

**University of Southern California  
Stem Cell Research Oversight Committee (SCRO)  
New Proposal Application**

SCRO Protocol #:  
Date Submitted:  
Approval Date:

Please fill in this application with sufficient information detailed in lay terms, so that committee members will be able to understand the application and its scientific importance. Please add your signature and email to: [alice.ma@med.usc.edu](mailto:alice.ma@med.usc.edu)

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**Proposal Title**

*[Please ensure that the proposal title remains consistent when submitting to other USC regulatory review committees and to the proposed funding source.]*

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**Principal Investigator**

**Department**

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**Campus Mailing Address**

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**Phone**

**USC Email Address**

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**Co-Principal Investigator/Co-Investigator**

**Department**

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**Campus Mailing Address**

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**Phone**

**Email Address**

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**Sponsor/Funding Source (e.g., CIRM, departmental, gift funds)**

**Section A: Scientific Objectives**

1. Please summarize the overall research plan for this proposal – include the experimental approach and the source of the stem cells. Provide sufficient detail to explain how stem cells will be derived or used and what types of analyses will be done.
  
2. Please provide the scientific rationale for the objectives of this proposal, including why the proposed design requires use and or derivation (if applicable) of stem cells as described in the proposal.

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3. Please explain why human stem cells are necessary for this project instead of non-human stem cells.
  
4. If human embryonic stem cells are to be used, please explain why hESC stem cells are necessary for this project instead of other types of stem cells (e.g., adult).

**Section B: Stem Cell Lines**

Are you utilizing existing stem cell lines?       Yes       No

Please provide the following information regarding the source of the stem cell lines. (Please see list of USC's SCRO-approved cell lines and links to the NIH hESC Registry and the UK Stem Cell Bank on page 6 of this form).

Name/Vendor/Code	Federally approved? (Yes/No)	Released by UK Stem Cell Bank? (Yes/No)	USC SCRO approved? (Yes/No)	Canadian Inst Health Res approved?

*Note:* Please contact the Eli and Edythe Broad Center for Regenerative Medicine and Stem Cell Research at USC at [alice.ma@med.usc.edu](mailto:alice.ma@med.usc.edu) for further information about completing this application if you are:

- procuring or using human oocytes; or
- using human embryos; or
- deriving or creating a stem cell line

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**Section C: Research Involving Animals**

1. Does this project involve introducing stem cell lines into animals or introducing neural-progenitor cells into the brain of animals at any state of embryonic, fetal or postnatal development?     Yes     No  
*If no, please proceed to Section D of this application.*

2. Please list the type and number of animals that are proposed to be used:

<u>Animal Type</u>	<u>Number</u>
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3. Please provide an acceptable scientific rationale for introducing stem cells into animals.

4. Please evaluate the probable pattern and effects of differentiation and integration of human cells into animal tissues.

5. Will stem cells be introduced into nonhuman primate embryos?     Yes     No  
[Please note that this activity is not eligible for CIRM funding]

6. Will the animals where stem cells have been introduced be permitted to breed?     Yes     No  
[Please note that this activity is not eligible for CIRM funding]

7. Will stem cells be introduced into nonhuman primate blastocysts?     Yes     No  
[Please note that this activity is not prohibited under CIRM regulations]

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**Section D: Additional Information**

1. Please list the names of the research staff in your laboratory who will be directly working with stem cells on this project. Describe the expertise and training that the PI/ Co-PI and research staff have in using, deriving and otherwise working with stem cells for research purposes.

2. Please provide the location of the research.

Building Name	Room Number(s)

3. Please provide the source (eg. Vendor or USC Stem Cell Core) and location of where the stem cells will be stored.

Building Name	Room Number(s)

4. Please indicate if you receive federal funds to conduct stem cell research.  Yes  No

Scientists who receive federal funds and study both federally fundable and non-federally fundable hESCs must charge research costs for study of non-federally fundable hESC lines only to non-federal sources of funding. Also, research on non-federally fundable hESC lines may not be carried out in facilities which were purchased or constructed, in whole or in part, with federal funds and no federally-funded equipment may be used in such research. Research on lines (or their derivatives) not listed on the NIH Human Embryonic Stem Cell Registry may not be supported by federal funds. For further information, please refer to the NIH website FAQs at <http://stemcells.nih.gov/>.

5. Please provide a copy of any applicable approvals or waivers from any other regulatory research committees that have jurisdiction over this proposal (e.g., Institutional Review Board, Institutional Animal Care and Use Committee, Institutional Biosafety Committee). If you are not certain as to which other committees might require review of this proposal, please contact the Center for Stem cell and Regenerative Medicine x 24363.

6. Does the Funding Agency require a letter of approval?  Yes  No

If you have indicated yes above, please list the address to which the letter is to be sent below:

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**Principal Investigator Assurance:** I certify that the information provided in this application is accurate and complete. I certify that I have read and agree to abide by federal and state requirements for conducting stem cell research, including as applicable, **CIRM California State SB1260 NAS**. I have reviewed and agree to abide by all institutional policies governing the use of human stem cells for research, testing, teaching or demonstration purposes at USC. I certify that the proposed studies do not represent unnecessary duplication of experiments.

**I also agree to the following:**

- 1. I only will use the stem cell lines indicated in my proposal that have been approved by SCRO.**
- 2. I will obtain SCRO's approval before using any other lines.**
- 3. I understand that sharing of any cell lines with other labs on or off campus is PROHIBITED.**
- 4. I shall promptly report any significant or continuing adverse event to the SCRO in writing.**
- 5. I shall apply for continuing review of this proposal no later than one year from the date of the SCRO's approval of this proposal.**

A faculty member, staff member or student is considered to have a conflict of interest when he/she or that person's Close Relation, possesses a financial or personal interest in an activity that involves his/her USC responsibilities relating to research. Please see the University's Policy on Conflict of Interest at the following website: <https://policy.usc.edu/conflict-of-interest-in-research/>.

\_\_\_\_\_  
**Principal Investigator**

\_\_\_\_\_  
**Date**

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**USC SCRO APPROVED STEM CELL LINES**  
(Not on NIH Registry)

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HES-1	HES-4	USC-01
HES-2	HES-5	
HES-3	HES-6	

**Link to NIH Human Embryonic Stem Cell Registry:**

<http://stemcells.nih.gov/research/registry/>

**Research using these cell lines is eligible for NIH funding:**

[http://grants.nih.gov/stem\\_cells/registry/current.htm](http://grants.nih.gov/stem_cells/registry/current.htm)

**Submitted cell lines pending review:**

[http://grants.nih.gov/stem\\_cells/registry/pending.htm](http://grants.nih.gov/stem_cells/registry/pending.htm)

**Link to California Institute of Regenerative Medicine:**

<https://www.cirm.ca.gov/our-funding/acceptably-derived-embryonic-stem-cell-lines>

**Link to UK Stem Cell Bank:**

<https://nibsc.org/ukstemcellbank>

**Link to Canadian Institutes of Health Research:**

<http://www.cihr-irsc.gc.ca/e/193.html>