



General Assembly

February Session, 2008

**Amendment**

LCO No. 4012

\*SB0046404012SD0\*

Offered by:  
SEN. HANDLEY, 4<sup>th</sup> Dist.

To: Subst. Senate Bill No. 464      File No. 133      Cal. No. 124

**"AN ACT CONCERNING STEM CELL RESEARCH."**

1      Strike lines 3 to 31, inclusive, and insert the following in lieu thereof:

2      "(a) As used in sections 19a-32d to 19a-32g, inclusive, and section 4-  
3      28e:

4      (1) ["Institutional review committee" means the local institutional  
5      review committee specified in 21 USC 360j(g)(3)(A)(i), as amended  
6      from time to time, and, when applicable, an institutional review board  
7      established in accordance with the requirements of 45 CFR 46, Subpart  
8      A, as amended from time to time.] "Embryonic stem cell research  
9      oversight committee" means a committee established in accordance  
10     with the National Academies' Guidelines for Human Embryonic Stem  
11     Cell Research, as amended from time to time.

12     (2) "Cloning of a human being" means inducing or permitting a  
13     replicate of a living human being's complete set of genetic material to  
14     develop after gastrulation commences.

15 (3) "Gastrulation" means the process immediately following the  
16 blastula state when the hollow ball of cells representing the early  
17 embryo undergoes a complex and coordinated series of movements  
18 that results in the formation of the three primary germ layers, the  
19 ectoderm, mesoderm and endoderm.

20 (4) "Embryonic stem cells" means cells created through the joining of  
21 a human egg and sperm or through nuclear transfer that are  
22 sufficiently undifferentiated such that they cannot be identified as  
23 components of any specialized cell type.

24 (5) "Nuclear transfer" means the replacement of the nucleus of a  
25 human egg with a nucleus from another human cell.

26 (6) "Eligible institution" means (A) a nonprofit, tax-exempt academic  
27 institution of higher education, (B) a hospital that conducts biomedical  
28 research, or (C) any entity that conducts biomedical research or  
29 embryonic or human adult stem cell research."

30 Strike lines 64 to 85, inclusive and insert the following in lieu  
31 thereof:

32 "(d) A person may conduct research involving embryonic stem cells,  
33 provided (1) the research is conducted with full consideration for the  
34 ethical and medical implications of such research, (2) the research is  
35 conducted before gastrulation occurs, (3) prior to conducting such  
36 research, the person provides documentation to the Commissioner of  
37 Public Health [documentation] in a form and manner prescribed by the  
38 commissioner verifying: [that] (A) That any human embryos,  
39 embryonic stem cells, unfertilized human eggs or human sperm used  
40 in such research have been donated voluntarily in accordance with the  
41 provisions of subsection (c) of this section, [on a form and in the  
42 manner prescribed by the Commissioner of Public Health, (4) the  
43 general research program under which such research is conducted is  
44 reviewed and approved by an institutional review committee, as  
45 required under federal law, and (5) the specific protocol used to derive  
46 stem cells from an embryo is reviewed and approved by an

47 institutional review committee] or (B) if any embryonic stem cells have  
48 been derived outside the state of Connecticut, that such stem cells have  
49 been acceptably derived as provided in the National Academies'  
50 Guidelines for Human Embryonic Stem Cell Research, as amended  
51 from time to time, and (4) all activities involving embryonic stem cells  
52 are overseen by an embryonic stem cell research oversight committee."