

antiviral drug-resistant mutation in a viral protein. The medicament further comprises a synthetic peptide that comprises the predetermined antiviral drug-resistant mutation and at least six amino acid residues flanking that mutation that are identical to the amino acid sequence of the viral protein of the antiviral drug-resistant virus. The synthetic peptide induces a cytotoxic T lymphocyte (CTL) response specific for cells infected with the antiviral drug-resistant virus. The immunostimulating peptide may be further improved by epitope-enhancement for inducing specific CTLs. The antiviral protection against drug-resistant virus shown by compositions of the present invention and mediated by human HLA-restricted CTL has not been previously achieved. Further, the compositions and methods of this technology are useful to target many viruses that can develop antiviral drug resistance, including HIV-1, HIV-2, hepatitis B virus, hepatitis C virus, and human herpesviruses.

#### **Design of a Novel Peptide Inhibitor of HIV Fusion That Disrupts the Internal Trimeric Coiled-coil of gp41**

Marius G. Clore, Carole A. Bewley, and John M. Louis (NIDDK).

U.S. Provisional Application No. 60/446,225 filed 11 Feb 2003 (HHS Reference No. E-236-2002/0-US-01);

PCT Application No. PCT/US04/03794 filed 10 Feb 2004, which published as WO 2004/072099 on 11 Aug 2004 (HHS Reference No. E-236-2002/0-PCT-02).

*Licensing Contact:* Sally Hu; 301/435-5606; e-mail: [hus@mail.nih.gov](mailto:hus@mail.nih.gov).

This invention provides a peptide derived from the sequence of the N-terminal helix (residues 546-581) of the gp41 ectodomain of HIV-1. The peptide, called N36<sup>Mut(e,g)</sup>, contains nine substitutions and disrupts interactions with the C-terminal region of the gp41 ectodomain. N36<sup>Mut(e,g)</sup> inhibits HIV-envelope mediated cell fusion about 50-fold more effectively than the native sequence (residues 546-581 of HIV-1 envelope) from which it was derived. Thus, N36<sup>Mut(e,g)</sup> and derivatives has potential as an anti-HIV therapeutic agent as a HIV fusion inhibitor.

This research is described, in part, in CA Bewley *et al.*, "Design of a novel peptide inhibitor of HIV fusion that disrupts the internal trimeric coiled-coil of gp41," *J. Biol. Chem.* (2002 Apr 19) 277(16):14238-14245; Epub on 21 Feb 2002 as doi:10.1074/jbc.M201453200.

Dated: August 8, 2005.

**Steven M. Ferguson,**

*Director, Division of Technology Development and Transfer, Office of Technology Transfer, National Institutes of Health.*

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## **DEPARTMENT OF HEALTH AND HUMAN SERVICES**

### **National Institutes of Health**

#### **National Cancer Institute; Notice of Closed Meeting**

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), notice is hereby given of the following meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Cancer Institute Special Emphasis Panel, SPORE in Lung and Genitourinary Cancers.

*Date:* September 13-15, 2005.

*Time:* 8 a.m. to 5 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Holiday Inn Georgetown, 2101 Wisconsin Avenue NW., Washington, DC 20007.

*Contact Person:* Shamala K. Srinivas, PhD, Scientific Review Administrator, Grants Review Branch, Division of Extramural Activities, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard, Room 8133, Bethesda, MD 20892, 301-594-1224.

(Catalogue of Federal Domestic Assistance Program Nos. 93.392, Cancer Construction; 93.393, Cancer Cause and Prevention Research; 93.394, Cancer Detection and Diagnosis Research; 93.395, Cancer Treatment Research; 93.396, Cancer Biology Research; 93.397, Cancer Centers Support; 93.398, Cancer Research Manpower; 93.399, Cancer Control, National Institutes of Health, HHS)

Dated: August 4, 2005.

**Anthony M. Coelho, Jr.,**

*Acting Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 05-15941 Filed 8-10-05; 8:45 am]

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## **DEPARTMENT OF HEALTH AND HUMAN SERVICES**

### **National Institutes of Health**

#### **National Heart, Lung, and Blood Institute; Notice of Meeting**

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (U.S.C. Appendix 2), notice is hereby given of the National Heart, Lung, and Blood Advisory Council.

The meeting will be open to the public as indicated below, with attendance limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should notify the Contact Person listed below in advance of the meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Heart, Lung, and Blood Advisory Council.

*Date:* September 16, 2005.

*Open:* 8:30 a.m. to 12 p.m.

*Agenda:* Discussion of program policies and issues.

*Place:* National Institutes of Health, Natcher Building, 45 Center Drive, Room E1 and E2, Bethesda, MD 20892.

*Closed:* 1 p.m. to 4 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Natcher Building, 45 Center Drive, Room E1 and E2, Bethesda, MD 20892.

*Contact Person:* Deborah P. Beebe, PhD, Director, Division of Extramural Affairs, National Heart, Lung, and Blood Institute, National Institutes of Health, Two Rockledge Center, Room 7100, 6701 Rockledge Drive, Bethesda, MD 20892, (301) 435-0260.

Any interested person may file written comments with the committee by forwarding the statement to the Contact Person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

In the interest of security, NIH has instituted stringent procedures for entrance into the building by non-government employees. Persons without a government I.D. will need to show a photo I.D. and sign-in at the security desk upon entering the building.