



Human Embryonic Stem Cell Finance and Research Compliance Tutorial

Post Test

1. According to the new draft NIH guidelines of April 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 and with no financial inducements.
 - B) The hESC lines have been derived from embryos in excess needed for fertility treatments
 - C) The hESC lines were derived before Aug. 9 2001
 - D) All of the above
 - E) Only A and B above.

2. Obama's expansion of the category of research fundable by Federal money includes the derivation of new hESC lines.
 - A) True
 - B) False

3. Initiation of hESC research with human gametes requires approval from:
 - A) The ESCRO Committee
 - B) The IRB
 - C) The Stem Core Facility
 - D) A and B
 - E) All of the above

4. For any stem cell research project in the State of Connecticut that uses hESC, human embryos or gametes, a State of Connecticut Verification Form must be filed with the Commissioner of Public Health regardless of source of funding.
- A) True
 - B) False
5. The purpose of the ESCRO and ORSP/OSP Forms is to:
- A) Inform relevant office personnel of the research
 - B) Alert the Office of Research Finance to assess ownership of equipment to be used in research
 - C) Initiate accounting
 - D) Obtain information relevant to ensuring compliance with State and Federal laws and university policies.
 - E) A & B
 - F) All of the above
6. Research using pre-existing hESC lines requires human subjects IRB approval under the following conditions:
- A) Always
 - B) Never
 - C) Only when the lines are associated with personal identifiers of donors (i.e. when the lines are coded or have direct identifiers)
7. All hESC lines require a Material Transfer Agreement (MTA) between the provider and UConn.
- A) True
 - B) False
8. Each project utilizing hESC or their derivatives requires prior approval from ESCRO whenever the project is funded by the following sources:
- A) State of Connecticut Stem Cell Fund money
 - B) Federal money

- C) Department funds
- D) Private money
- E) Only A
- F) Only A and B
- G) All of the above

9. Salary must be allocated and charged to hESC awards (gifts, departments, University) commensurate with effort put forth on the projects.

- A) True
- B) False

10. hESC research labs must meet BSL-2 and the OSHA blood-bourne pathogen standards.

- A) True
- B) False

11. Which areas of iPS research require ESCRO oversight?

- A) Creation of new iPS lines
- B) *In vitro* iPS research
- C) Transplantation of iPS lines into animals
- D) Generation of Gametes from iPS cells
- E) None of the above
- F) All of the above
- G) Only C and D
- H) Only A, C, and D.

12. An ESCRO protocol amendment form must be filed with the following changes:

- A) Lab personnel who handle hESC
- B) Locations at which hESC research is conducted
- C) Experiments using hESC or derivatives
- D) Use of additional hESC lines
- E) Only C and D
- G) Only D
- H) All of the above

13. It is acceptable to obtain a hESC line or live derivatives from a University of Connecticut colleague under the following conditions:

- **A) Transfer is approved in advance by the ESCRO**
- **B) The Stem Cell Core is notified by the PI who intends to share the hESC**
- **C) Both the provider and the recipient have an approved ESCRO protocol to use the cell line**
- **D) Only B and C**
- **E) Only C**
- **F) All of the above**

14. Chimeric mammals may be bred in the Animal Care Facility.

- **A) True**
- **B) False**

15. Use of human embryos from the UCHC In vitro Fertilization (IVF) Clinic for hESC research requires prior approval from the IRB.

- **A) True**
- **B) False**

16. ESCRO approval of hESC research conducted in the State of Connecticut is required by State of Connecticut Law.

- **True**
- **False**

About this test:

This test is simply pass or fail. To pass you must get 100% accuracy. On completion, if you pass, the ESCRO office will send you your certificate of completion. If you fail, the office will notify you and you simply take the test again.

You MAY NOT initiate hESC research until you have passed this test and been notified by ESCRO.

If you have questions about this tutorial, please contact:

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