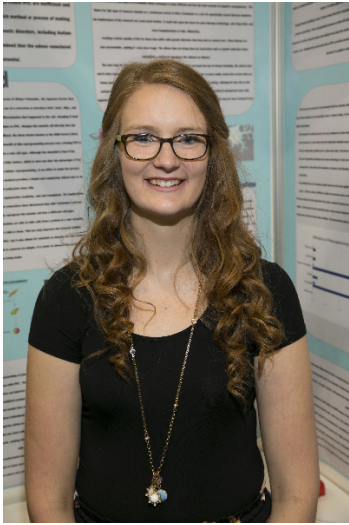


CWSF 2017 - Regina, Saskatchewan



Brittany Weisbeck

The Wonderful World of Induced Pluripotent Stem Cells

Challenge: Health

Category: Senior

Region: Prairie Valley

City: Vibank, SK

School: Vibank School

Abstract: Induced Pluripotent Stem Cells (iPSC) have an immense potential that is not yet being harnessed, because current methods used to create iPSC are inefficient and potentially harmful. This study investigates which method or process of making iPSC has the best possibility to find a cure to genetic disorders, including Autism and Duchenne Muscular Dystrophy. It is determined that the adeno-associated virus has the most potential.

Biography

I am Brittany Weisbeck, born and raised on a farm outside of the small town of Vibank, Saskatchewan. I am very athletic, I play volleyball, soccer, run track and field, cross country, I figure skate and just recently I completed my first half marathon. This past year I have competed at the provincial level for both track and field and cross country. I enjoy acting and am involved with my schools drama program. I have also participated in Missuola Children's theater for the past 7 years. I have played clarinet in high school band for 5 years. My goals for the future include graduating high school with a grade point average above 90%, and being able to continue my learning with either university or other post secondary education. My project was inspired by the multiple intelligence theory. Emily and I were intrigued to learn more about our classmates through tests based on the multiple intelligence.

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