Jason Cromer

BIOL 100-06

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Research Paper Outline

1. Introduction:

Advanced forms of treatment are attributed to Stem Cells: nature’s intelligent and autonomous doctors that can heal and repair injuries that our modern doctors and surgeons cannot.

1. Analysis and Scientific Method:

In Damdimopoulo’s study (Damdimopoulo), human stem cells from eight-stage embryos were used to treat age-related macular degeneration and many forms of spinal cord injury. These studies were found conclusive to aiding the results of said injuries.

1. Opinion:

In my opinion, stem cells offer such great benefit and reward with minor to absolutely no cost, ethically. Embryotic stem cells can now be harvested without destroying the embryo, and animal testing has become more humane than ever before. Due to this, I believe that the overwhelming achievements in this field of research is undeniably beneficial to human beings.

1. References

-Thapar, N. "Stem Cells." *Neurogastroenterology and Motility*, 27 (2015).

-Damdimopoulou, P. , Rodin, S. , Stenfelt, S. , et al. (2016). Human embryonic stem cells. Best Practice & Research. Clinical Obstetrics & Gynaecology, 31, 2-12.