

### Proposed Amendments to CDPH Guidelines for Human Stem Cell Research #3

I propose that we handle iPSC research by making the following two changes to the guidelines:

1. change the definition section as follows:

change the definition of "covered cells" to:

"covered stem cell line" means a culture-derived, human pluripotent cell stem cell population derived from an embryo or product of SCNT that is capable of: 1) sustained propagation in culture; and (2) self-renewal to produce daughter cells with equivalent developmental potential. "Pluripotent" means capable of differentiation into mesoderm, ectoderm, and endoderm.

2. Revise Section 5 (f): Change first sentence from:

Covered research introducing cells from or differentiated from covered stem cell lines into non-human animals, or introducing neural-progenitor cells into the brain of non-human animals at any state of embryonic, fetal, or postnatal development may not commence without SCRO Committee review and approval in writing.

to

Covered research introducing cells from or differentiated from human pluripotent stem cell lines into non-human animals, or introducing neural-progenitor cells into the brain of non-human animals at any state of embryonic, fetal, or postnatal development may not commence without SCRO Committee review and approval in writing.

I believe these changes would do three things: keeps our guidelines closer to the the mandate of SB1260; make the animal/human issue a carve out (the same way neuro-progenitor cells are); and avoid unnecessary and burdensome (and likely un-enforecable) requirements on iPSC research.