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**ROBIN CARNAHAN**  
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STATE OF MISSOURI

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**Stem Cell Research Annual Form**

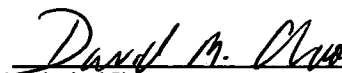
**Name of institution, hospital, other entity, or other person conducting human embryonic stem cell research in the State of Missouri during the prior calendar year:**

Stowers Institute for Medical Research, Kansas City, MO

**How the public may obtain copies of or otherwise gain access to its annual report:**

2009 link is available from <http://stowers.org/Public/StemCellResearch.asp>

**Signed:**

	Dr. David Chao	President	5-17-10
Authorized Signature	Printed Name	Title	Date

**Please mail this completed form to:**

**Office of Secretary of State  
ATTN: Executive Deputy Secretary of State  
600 West Main. St., PO Box 1767  
Jefferson City, MO 65102-1767**

**Missouri Constitution Article III, Section 38(d)**

Each institution, hospital, other entity, or other person conducting human embryonic stem cell research in the state shall (i) prepare an annual report stating the nature of the human embryonic stem cells used in, and the purpose of, the research conducted during the prior calendar year, and certifying compliance with subdivision (6) of subsection 2 of this section; and (ii) no later than June 30 of the subsequent year, make such report available to the public and inform the Secretary of State how the public may obtain copies of or otherwise gain access to the report.

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**STOWERS INSTITUTE®**  
FOR MEDICAL RESEARCH

**Annual Report on hESC Research**

(pursuant to Section 38(d) of Article III of the Missouri Constitution)

Calendar year 2009

The nature of the human embryonic stem cells used in, and the purpose of, the research are as follows:

*In 2009, the Stowers Institute continued research with human embryonic stem cells obtained from the WiCell Research Institute in Wisconsin and Dr Doug Melton at the Harvard Stem Cell Institute, Boston, MA. These cells have been grown in lab dishes to be manipulated with external and recombinant DNA technologies, to attempt to direct their differentiation into paraxial mesoderm cells – the cells that form bone and muscle of the spine. The purpose of this work is to model the early steps in spinal development under controlled conditions in lab dishes to gain insight into how diseases such as scoliosis can be prevented.*

The public may obtain copies of or otherwise gain access to this report by visiting the following webpage and selecting the 2009 link:

<http://stowers.org/Public/StemCellResearch.asp>

Stowers Institute for Medical Research certifies that the research was conducted in compliance with the requirements of subdivision (6) of subsection 2 of section 38(d) of Article III of the Missouri Constitution.

<i>David M. Chao</i>	<i>David M. Chao</i>	<i>President</i>	<i>5-17-10</i>
Name	Signature	Title	Date

06/2007