

Midwest Stem Cell Therapy Center--SB199

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Adult stem cells and umbilical cord blood stem cells are being used successfully right now to treat an increasing number of patients and conditions. Published scientific evidence shows success with adult stem cells in patients with leukemias and other cancers, heart damage, stroke, multiple sclerosis, diabetes, spinal cord injury, and dozens of other conditions. Adult stem cells are the only proven successful stem cell for treating patients, with over 60,000 people a year around the globe receiving adult stem cell transplants.¹ Over 2,600 current or completed FDA-approved clinical trials use adult stem cells.² There is a 1 in 200 chance that anyone in the U.S. will have an adult stem cell transplant during our lifetime.³

SB 199 establishes the Midwest Stem Cell Therapy Center, a unique stem cell center.

- Patient focused--advancing and delivering adult and cord blood stem cell therapies.
- Resource and training facility for physicians.
- Provide a sorely-needed core facility to produce clinical-grade stem cells for treatments.
- Form a network of physicians and scientists using adult stem cells.
- Develop new and improved therapies, coordinate clinical trials and research projects.
- Educate the public about the successful science of adult stem cells.
- Create and maintain a global database of available, validated stem cell therapies and clinical trials. No such database now exists.

The Center's database would provide a unique global resource for physicians and patients.

Thanks to Governor Sam Brownback, Senator Mary Pilcher Cook, and the many others who championed this legislation.

Kansas is well positioned to become a leader in this medical revolution, and a unique global resource. Adult and cord blood stem cell therapies are rapidly blooming, and the Center can make Kansas a focal point for therapies, education and training. Kansans stand to benefit immensely. The potential benefits for patients are immeasurable.

¹ See, e.g., Fred Hutchinson Cancer Research Center, 'Father of bone marrow transplanton' Dr. E. Donnall Thomas dies, Oct 20, 2012; <http://www.fhcr.org/en/news/releases/2012/10/e-donnall-thomas-dies.html>

² Search term: <http://www.clinicaltrials.gov/ct2/results?term=adult+stem+cell+transplants&type=Intr> accessed Mar 17, 2013.

³ Nietfeld JJ *et al.*, Lifetime Probabilities of Hematopoietic Stem Cell Transplantation in the U.S., *Biology of Blood and Marrow Transplantation* 14, 316-322, 2008