S. 303

To prohibit human cloning and protect stem cell research.

IN THE SENATE OF THE UNITED STATES

February 5, 2003

Mr. Hatch (for himself, Mrs. Feinstein, Mr. Specter, Mr. Kennedy, Mr. Harkin, and Mr. Miller) introduced the following bill; which was read twice and referred to the Committee on the Judiciary

A BILL

To prohibit human cloning and protect stem cell research.

Be it enacted by the Senate and House of Representa-
tives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the “Human Cloning Ban

and Stem Cell Research Protection Act of 2003”.

SEC. 2. PURPOSES.

It is the purpose of this Act to prohibit human

cloning and to protect important areas of medical re-

search, including stem cell research.
TITLE I—PROHIBITION ON HUMAN CLONING

SEC. 101. PROHIBITION ON HUMAN CLONING.

(a) IN GENERAL.—Title 18, United States Code, is amended by inserting after chapter 15, the following:

“CHAPTER 16—PROHIBITION ON HUMAN CLONING

"Sec. 301. Prohibition on human cloning.

§ 301. Prohibition on human cloning

“(a) DEFINITIONS.—In this section:

“(1) HUMAN CLONING.—The term ‘human cloning’ means implanting or attempting to implant the product of nuclear transplantation into a uterus or the functional equivalent of a uterus.

“(2) HUMAN SOMATIC CELL.—The term ‘human somatic cell’ means any human cell other than a haploid germ cell.

“(3) NUCLEAR TRANSPLANTATION.—The term ‘nuclear transplantation’ means transferring the nucleus of a human somatic cell into an oocyte from which the nucleus or all chromosomes have been or will be removed or rendered inert.

“(4) NUCLEUS.—The term ‘nucleus’ means the cell structure that houses the chromosomes.
“(5) OOCYTE.—The term ‘oocyte’ means the female germ cell, the egg.

“(6) UNFERTILIZED BLASTOCYST.—The term ‘unfertilized blastocyst’ means an intact cellular structure that is the product of nuclear transplantation. Such term shall not include stem cells, other cells, cellular structures, or biological products derived from an intact cellular structure that is the product of nuclear transplantation.

“(b) PROHIBITIONS ON HUMAN CLONING.—It shall be unlawful for any person or other legal entity, public or private—

“(1) to conduct or attempt to conduct human cloning;

“(2) to ship the product of nuclear transplantation in interstate or foreign commerce for the purpose of human cloning in the United States or elsewhere; or

“(3) to export to an foreign country an unfertilized blastocyst if such country does not prohibit human cloning.

“(c) PROTECTION OF RESEARCH.—Nothing in this section shall be construed to restrict practices not expressly prohibited in this section.

“(d) PENALTIES.—
“(1) **CRIMINAL PENALTIES.**—Whoever intentionally violates paragraph (1), (2), or (3) of subsection (b) shall be fined under this title and imprisoned not more than 10 years.

“(2) **CIVIL PENALTIES.**—Whoever intentionally violates paragraph (1), (2), or (3) of subsection (b) shall be subject to a civil penalty of $1,000,000 or three times the gross pecuniary gain resulting from the violation, whichever is greater.

“(3) **FORFEITURE.**—Any property, real or personal, derived from or used to commit a violation or attempted violation of the provisions of subsection (b), or any property traceable to such property, shall be subject to forfeiture to the United States in accordance with the procedures set forth in chapter 46 of title 18, United States Code.

“(e) **RIGHT OF ACTION.**—Nothing in this section shall be construed to give any individual or person a private right of action.”.

SEC. 102. OVERSIGHT REPORTS ON ACTIONS TO ENFORCE CERTAIN PROHIBITIONS.

(a) **Report on Actions by Attorney General To Enforce Chapter 16 of Title 18.**—Not later than 1 year after the date of enactment of this Act, the Comptroller General shall prepare and submit to the Committee
on the Judiciary of the Senate and the Committee on the
Judiciary of the House of Representatives a report that—

(1) describes the actions taken by the Attorney
General to enforce the provisions of chapter 16 of
title 18, United States Code (as added by section
101);

(2) describes the personnel and resources the
Attorney General has utilized to enforce the provi-
sions of such chapter; and

(3) contain a list of any violations, if any, of
the provisions of such chapter 16.

(b) Report on Actions of State Attorneys
General to Enforce Similar State Laws.—

(1) Definition.—In this subsection and sub-
section (c), the term “similar State law relating to
human cloning” means a State or local law that pro-
vides for the imposition of criminal penalties on indi-
viduals who are determined to be conducting or at-
tempting to conduct human cloning (as defined in
section 301 of title 18, United States Code (as
added by section 101)).

(2) Report.—Not later than 1 year after the
date of enactment of this Act, the Comptroller Gen-
eral shall prepare and submit to the Committee on
the Judiciary of the Senate and the Committee on
the Judiciary of the House of Representatives a report that—

(A) describes any similar State law relating to human cloning;

(B) describes the actions taken by the State attorneys general to enforce the provisions of any similar State law relating to human cloning;

(C) contains a list of violations, if any, of the provisions of any similar State law relating to human cloning; and

(D) contains a list of any individual who, or organization that, has violated, or has been charged with violating, any similar State law relating to human cloning.

(e) Report on Coordination of Enforcement Actions Among the Federal and State and Local Governments With Respect to Human Cloning.—Not later than 1 year after the date of enactment of this Act, the Comptroller General shall prepare and submit to the Committee on the Judiciary of the Senate and the Committee on the Judiciary of the House of Representatives a report that—

(1) describes how the Attorney General coordinates the enforcement of violations of chapter 16 of
title 18, United States Code (as added by section 101), with enforcement actions taken by State or local government law enforcement officials with respect to similar State laws relating to human cloning; and

(2) describes the status and disposition of—

(A) Federal appellate litigation with respect to such chapter 16 and State appellate litigation with respect to similar State laws relating to human cloning; and

(B) civil litigation, including actions to appoint guardians, related to human cloning.

(d) REPORT ON INTERNATIONAL LAWS RELATING TO HUMAN CLONING.—Not later than 1 year after the date of enactment of this Act, the Comptroller General shall prepare and submit to the Committee on the Judiciary of the Senate and the Committee on the Judiciary of the House of Representatives a report that—

(1) describes the laws adopted by foreign countries related to human cloning;

(2) describes the actions taken by the chief law enforcement officer in each foreign country that has enacted a law described in paragraph (1) to enforce such law; and
(3) describes the multilateral efforts of the United Nations and elsewhere to ban human cloning.

**TITLE II—ETHICAL REQUIREMENTS FOR NUCLEAR TRANSPLANTATION RESEARCH**

**SEC. 201. ETHICAL REQUIREMENTS FOR NUCLEAR TRANSPLANTATION RESEARCH.**

Title IV of the Public Health Service Act (42 U.S.C. 281 et seq.) is amended by adding at the end the following:

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“PART J—ETHICAL REQUIREMENTS FOR NUCLEAR TRANSPLANTATION RESEARCH

“SEC. 499A. ETHICAL REQUIREMENTS FOR NUCLEAR TRANSPLANTATION RESEARCH, INCLUDING INFORMED CONSENT, INSTITUTIONAL REVIEW BOARD REVIEW, AND PROTECTION FOR SAFETY AND PRIVACY.

“(a) Definitions.—

“(1) In general.—The definitions contained in section 301(a) of title 18, United States Code, shall apply for purposes of this section.

“(2) Other definitions.—In this section:

“(A) Donating.—The term ‘donating’ means giving without receiving valuable consideration.
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“(B) Fertilization.—The term ‘fertilization’ means the fusion of an oocyte containing a haploid nucleus with a male gamete (sperm cell).

“(C) Valuable Consideration.—The term ‘valuable consideration’ does not include reasonable payments—

“(i) associated with the transportation, processing, preservation, or storage of a human oocyte or of the product of nuclear transplantation research; or

“(ii) to compensate a donor of one or more human oocytes for the time or inconvenience associated with such donation.

“(b) Applicability of Federal Ethical Standards to Nuclear Transplantation Research.—Research involving nuclear transplantation shall be conducted in accordance with subpart A of part 46 of title 45, or parts 50 and 56 of title 21, Code of Federal Regulations (as in effect on the date of enactment of the Human Cloning Ban and Stem Cell Research Protection Act of 2003), as applicable.

“(e) Prohibition on Conducting Nuclear Transplantation on Fertilized Eggs.—A somatic
cell nucleus shall not be transplanted into a human oocyte
that has undergone or will undergo fertilization.

“(d) FOURTEEN-DAY RULE.—An unfertilized blasto-
cyst shall not be maintained after more than 14 days from
its first cell division, not counting any time during which
it is stored at temperatures less than zero degrees centi-
grade.

“(e) VOLUNTARY DONATION OF OOCYTES.—

“(1) INFORMED CONSENT.—In accordance with
subsection (b), an oocyte may not be used in nuclear
transplantation research unless such oocyte shall
have been donated voluntarily by and with the in-
formed consent of the woman donating the oocyte.

“(2) PROHIBITION ON PURCHASE OR SALE.—
No human oocyte or unfertilized blastocyst may be
acquired, received, or otherwise transferred for valu-
able consideration if the transfer affects interstate
commerce.

“(f) SEPARATION OF IN VITRO FERTILIZATION LAB-
ORATORIES FROM LOCATIONS AT WHICH NUCLEAR
TRANSPLANTATION IS CONDUCTED.—Nuclear transplan-
tation may not be conducted in a laboratory in which
human oocytes are subject to assisted reproductive tech-
nology treatments or procedures.
“(g) Civil Penalties.—Whoever intentionally violates any provision of subsections (b) through (f) shall be subject to a civil penalty in an amount that is appropriate for the violation involved, but not more than $250,000.”