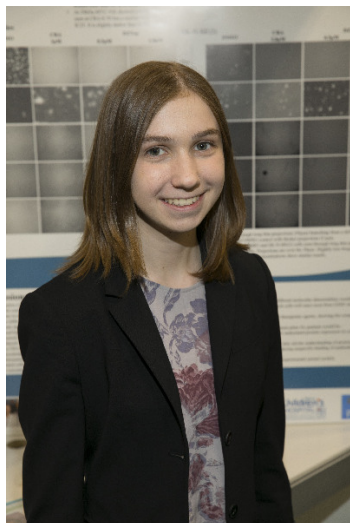


CWSF 2017 - Regina, Saskatchewan



Novel Pediatric Cancer Therapy: Targeting Epigenetics to Induce Differentiation

Challenge: Health

Category: Senior

Region:

City: ,

School:

Abstract: An Enhancer of Zeste Homolog 2 (EZH2) inhibitor was investigated for its effect on differentiation pathways in neuroblastoma cells. Differentiation is the process of specializing and maturing, by inducing this in neuroblastoma it allows for better treatment outcomes and lower chance of relapse in patients. The inhibitor shows promise as a new therapeutic agent for treating neuroblastoma through differentiation.

Awards	Value
University of Ottawa Undergraduate Research Scholarship Award Senior Sponsor: University of Ottawa, Faculty of Science	\$10 000
Youth Can Innovate Awards - Senior Sponsor: The Gwyn Morgan and Patricia Trottier Foundation	\$1 000
Challenge Award - Health - Senior Sponsor: AstraZeneca Canada	
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
Best Project Award Sponsor: Youth Science Canada	\$2 500
Total	\$35 750