blood Cells

Challenge: Health

Category: Junior

Region:

City: ,

School:

Abstract: Folic acid, a water-soluble vitamin, prevents anaemia, depression and certain types of cancer. Recently, it was found that overdose of folic acid can cause severe heart and kidney problems. Hence, the present study was designed to investigate the role of folic acid in cell disruption, abnormal cell proliferation and to determine if folic acid needs a co-factor such as iron to prevent cell death.

| Awards | Value |
|---|----------------|
| Challenge Award - Health - Junior Sponsor: Canadian Institutes of Health Research | \$500 |
| Excellence Award - Junior - Gold Medal Sponsor: Youth Science Canada | \$1 500 |
| The University of Western Ontario Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: University of Western Ontario | \$4 000 |
| Total | \$6 000 |