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SENATE BILL NO. 1305

AMENDMENT IN THE NATURE OF A SUBSTITUTE

(Proposed by the Joint Conference Committee
on February 24, 2001)

(Patron Prior to Substitute—Senator Newman)

A BILL to amend the Code of Virginia by adding in Title 32.1 a chapter numbered 5.2, consisting of sections numbered 32.1-162.21 and 32.1-162.22, relating to human cloning.

Be it enacted by the General Assembly of Virginia:

1. That the Code of Virginia is amended by adding in Title 32.1 a chapter numbered 5.2, consisting of sections numbered 32.1-162.21 and 32.1-162.22, as follows:

CHAPTER 5.2.

HUMAN CLONING.

§ 32.1-162.21. Definitions.

As used in this chapter, unless the context clearly requires another meaning:

"Cloning" means the production of a precise genetic copy of a molecule, including deoxyribonucleic acid (DNA), or of chromosomes.

"Human cloning" means the creation of or attempt to create a human being by transferring the nucleus from a human cell from whatever source into an oocyte from which the nucleus has been removed.

"Nucleus" means the cell structure that houses the chromosomes and, thus, the genes.

"Oocyte" means the ovum or egg.

"Somatic cell" means a mature, diploid cell, i.e., a cell having a complete set of chromosomes.

"Somatic cell nuclear transfer" means transferring the nucleus of a somatic cell of an existing or deceased human into an oocyte from which the chromosomes are removed or rendered inert.

§ 32.1-162.22. Human cloning prohibited; civil penalty.

A. No person shall (i) perform human cloning or (ii) implant or attempt to implant the product of somatic cell nuclear transfer into an uterine environment so as to initiate a pregnancy or (iii) possess the product of human cloning or (iv) ship or receive the product of a somatic cell nuclear transfer in commerce for the purpose of implanting the product of somatic cell nuclear transfer into an uterine environment so as to initiate a pregnancy.

B. This section shall not be construed to restrict biomedical and agricultural research or practices unless expressly prohibited herein, including research or practices that involve the use of (i) somatic cell nuclear transfer or other cloning technologies to clone molecules, including DNA, cells, or tissues; (ii) gene therapy; or (iii) somatic cell nuclear transfer techniques to create animals other than humans.

C. In addition to any other penalty provided by law, any person violating the provisions of this section shall be liable for a civil penalty in an amount not to exceed \$50,000 for each incident.