



**Annual Report on hESC Research**  
*Pursuant to Section 38(d) of Article III of the Missouri Constitution*

Name of institution, hospital, other entity, or other person which conducted human embryonic stem cell research in the State of Missouri during the prior calendar year, 2012:

The Curators of the University of Missouri

Nature of the human embryonic stem cells used in, and the purpose of, the research:

Title: Pluripotent human stem cells as models for normal and diseased trophoblast. This project is designed to establish a new model for studying extravillous trophoblast (EVT), a placental cell type that invades the wall of the womb during the first trimester of pregnancy and whose failure to invade properly can lead to serious consequences for mother and child, including a condition called pre-eclampsia. The cell lines are a male line, hESC H1 (WA01), and two female lines, H7 (WA07) and H9 (WA09).

Manner in which the public may obtain copies of or otherwise gain access to this report:

On the web: [research.missouri.edu/policies/files/hescreport12.pdf](http://research.missouri.edu/policies/files/hescreport12.pdf)

Written request sent to: MU Office of Research  
Attn: hESC Report  
205 Jesse Hall  
Columbia, MO 65211

By signing below, the reporting entity or person 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.

Michael F. Nichols  
Vice President, Research & Economic Development  
University of Missouri

6/5/2013

Date