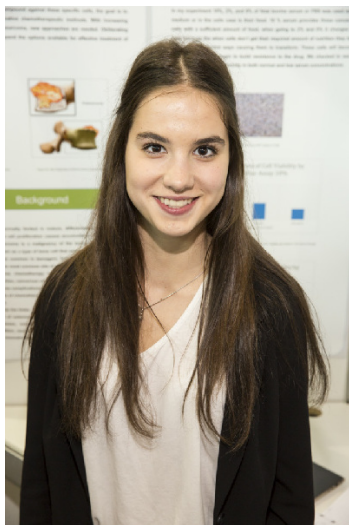


## CWSF 2015 - Fredericton, New Brunswick



### 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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