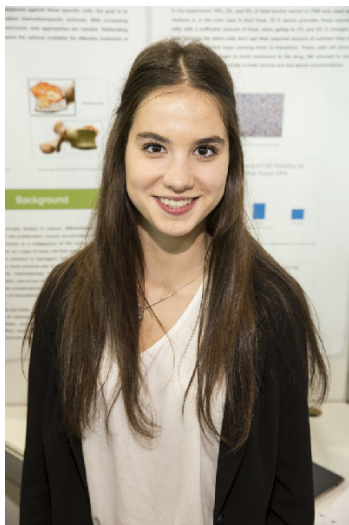


CWSF 2015 - Fredericton, New Brunswick



Tamara Radovic

Obliterating Osteosarcoma with M109

Challenge: Health

Category: Senior

Region: Edmonton

City: Edmonton, AB

School: Archbishop MacDonald H.S.

Abstract: Cancer is a condition where a certain population of abnormal cells proliferate without restriction and eventually form a tumour. Osteosarcoma is a tumour of the bone. I will be investigating the cytotoxicity of a new untested drug compound (M109) against osteosarcoma cell cultures HOS and 143B in normal conditions and starved environments. The starvation will be completed by withholding nutrient serum.

Biography

My name is Tamara Radovic and I am presently in grade 11, studying at Archbishop MacDonald High School. I was born and grew up in Edmonton, Alberta. Currently I am enrolled in grade 7 piano class of music school and I have been involved in dance for 13 years. Jazz, Ballet, Contemporary, Hip-hop, and Modern have built me as a person and my character. In my school life, I enjoy science and math class. In my community, I work as a swim instructor and I am a costume interpreter volunteer for the City of Edmonton. My project "Obliterating Osteosarcoma with M109" is an investigating the cytotoxicity of a new untested drug compound (M109) against osteosarcoma cell cultures HOS and 143B in normal conditions and starved environments. I hope one day to enroll in medical school and impact many people's lives for the good.

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