

UConn/UConn Health Human Stem Cell Compliance Tutorial Quiz

This quiz is “pass or fail.” To pass, your answers must be 100% accurate. If you pass, the SCRO Office will send you a certificate of completion. If you fail, the Office will notify you and ask you to take the test again until you pass. You MAY NOT initiate hESC research until you have passed this quiz and an amendment form to add you to a SCRO protocol has been approved by the SCRO Committee.

Please write your answers in the Tutorial Quiz Answer Sheet (found here: <http://research.uhc.edu/rcs/stem-cells/training/>) and email the signed Answer Sheet to eciesielski@uchc.edu.

If you have any questions about this tutorial, please contact Audrey Chapman, Ph.D., Chair, SCRO Committee, achapman@uchc.edu or Ellen Ciesielski, SCRO Coordinator, eciesielski@uchc.edu.

1. According to the NIH guidelines effective July 2009, federal money may be used with pre-existing hESC lines meeting the following conditions:

- A. All human gametes, embryos, and somatic cells have been donated with appropriate informed consent with no financial inducements
- B. The hESC lines have been derived from embryos in excess of those needed for fertility treatments
- C. The hESC lines were derived before August 9, 2001
- D. All of the above
- E. Only A and B above

2. Which areas of iPSC research requires Stem Cell Research Oversight (SCRO) Committee Oversight?

- A. Creation of new iPSC lines
- B. In vitro iPSC research
- C. In vivo research involving implantation of human induced pluripotent stem cells into prenatal animals or into the central nervous system of post-natal animals.
- D. Generation of gametes from iPSC lines
- E. None of the above
- F. All of the above
- G. Only C and D
- H. Only A, C, and D

3. NIH's expansion of the category of research fundable by Federal money in 2009 includes the derivation of new hESC lines.

- A. True
- B. False

4. A SCRO Amendment Form must be filed before:

- A. Adding new personnel
- B. Significant changes in experiments using hESC or derivatives
- C. Use of additional hESC lines
- D. Only B and C
- E. Only C
- F. A, B, and C

5. All hESC lines acquired from other investigators require a Material Transfer Agreement (MTA) between the provider and UConn or UConn Health.

- A. True, only when hESC are transferred from an outside institution
- B. True, for transfers between investigators inside the institution, as well transfers from outside institutions
- C. False

6. Each project utilizing hESC or their derivatives requires prior approval from the Stem Cell Research Oversight (SCRO) Committee whenever the project is funded by the following sources.

- A. State of Connecticut Regenerative Medicine Research Fund
- B. Federal money
- C. Department funds
- D. Private money
- E. All of the above

7. In order to obtain hESC lines or derivatives from a University of Connecticut/UConn Health colleague, which of the following conditions must be met?

- A. Transfer is approved in advance by the SCRO Committee
- B. A Material Transfer Agreement (MTA) is in place between the recipient investigator and the hESC owner's institution (e.g., WiCell)
- C. Both the provider and the recipient have an approved SCRO protocol to use the cell line
- D. Only B and C
- E. Only C
- F. A, B, and C