90 NEW REASONS TO RECONSIDER THE ALLEGED NEED FOR STEM CELL RESEARCH THAT DESTROYS HUMAN EMBRYOS

Recent Advances (published since 109th Congress’s stem cell votes) in Adult Stem Cell Research and Other Alternatives to Embryonic Stem Cell Research

June 2006 - present

OVERALL SUCCESS


ADULT STEM CELL VERSATILITY

• “Fate of Bone Marrow Stem Cells Transplanted into the Testis,” The American Journal of Pathology, March 2007, http://ajp.amjpathol.org/cgi/content/abstract/170/3/899

STEM CELL SOURCES

• “Stem cells found in adult hair follicles may provide alternative to embryonic stem cells,” EurekAlert, December 11, 2006, www.eurekalert.org/pub_releases/2006-12/mcow-sclf121106.php
• “Don’t Surrender Any More Teeth to the Tooth Fairy,” Scientific American, December 26, 2006,


“Liposuctioned fat stem cells to repair bodies,” European Science Foundation (Press Area), February 22, 2007.

“Liposuctioned fat stem cells to repair bodies,” European Science Foundation (Press Area), February 22, 2007.

CORD BLOOD


“First Israeli saved from acute leukemia by umbilical cord blood from two separate births,” Jerusalem Post, February 12, 2007.


BONE/CARTILAGE


“Aussie stem cell trial wins US approval,” The Age (Australia), December 20, 2006.


“Case Study Reports That Orthopedic Trauma Surgeon Injects Adult Stem Cells Derived From the Patient’s Own Marrow Into Her Broken Legs, Which Had Not Healed by Seven Months Post-Injury – Instead of Open Surgery,” Yahoo Finance, February 8, 2007.

“Healing Bone with Stem Cells,” Technology Review (Published by MIT), March 7, 2007.
BRAIN DAMAGE


• “Scientists spur growth of adult brain stem cells,” MSNBC (Reuters), November 14, 2006, www.msnbc.msn.com/id/15720021/print/1/displaymode/1098/


CANCER


DIABETES

• “Stem cells may help Bergen boy fight diabetes,” NorthJersey.com (North Jersey Media Group Inc.), August 18, 2006, www.northjersey.com/page.php?qstr=eXiPcnk3ZjcxN2Y3dnFlZUVFeXkzJmZnYmVsN2Y3dnFlZUVFexk2OTc3MTcx


• “Wnt signaling regulates pancreatic beta cell proliferation,” Proceedings of the National Academy of Sciences (PNAS), Advance Online Publication April 2, 2007,
EYE/EAR

HEART
• “Researchers grow human heart tissue from stem cells,” ABC Online, June 7, 2006, www.abc.net.au/worldtoday/content/2006/s1657710.htm
• “Cultured autologous stem cell trials show sustained heart function improvement,” Managed Care Business Week, October 17, 2006, www.newsrx.com/article.php?articleID=365417
• “Stem cells from fat transplanted into heart,” MSNBC (Reuters), February 6, 2007, www.msnbc.msn.com/id/17007196/print/1/displaymode/1098/
• “British team grows human heart valve from stem cells,” The Guardian (UK), April 2, 2007, www.guardian.co.uk/print/0,,329765220-110418,00.html

IMMUNE SYSTEM (Multiple sclerosis, lupus, etc.)

KIDNEY/LIVER

MUSCULAR DYSTROPHY

PARKINSON’S DISEASE

SPINAL CORD
• “Olfactory Mucosa Autografts in Human Spinal Cord Injury: A Pilot Clinical Study,” Journal of Spinal Cord Medicine, 2006,
• “Bone marrow stromal cells can achieve cure of chronic paraplegic rats: Functional and morphological outcome one year after transplantation,” *Science Direct*, July 10, 2006, www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T0G-4K0FJWC-2&_user=10&_coverDate=07%2F10%2F2006&_alid=469379479&_rdoc=1&_fmt=summary&origin=search&cdi=4862&sort=d&docanchor=&view=c&acct=C000050221&version=1&urlVersion=0&userid=10&md5=203dead71214575a7e9c0f0390ae8e9


WOUNDS/BURNS


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