Purpose
The purpose of this call for research essays for high school students is to stimulate interest in, and develop their understanding of, the theories and applications of stem cell research.

All currently enrolled high school students are eligible to participate. All essays need to be submitted by March 3, 2014 to be considered for awards.

Topics of Research Essays
1. How do stem cells differentiate into adult cells? How can these processes be manipulated to generate new tissues?
2. Discuss the recent successes of the use of stem cells in therapy for human disease.
3. Discuss the challenges of making stem cell therapies more viable for human use.
4. What are stem cells and how do they work? How do embryonic differ from adult stem cells? Which stem cells have seen success in their intended use for human therapies?

Research Essay Guidelines
Quality of the content is favored over length (but essay should be long enough to address the questions you researched).

At least five references should be used in the preparation of the research paper with at least two of the references from recent publications. (Wikipedia cannot be listed as a reference for the essay).

References must be cited within text of essay.

References must be included in bibliography:
Periodicals: Author, title, publication, volume, number and date
Textbooks: Author, title, publisher date
Websites: Author, title, website link

Research Essay Submission Information
All questions prior to submission as well as essay submission can be forwarded via email to Samantha Phu at phus@cshs.org.

The winners will be announced during the Cedars-Sinai Department of Neurosurgery’s Introduction to the World of Stem Cells Program for high school students, parents and teachers on Tuesday, March 11, 2014 at 5pm at Cedars-Sinai Medical Center’s Harvey Morse Auditorium.

For more information, contact Samantha Phu
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