

**(b) Design of study****(1) In general**

The study required in subsection (a) shall be a longitudinal study in which a substantial number of adolescents participate as subjects. With respect to the purpose described in such subsection, the study shall monitor the subjects throughout the period of the study to determine the health status of the subjects and any change in such status over time.

**(2) Population-specific analyses**

The study required in subsection (a) shall be conducted with respect to the population of adolescents who are female, the population of adolescents who are male, various socio-economic populations of adolescents, and various racial and ethnic populations of adolescents. The study shall be designed and conducted in a manner sufficient to provide for a valid analysis of whether there are significant differences among such populations in health status and whether and to what extent any such differences are due to factors particular to the populations involved.

**(c) Coordination with Women's Health Initiative**

With respect to the national study of women being conducted by the Secretary and known as the Women's Health Initiative, the Secretary shall ensure that such study is coordinated with the component of the study required in subsection (a) that concerns adolescent females, including coordination in the design of the 2 studies.

(July 1, 1944, ch. 373, title IV, § 452D, as added Pub. L. 103-43, title X, § 1031, June 10, 1993, 107 Stat. 167.)

**§ 285g-9. Fragile X****(a) Expansion and coordination of research activities**

The Director of the Institute, after consultation with the advisory council for the Institute, shall expand, intensify, and coordinate the activities of the Institute with respect to research on the disease known as fragile X.

**(b) Research centers****(1) In general**

The Director of the Institute shall make grants or enter into contracts for the development and operation of centers to conduct research for the purposes of improving the diagnosis and treatment of, and finding the cure for, fragile X.

**(2) Number of centers****(A) In general**

In carrying out paragraph (1), the Director of the Institute shall, to the extent that amounts are appropriated, and subject to subparagraph (B), provide for the establishment of at least three fragile X research centers.

**(B) Peer review requirement**

The Director of the Institute shall make a grant to, or enter into a contract with, an entity for purposes of establishing a center

under paragraph (1) only if the grant or contract has been recommended after technical and scientific peer review required by regulations under section 289a of this title.

**(3) Activities**

The Director of the Institute, with the assistance of centers established under paragraph (1), shall conduct and support basic and biomedical research into the detection and treatment of fragile X.

**(4) Coordination among centers**

The Director of the Institute shall, as appropriate, provide for the coordination of the activities of the centers assisted under this section, including providing for the exchange of information among the centers.

**(5) Certain administrative requirements**

Each center assisted under paragraph (1) shall use the facilities of a single institution, or be formed from a consortium of cooperating institutions, meeting such requirements as may be prescribed by the Director of the Institute.

**(6) Duration of support**

Support may be provided to a center under paragraph (1) for a period not exceeding 5 years. Such period may be extended for one or more additional periods, each of which may not exceed 5 years, if the operations of such center have been reviewed by an appropriate technical and scientific peer review group established by the Director and if such group has recommended to the Director that such period be extended.

(July 1, 1944, ch. 373, title IV, § 452E, as added Pub. L. 106-310, div. A, title II, § 201, Oct. 17, 2000, 114 Stat. 1109; amended Pub. L. 109-482, title I, § 103(b)(30), Jan. 15, 2007, 120 Stat. 3688.)

## AMENDMENTS

2007—Subsec. (b)(7). Pub. L. 109-482 struck out heading and text of par. (7). Text read as follows: "For the purpose of carrying out this subsection, there are authorized to be appropriated such sums as may be necessary for each of the fiscal years 2001 through 2005."

## EFFECTIVE DATE OF 2007 AMENDMENT

Amendment by Pub. L. 109-482 applicable only with respect to amounts appropriated for fiscal year 2007 or subsequent fiscal years, see section 109 of Pub. L. 109-482, set out as a note under section 281 of this title.

**§ 285g-10. Investment in tomorrow's pediatric researchers**

In order to ensure the future supply of researchers dedicated to the care and research needs of children, the Director of the Institute, after consultation with the Administrator of the Health Resources and Services Administration, shall support activities to provide for—

(1) an increase in the number and size of institutional training grants to institutions supporting pediatric training; and

(2) an increase in the number of career development awards for health professionals who intend to build careers in pediatric basic and clinical research, including pediatric pharmacological research.

(July 1, 1944, ch. 373, title IV, § 452G, as added Pub. L. 106-310, div. A, title X, § 1002(a), Oct. 17,