



## The Corporate Stem Cell Hoax Fact Sheet

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**Did you know** that *adult stem cell* therapies **currently** treat **58** different diseases in human patients, while *embryonic stem cell research* has produced **ZERO** human treatments. Not one.<sup>1</sup>

**So why** does Big Biotech want *our* tax dollars to fund cloning for embryonic stem cell research?

**Why** does Big Biotech **exploit suffering families** and patient advocacy groups by relentlessly overselling the potential of cloning and embryo research?<sup>2</sup>

### ***Follow the money . . .***

#### Cloned Embryonic Stem Cell Research: **NO human treatments – LOTS of cash**

- Private investors know that embryonic stem cell research is a failed venture.<sup>3</sup>
- Thus, Big Biotech's need for Money is the driving force in the effort to promote Federal funding of human embryonic stem cells or human cloning.
- Researchers and Biotech companies can patent and mass-produce cloned, embryo, and fetal stem cell lines that can be sold nationwide.<sup>4</sup>
- University scientists often present themselves as objective arbiters in the cloning debate – but most have serious skin in the game because cloned stem cells represent the possibility of millions of dollars in patentable stem cell lines.<sup>5</sup>

#### Adult stem cell treatments: **MANY human treatments – Not much cash**

- By contrast, in many adult stem cell treatments for current patients, a person's own adult stem cells from fat, bone marrow, hair or cord blood can be used.
- Because a person's own cells are used, researchers can only develop a procedure that is generally **not patentable** according to new patent laws since medical operations using ones own cells and tissues should be for the benefit of humanity.<sup>6</sup>
- Adult Stem Cells have already led to 58 human treatments -- Embryo Cloning research has led to **none**. It's time we face the facts -- Quick cash, not cures, drives the Clone and Kill lobby.

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<sup>1</sup> Prentice, D. "Adult Stem Cells" Appendix K in *Monitoring Stem Cell Research: A Report of the President's Council on Bioethics* (Washington, DC: Government Printing Office, 2004), 309-346. See <http://www.stemcellresearch.org/facts/treatments.htm>.

<sup>2</sup> Michael Hiltzik, "Potential of Stem Cells Relentlessly Oversold," *Los Angeles Times*, 10/28/2004.

<sup>3</sup> David P. Hamilton, "Biotech's bottom line: More than \$40 billion in losses," Associated Press as reported in *The Wall Street Journal Online*, 5/20/2004.

<sup>4</sup> Marshall, E. (2000) "The Business of Stem Cells," *Science*, 287:1419-1421.

<sup>5</sup> Neil Munro, "Doctor Who: Scientists are treated as objective arbiters in the cloning debate, but most have serious skin in the game," *Washington Monthly*, November 2002.

<sup>6</sup> Senate Commerce Subcommittee on Science, Technology, and Space, July 14, 2004, Testimony of Jean D. Peduzzi-Nelson, Ph.D., Department of Physiological Optics, University of Alabama at Birmingham.