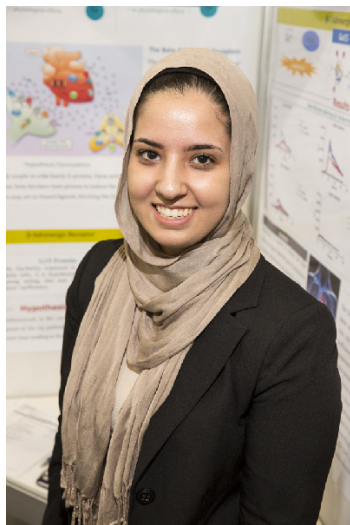


CWSF 2015 - Fredericton, New Brunswick



Marjan Ghazi

Limitations of Beta-Blockers

Challenge: Health

Category: Senior

Region: Montreal

City: Laval, QC

School: École secondaire Laval-Liberty

Abstract: Current medicinal treatments for various cardiovascular diseases adopt the utility of Beta-blockers. However, these drugs occasionally fail and this project confirms the presence of G β 15 protein as a cellular factor, causing this failure, leading pharmacologists to new directories.

Biography

My project was driven by my continuous interest in medicine and started out with my curiosity. Having the dream of becoming a physician, I chose to apply my dedication to such topics. Volunteering at local hospitals, helping with different fundraisers and foundations, I hope to apply myself to the field, professionally, one day. For the moment, I am persevering at school, where I maintain a high ranking on the principal's honour roll and have received a few bursaries and some humbling awards. This project, along with my day-to-day participation in schoolwork is keeping me engaged to my ultimate goal.

Awards

Value

University of Ottawa Undergraduate Research Scholarship Award Senior Sponsor: University of Ottawa, Faculty of Science	\$10 000
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 New Brunswick Canada-Wide Science Fair Scholarship Gold Medallist - \$5000 Entrance Scholarship Sponsor: University of New Brunswick	\$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
Total	\$37 250