

Epithelial Cell Line Expressing a Cystic Fibrosis Phenotype

Description of Technology: Cystic fibrosis (CF) is a common genetic disease that affects the entire body, producing thick, sticky mucus that clogs the lungs, pancreas, and other organs. It is the most common fatal genetic disease in the United States, and is caused by a mutation in the cystic fibrosis transmembrane conductance regulator (CFTR).

Researchers at NIEHS have developed a cell line, CF/T43, which was produced by infection of airway epithelial cells isolated from CF patients with an SV40T retrovirus. CF/T43 cells maintain the abnormal ion transport characteristics of CF while having proliferation capability beyond that of a primary epithelial cell culture. Key features of the CF/T43 cell line include the formation of functional tight junctions, reduced apical membrane chloride conductance, and activation of apical chloride channels by calcium ionophores but not by cAMP-dependent agonists. This cell line may be used for elucidation of the mechanisms of CF, testing candidate complementary genes for correction of the observed CF abnormalities, and for developing and testing therapeutic CF drugs.

Applications: Research tool for developing new therapies to treat cystic fibrosis; Research tool for studying the mechanisms of cystic fibrosis.

Inventors: Anton M. Jetten (NIEHS).

Publication: AM Jetten, JR Yankaskas, MJ Stutts, NJ Willumsen, and RC Boucher. Persistence of abnormal chloride conductance regulation in SV40 T transformed cystic fibrosis airway epithelia. *Science* 1989 Jun 23;244(4911):1472-1475.

Patent Status: U.S. Patent Application No. 07/368,725 filed 21 June 1989, which issued as U.S. Patent No. 5,420,033 on 30 May 1995 (HHS Reference No. E-201-1989/0-US-01).

Licensing Status: Available for exclusive or nonexclusive licensing.

Licensing Contact: Tara Kirby, Ph.D.; 301/435-4426; tarak@mail.nih.gov.

Dated: January 20, 2007.

Steven M. Ferguson,

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

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BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Cancer Institute; Notice of Closed Meetings

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 meetings.

The meetings 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/or contact proposals 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 and/or contract proposals, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Name of Committee: National Cancer Institute Special Emphasis Panel, R25 Special Emphasis Panel.

Date: February 6, 2007.

Time: 5 p.m. to 6 p.m.

Agenda: To review and evaluate grant applications.

Place: Washington Court Hotel, 525 New Jersey Ave, NW., Washington, DC 20001.

Contact Person: David E. Maslow, Ph.D., Chief, Resources and Training Review Branch, Division of Extramural Activities, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard—Room 8117, Bethesda, MD 20892-7405, (301) 496-2330.

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.

Name of Committee: National Cancer Institute Special Emphasis Panel, Arrays for Biomarker.

Date: February 13, 2007.

Time: 12 p.m. to 6 p.m.

Agenda: To review and evaluate contract proposals.

Place: National Institutes of Health, 6116 Executive Boulevard, Bethesda, MD 20892, (Telephone Conference Call).

Contact Person: Lalita D. Palekar, PhD, Scientific Review Administrator, Special Review and Resources Branch, Division of Extramural Activities, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard, Room 8105, Bethesda, MD 20892-7405, (301) 496-7575.

Name of Committee: National Cancer Institute Special Emphasis Panel; Multiplex Affinity Capture Technology.

Date: February 15, 2007.

Time: 12 p.m. to 6 p.m.

Agenda: To review and evaluate contract proposals.

Place: National Institutes of Health, 6116 Executive Boulevard, Bethesda, MD 20892, (Telephone Conference Call).

Contact Person: Lalita D. Palekar, PhD, Scientific Review Administrator, Special Review and Resources Branch, Division of Extramural Activities, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard, Room 8105, Bethesda, MD 20892-7405, (301) 496-7575.

Name of Committee: National Cancer Institute Special Emphasis Panel; Manpower and Training Grants.

Date: February 27-28, 2007.

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

Agenda: To review and evaluate grant applications.

Place: Hilton Old Town Alexandria, 1767 King Street, Alexandria, VA 22314.

Contact Person: Lynn M Amende, PhD, Scientific Review Administrator, Resources and Training Review Branch, Division of Extramural Activities, National Cancer Institute, 6116 Executive Boulevard Room 8105, Bethesda, MD 20892-8328, 301-451-4759, amende@mail.nih.gov.

Name of Committee: National Cancer Institute Special Emphasis Panel; Small Grants Program for Cancer Epidemiology and Cancer Prevention Research.

Date: March 6-8, 2007.

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: Irina Gordienko, PhD, Scientific Review Administrator, Special Review and Logistics Branch, Division of Extramural Activities, National Cancer Institute, NIH, 6116 Executive Blvd., Rm. 703, MS 2829, Bethesda, MD 20892, 301-594-1566, gordienoiv@mail.nih.gov.

Name of Committee: National Cancer Institute Special Emphasis Panel, Anti-Cancer Agents.

Date: March 15, 2007.

Time: 11 a.m. to 3 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health Events Management, Executive Plaza North Conference Center, 6130 Executive Boulevard, Conference Room D, Rockville, MD 20852, (Telephone Conference Call).

Contact Person: Jeannette F Korczak, PhD, Scientific Review Administrator, Resources and Training Review Branch, Division of Extramural Activities, National Cancer Institute, NIH, 6116 Executive Blvd., Room 8115, Bethesda, MD 20892, 301-496-9767, korczakj@mail.nih.gov.

(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: January 21, 2007.

David Clary,

Acting Director, Office of Federal Advisory Committee Policy.

[FR Doc. 07-365 Filed 1-29-07; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of General Medical Sciences; 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: Minority Programs Review Committee, MARC Review Subcommittee A.

Date: February 15, 2007.

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

Agenda: To review and evaluate grant applications.

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

Contact Person: Mona R. Trempe, PhD, Scientific Review Administrator, Office of Scientific Review, National Institute of General Medical Sciences, National Institutes of Health, 45 Center Drive, Room 3AN12, Bethesda, MD 20892, 301-594-3998, trempepm@mail.nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.375, Minority Biomedical Research Support; 93.821, Cell Biology and Biophysics Research; 93.859, Pharmacology, Physiology, and Biological Chemistry Research; 93.862, Genetics and Developmental Biology Research; 93.88, Minority Access to Research Careers; 93.96, Special Minority Initiatives, National Institutes of Health, HHS)

Dated: January 21, 2007.

David Clary,

Acting Director, Office of Federal Advisory Committee Policy.

[FR Doc. 07-358 Filed 1-29-07; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Nursing Research; 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 Institute of Nursing Research Special Emphasis Panel, Mentored Research Scientist Development Award.

Date: March 5, 2007.

Time: 7:30 a.m. to 8 a.m.

Agenda: To review and evaluate grant applications.

Place: Crowne Plaza Hotel, 8777 Georgia Avenue, Silver Spring, MD 20910.

Contact Person: John E. Richters, PhD, Chief, Office of Review, Division of Extramural Activities, National Institute of Nursing Research, National Institutes of Health, 6701 Democracy Blvd. Room 715, Bethesda, MD 20817, (301) 594-5971, jrichters@nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.361, Nursing Research, National Institutes of Health, HHS)

Dated: January 21, 2007.

David Clary,

Acting Director, Office of Federal Advisory Committee Policy.

[FR Doc. 07-359 Filed 1-29-07; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Nursing Research; 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 Institute of Nursing Research Special Emphasis Panel, RFA-NR-07-002/3: Culturally Appropriate Research to Prevent HIV Transmission.

Date: March 14-15, 2007.

Time: 8 a.m. to 3 p.m.

Agenda: To review and evaluate grant applications.

Place: Crowne Plaza Hotel, 8777 Georgia Avenue, Silver Spring, MD 20910.

Contact Person: John E. Richters, PhD, Chief, Office of Review, Division of Extramural Activities, National Institute of Nursing Research, National Institutes of Health, 6701 Democracy Blvd. Room 715, Bethesda, MD 20817, (301) 594-5971, jrichters@nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.361, Nursing Research, National Institutes of Health, HHS)

Dated: January 21, 2007.

David Clary,

Acting Director, Office of Federal Advisory Committee Policy.

[FR Doc. 07-360 Filed 1-29-07; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute on Deafness and Other Communication Disorders; 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: Communication Disorders Review Committee, CDRC.

Date: February 15-16, 2007.

Time: February 15, 2007, 8 a.m. to 5 p.m.

Agenda: To review and evaluate grant applications.