

E2SSB 5581 - H AMD TO APP COMM AMD (H-3043.1/05) 552
By Representative Schindler

WITHDRAWN 04/16/2005

1 On page 5, after line 26 of the amendment, insert the following:
2 "(8)(a) The authority is prohibited from awarding any grant for
3 which the grant funding would be used for: (i) Any research or
4 activity involving human cloning; (ii) induced abortion in humans
5 performed after the effective date of this section or the use of cells
6 or tissues derived therefrom; (iii) knowingly conducting destructive
7 research on a human embryo or transferring a human embryo with the
8 knowledge that such an embryo will be subjected to destructive research
9 or transferring gametes with the knowledge that a human embryo will be
10 produced from such gametes to be used in destructive research; (iv)
11 human chimeras; or (v) any research or activity the federal funding of
12 which would be contrary to federal laws that are in effect on the
13 effective date of this section.
14 (b) No recipient of grant funds awarded by the authority may
15 knowingly use such funds for such research or activity prohibited under
16 (a) of this subsection.
17 (c) For purposes of this section, the following definitions apply:
18 (i) "Asexual reproduction" means reproduction not initiated by the
19 union of oocyte and sperm.
20 (ii) "Destructive research" means medical procedures, scientific or
21 laboratory research, or other kinds of investigation that kills or
22 injures the subject of such research. "Destructive research" does not
23 include in vitro fertilization and accompanying embryo transfer to a
24 woman's body, or any diagnostic procedure that may benefit the human
25 embryo subject to such tests.
26 (iii) "Gamete" means a human sperm or unfertilized human ovum.
27 (iv) "Human chimera" means a human embryo into which a nonhuman
28 cell, or any component part of a nonhuman cell, has been introduced; a
29 human embryo that consists of cells derived from more than one human
30 embryo, fetus, or born individual; a human egg that has been fertilized
31 by a nonhuman sperm; a nonhuman egg that has been fertilized by a human

1 sperm; a human egg into which a nonhuman nucleus has been introduced;
2 a nonhuman egg into which a human nucleus has been introduced; a human
3 egg or a nonhuman egg that otherwise contains haploid sets of
4 chromosomes from both a human and a nonhuman life form; a nonhuman life
5 form engineered such that human gametes develop within the body of a
6 nonhuman life form; or a nonhuman life form engineered such that it
7 contains a human brain or a brain derived wholly or predominantly from
8 human neural tissues.

9 (v) "Human cloning" means human asexual reproduction, accomplished
10 by introducing nuclear material from one or more human somatic cells
11 into a fertilized or unfertilized oocyte whose nuclear material has
12 been removed or inactivated so as to produce a living organism at any
13 stage of development that is genetically virtually identical to an
14 existing or previously existing human organism.

15 (vi) "Human embryo" means a genetically complete living organism of
16 the species homo sapiens, from the single cell stage up to eight weeks
17 development.

18 (vii) "Somatic cell" means a diploid cell having a complete set of
19 chromosomes obtained or derived from a living or deceased human body at
20 any stage of development.

21 (d) Nothing in this chapter restricts areas of scientific research
22 not specifically prohibited by this section, including research in the
23 use of nuclear transfer or other cloning techniques to produce
24 molecules, DNA, cells other than human embryos, tissues, organs,
25 plants, or animals other than humans."

EFFECT: Prohibits the authority from awarding any grant funding that would be used for any research or activity involving human cloning; induced abortion in humans performed after the effective date of this act or the use of cells or tissues derived therefrom; knowingly conducting destructive research on a human embryo or transferring a human embryo with the knowledge that such embryo will be subjected to destructive research or transferring gametes with the knowledge that a human embryo will be produced from such gametes to be used in destructive research; human chimeras; or any research or activity the federal funding of which would be contrary to federal laws that are in effect on the effective date of this act, prohibits recipients of grant funds awarded by the authority from knowingly using such funds for such

research or activity purposes, and defines terms.

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