

Application: Induction of wound healing through use of CpG oligodeoxynucleotides.

Developmental Status: CpG oligonucleotides have been synthesized and preclinical studies have been performed.

Inventors: Dennis Klinman and Takahashi Sato (NCI).

Patent Status: U.S. Provisional Application filed 06 Sep 2007 (HHS Reference No. E-242-2007/0-US-01).

Licensing Status: Available for exclusive or nonexclusive licensing.

Licensing Contact: Peter A. Soukas, J.D.; 301/435-4646; soukasp@mail.nih.gov.

Collaborative Research Opportunity: The Laboratory of Experimental Immunology of the National Cancer Institute is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate, or commercialize methods of increasing epithelial cell growth. Please contact John D. Hewes, Ph.D. at 301-435-3121 or hewesj@mail.nih.gov for more information.

Flexible, Polyvalent Antiviral Dendritic Conjugates for the Treatment of HIV/AIDS

Description of Technology: This technology describes the design and synthesis of flexible, polyvalent, antiviral conjugates of less than 200 kDa for the treatment of HIV/AIDS. These conjugates are mimetic of D1D2-Ig α tp, a high-molecular-weight (1 MDa) CD4-immunoglobulin fusion construct with extreme HIV neutralizing potency. Cryo electron microscopy suggests that the extreme potency of D1D2-Ig α tp is due to polyvalent presentation of a gp120-binding ligand on a flexible scaffold. The current prototype for the technology is a conjugate comprising soluble, two-domain human CD4 covalently linked to a flexible poly(ethylene glycol)-PAMAM dendrimer scaffold. The construct is designed to retain a high degree of flexibility and polyvalence, and, at less than 200 kDa, is similar in size to successful antibody therapeutics currently on the market. Because it retains the key determinants of potency and the human CD4 moieties of D1D2-Ig α tp, this conjugate is expected to have the following unique set of HIV antiviral properties: (1) IC₉₀ infectivity neutralization values in the nanomolar range against HIV primary isolates; (2) lack of susceptibility to viable escape mutations, because the ligand is CD4, and because CD4-independence evolves concomitantly with constitutive exposure of neutralization-sensitive,

highly conserved coreceptor binding site epitopes; (3) indefinite control of HIV viral replication, without the need for combination therapy, arising from properties (1) and (2); (4) improved HIV viral replication control when used in combination with other Highly Active Antiretroviral Therapy (HAART); (5) improved prevention of seroconversion when used in combination with other HAART shortly following known exposure to HIV.

Applications: Novel therapeutics for the treatment and prevention of HIV infection.

Development Status: Synthesis and characterization in progress.

Inventors: Sriram Subramaniam and Adam Bennett (NCI).

Publication: AE Bennett *et al.* Cryo electron tomographic analysis of an HIV neutralizing protein and its complex with native viral gp 120. *J Biol Chem.*, in press; published online ahead of print June 28, 2007.

Patent Status: U.S. Provisional Application No. 60/932,464 filed 31 May 2007 (HHS Reference No. E-213-2007/0-US-01).

Licensing Status: Available for licensing.

Licensing Contact: Sally Hu, Ph.D.; 301/435-5606; HuS@mail.nih.gov.

Collaborative Research Opportunity: The Laboratory of Cell Biology of the National Cancer Institute is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate, or commercialize Flexible, Polyvalent Antiviral Dendritic Conjugates for the Treatment of HIV/AIDS. Please contact John D. Hewes, Ph.D. at 301-435-3121 or hewesj@mail.nih.gov for more information.

Monoclonal Antibodies to Fusion-Active Conformations of GP41

Description of Technology: This technology describes three novel monoclonal antibodies, 2F12, 9C5 and 11B8, which were derived against an HIV gp41 heptad-repeat entry inhibitor that mimics a structure of the HIV envelope protein fusion intermediate. These antibodies recognize the fusion-intermediate and six-helix conformations of gp41 and are useful tools for high-throughput screening assays (HTS) to identify novel HIV-1 inhibitors. Since the drugs identified in the assays using these monoclonal are expected to inhibit HIV infection in a different manner than current antiretroviral drugs, these antibodies may serve as valuable tools for screening for new drugs that may have activity against HIV strains that are

resistant to currently available antiretroviral drugs.

Applications: Research tool.

Development Status: *In vitro* data available.

Inventors: Carol D. Weiss and Russell A. Vassell (CBER/FDA).

Related Publication: S Jiang *et al.* A screening assay for antiviral compounds targeted to the HIV-1 gp41 core structure using a conformation-specific monoclonal antibody. *J Virol Methods*. 1999 Jun;80(1):85-96.

Patent Status: HHS Reference No. E-124-2007/0—Research Tool. Patent protection not being pursued for this technology.

Licensing Status: Available for non-exclusive licensing as biological material.

Licensing Contact: Sally Hu, Ph.D.; 301/435-5606; HuS@mail.nih.gov.

Dated: September 27, 2007.

Steven M. Ferguson,

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

[FR Doc. E7-19649 Filed 10-3-07; 8:45 am]

BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Office of Portfolio Analysis and Strategic Initiatives, Office of the Director, National Institutes of Health; Notice of Meeting

Notice is hereby given of a planning meeting for the proposed Council of Councils, an external advisory panel to the NIH IC Directors and the Office of Portfolio Analysis and Strategic Initiatives (OPASI).

The meeting will be open to the public, 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.

Name of Committee: Council of Councils Planning Group.

Date: November 8, 2007.

Time: 8:30 a.m. to 5:00 p.m.

Agenda: Among the topics proposed for discussion are: Role of the Council and timeline.

Place: National Institutes of Health, Building 31, Conference Room 6, 9000 Rockville Pike, Bethesda, MD 20892.

Contact Person: Robert D. Hammond, PhD, Consultant To OPASI, 301-977-9307, bhammond@thehillgroup.com.

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 onto the NIH campus. All visitor vehicles, including taxicabs, hotel, and airport shuttles will be inspected before being allowed on campus. Visitors will be asked to show one form of identification (for example, a government-issued photo ID, driver's license, or passport) and to state the purpose of their visit.

Information is also available on the Institute's/Center's Web page: <http://opasi.nih.gov/council/> where an agenda and any additional information for the meeting will be posted when available.

Dated: September 18, 2007.

Alan M. Krensky,

Director, Office of Portfolio Analysis and Strategic Initiatives (OPASI).

[FR Doc. 07-4932 Filed 10-3-07; 8:45 am]

BILLING CODE 4140-14-M

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; Pediatric Nutrition.

Date: October 22, 2007.

Time: 3 p.m. to 5 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, 6116 Executive Boulevard, Rockville, MD 20852, (Telephone Conference Call).

Contact Person: Virginia P. Wray, PhD, Deputy Chief, Research Programs Review Branch, Research Programs Review Branch, Division of Extramural Activities, National Cancer Institute, 6116 Executive Blvd., Room 8125, Bethesda, MD 20892-8328, 301-496-9236, wrayv@mail.nih.gov.

This notice is being published less than 15 days prior to the meeting due to the timing

limitations imposed by the review and funding cycle.

(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: September 27, 2007.

Jennifer Spaeth,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 07-4925 Filed 10-3-07; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Heart, Lung, and Blood 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: Heart, Lung, and Blood Initial Review Group; NHLBI Institutional Training Mechanism Review Committee.

Date: November 15-16, 2007.

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

Agenda: To review and evaluate grant applications.

Place: Admiral Fell Inn, 888 South Broadway, Baltimore, MD 21231.

Contact Person: Charles Joyce, PhD, Scientific Review Administrator, Review Branch/DERA, National Heart, Lung, and Blood Institute, 6701 Rockledge Drive, Room 7196, Bethesda, MD 20892-7924, 301-435-0288, cjoyce@nhlbi.nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.233, National Center for Sleep Disorders Research; 93.837, Heart and Vascular Diseases Research; 93.838, Lung Diseases Research; 93.839, Blood Diseases and Resources Research, National Institutes of Health, HHS)

Dated: September 28, 2007.

Jennifer Spaeth,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 07-4920 Filed 10-3-07; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Heart, Lung, and Blood 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 a meeting of the Board of Scientific Counselor, NHLBI.

The meeting will be closed to the public as indicated below in accordance with the provisions set forth in section 552b(c)(6), Title 5 U.S.C., as amended for the review, discussion, and evaluation of individual intramural programs and projects conducted by the National Heart, Lung, and Blood Institute, including consideration of personnel qualifications and performance, and the competence of individual investigators, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Name of Committee: Board of Scientific Counselors, NHLBI.

Date: October 29, 2007.

Time: 9 a.m. to 4 p.m.

Agenda: To review and evaluate personal qualifications and performance, and competence of individual investigators.

Place: Hyatt Regency Bethesda, One Bethesda Metro Center, 7400 Wisconsin Avenue, Bethesda, MD 20814.

Contact Person: Robert S Balaban, PhD, Scientific Director, Division of Intramural Research, National Institutes of Health, NHLBI, Building 10, CRC, 4th Floor, Room 1581, 10 Center Drive, Bethesda, MD 20892 301/496-2116.

Information is also available on the Institute's/Center's home page: <http://www.nhlbi.nih.gov/meetings/index.htm>, where an agenda and any additional information for the meeting will be posted when available.

(Catalogue of Federal Domestic Assistance Program No. 93.233, National Center for Sleep Disorders Research; 93.837, Heart and Vascular Diseases Research; 93.838, Lung Diseases Research; 93.839, Blood Diseases and Resources Research, National Institutes of Health, HHS)

Dated: September 27, 2007.

Jennifer Spaeth,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 07-4930 Filed 10-3-07; 8:45 am]

BILLING CODE 4140-01-M