

- Allows doctors to choose more individualized therapies for patients based on whether the cancer is at high or low risk for aggressiveness or recurrence.

*Development Stage:* Clinical.

*Inventors:* Thomas K. Ried (NCI) *et al.*

*Intellectual Property:* HHS Reference No. E-119-2011/0—PCT Application No. PCT/US2011/061871 filed 22 Nov 2011.

*Licensing Contact:* Surekha Vathyam, Ph.D.; 301-435-4076; [vathyams@mail.nih.gov](mailto:vathyams@mail.nih.gov).

### **Isolation of Hybridomas Producing Monoclonal Antibodies (MAbs) Inhibitory to Human CYP2J2**

*Description of Technology:* The National Institutes of Health announces three specific monoclonal antibodies that strongly inhibit and/or immunoblot the human cytochrome P450 2J2 (CYP2J2).

Cytochrome P450s catalyze the NADPH-dependent oxidation of arachidonic acid to various eicosanoids found in several species. The eicosanoids are biosynthesized in numerous tissues including pancreas, intestine, kidney, heart and lung where they are involved in many different biological activities.

MAB 6-5-20-8 selectively inhibits CYP2J2-mediated arachidonic acid metabolism by more than 80% and also immunoblots the enzyme. MAB 6-2-16-1 also selectively inhibits arachidonic acid metabolism by more than 80% but does not immunoblot the enzyme. MAB 5-3-2-2 is not inhibitory but selectively immunoblots the enzyme. These antibodies can be used to identify and quantify inter-individual variation in physiological functions and to study pharmacological drug metabolism in various tissues.

#### *Potential Commercial Applications:*

- These antibodies can be used to identify and quantify inter-individual variation in physiological functions.
- These antibodies can be used to study pharmacological drug metabolism in various tissues.

*Competitive Advantages:* These antibodies strongly inhibit and/or immunoblot the human cytochrome P450 2J2 (CYP2J2).

*Development Stage:* In vitro data available.

*Inventors:* Darryl C. Zeldin (NIEHS) *et al.*

#### *Publications:*

1. Wu S, *et al.* Molecular cloning and expression of CYP2J2, a human cytochrome P450 arachidonic acid epoxidase highly expressed in heart. *J Biol Chem.* 1996 Feb 16;271(7):3460-8. [PMID 8631948]

2. Node K, *et al.* Anti-inflammatory properties of cytochrome P450 epoxidase-derived eicosanoids. *Science* 1999 Aug 20;285(5431):1276-9. [PMID 10455056]

3. Node K, *et al.* Activation of Galpha s mediates induction of tissue-type plasminogen activator gene transcription by epoxyeicosatrienoic acids. *J Biol Chem.* 2001 May 11;276(19):15983-9. [PMID 11279071]

4. Zeldin DC. Epoxygenase pathways of arachidonic acid metabolism. *J Biol Chem.* 2001 Sep 28;276(39):36059-62. [PMID 11451964]

5. Yang B, *et al.* Overexpression of cytochrome P450 CYP2J2 protects against hypoxia-reoxygenation injury in cultured bovine aortic endothelial cells. *Mol Pharmacol.* 2001 Aug;60(2):310-20. [PMID 11455018]

6. King LM, *et al.* Cloning of CYP2J2 gene and identification of functional polymorphisms. *Mol Pharmacol.* 2002 Apr;61(4):840-52. [PMID 11901223]

7. Sun J, *et al.* Inhibition of vascular smooth muscle cell migration by cytochrome p450 epoxidase-derived eicosanoids. *Circ Res.* 2002 May 17;90(9):1020-7. [PMID 12016269]

*Intellectual Property:* HHS Reference No. E-337-2003/0—Research Material. Patent protection has not been pursued for this technology.

*Licensing Contact:* Fatima Sayyid, M.H.P.M.; 301-435-4521;

[Fatima.Sayyid@nih.hhs.gov](mailto:Fatima.Sayyid@nih.hhs.gov)

*Collaborative Research Opportunity:* The NIEHS is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize this antibody. For collaboration opportunities, please contact Elizabeth Denholm at [denholme@niehs.nih.gov](mailto:denholme@niehs.nih.gov).

Dated: May 9, 2012.

**Richard U. Rodriguez,**

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

[FR Doc. 2012-11691 Filed 5-14-12; 8:45 am]

**BILLING CODE 4140-01-P**

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

### **National Institutes of Health**

#### **Center For Scientific Review; Notice of Closed Meetings**

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), 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 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:* Oncology 2—Translational Clinical Integrated Review Group; Basic Mechanisms of Cancer Therapeutics Study Section.

*Date:* May 30-31, 2012.

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

*Agenda:* To review and evaluate grant applications.

*Place:* The Mandarin Oriental, 1330 Maryland Avenue SW., Washington, DC 20024.

*Contact Person:* Lambratu Rahman Sesay, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6214, MSC 7804, Bethesda, MD 20892, 301-451-3493, [rahman-sesay@csr.nih.gov](mailto:rahman-sesay@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Program Project: Spatio-Temporal Cell Signaling Networks.

*Date:* June 4-5, 2012.

*Time:* 10:00 a.m. to 6:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892, (Virtual Meeting).

*Contact Person:* Maria DeBernardi, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6158, MSC 7892, Bethesda, MD 20892, 301-435-1355, [debernardima@csr.nih.gov](mailto:debernardima@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Small Business: Cancer Drug Developments & Therapeutics.

*Date:* June 5-6, 2012.

*Time:* 10:00 a.m. to 6:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892, (Virtual Meeting).

*Contact Person:* Lilia Topol, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6192, MSC 7804, Bethesda, MD 20892, 301-451-0131, [ltopol@mail.nih.gov](mailto:ltopol@mail.nih.gov).

*Name of Committee:* Oncology 2—Translational Clinical Integrated Review Group; Chemo/Dietary Prevention Study Section.

*Date:* June 7-8, 2012.

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

*Agenda:* To review and evaluate grant applications.

*Place:* Renaissance Mayflower Hotel, 1127 Connecticut Avenue NW., Washington, DC 20036.

*Contact Person:* Sally A Mulhern, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6198, MSC 7804, Bethesda, MD 20892, (301) 408-9724, [mulherns@csr.nih.gov](mailto:mulherns@csr.nih.gov).

*Name of Committee:* Biological Chemistry and Macromolecular Biophysics Integrated Review Group; Macromolecular Structure and Function A Study Section.

*Date:* June 7, 2012.

*Time:* 8:30 a.m. to 6:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* InterContinental Chicago Hotel, 505 North Michigan Avenue, Chicago, IL 60611.

*Contact Person:* David R. Jollie, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4150, MSC 7806, Bethesda, MD 20892, (301) 435-1722, [jollieda@csr.nih.gov](mailto:jollieda@csr.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.306, Comparative Medicine; 93.333, Clinical Research, 93.306, 93.333, 93.337, 93.393-93.396, 93.837-93.844, 93.846-93.878, 93.892, 93.893, National Institutes of Health, HHS)

Dated: May 9, 2012.

**Jennifer S. Spaeth,**

*Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2012-11764 Filed 5-14-12; 8:45 am]

**BILLING CODE 4140-01-P**

## 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. App.), 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 on Deafness and Other Communication Disorders Special Emphasis Panel; P50 Review.

*Date:* June 1, 2012.

*Time:* 11:00 a.m. to 4:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6120 Executive Blvd., Rockville, MD 20852, (Telephone Conference Call).

*Contact Person:* Christine A. Livingston, Ph.D., Scientific Review Officer, Division of Extramural Activities, National Institutes of Health/NIDCD, 6120 Executive Blvd.—MSC 7180, Bethesda, MD 20892, (301) 496-8683, [livingsc@mail.nih.gov](mailto:livingsc@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. 93.173, Biological Research Related to Deafness and Communicative Disorders, National Institutes of Health, HHS)

Dated: May 9, 2012.

**Jennifer S. Spaeth,**

*Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2012-11762 Filed 5-14-12; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute on Deafness and Other Communication Disorders; Notice of Closed Meetings

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), 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 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.

*Date:* June 13-14, 2012.

*Time:* June 13, 2012, 8:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

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

*Time:* June 14, 2012, 8:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

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

*Contact Person:* Susan Sullivan, Ph.D., Scientific Review Branch Division of Extramural Activities, NIDCD, NIH, 6120 Executive Blvd., Suite 400C, Bethesda, MD 20892, 301-496-8683, [sullivas@mail.nih.gov](mailto:sullivas@mail.nih.gov).

*Name of Committee:* National Institute on Deafness and Other Communication Disorders, Special Emphasis Panel; Clinical Trial Review.

*Date:* June 15, 2012.

*Time:* 11:00 a.m. to 2:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6120 Executive Blvd., Rockville, MD 20852, (Telephone Conference Call).

*Contact Person:* Christine A. Livingston, Ph.D., Scientific Review Officer, Division of Extramural Activities, National Institutes of Health/NIDCD, 6120 Executive Blvd.—MSC 7180, Bethesda, MD 20892, (301) 496-8683, [livingsc@mail.nih.gov](mailto:livingsc@mail.nih.gov).

*Name of Committee:* National Institute on Deafness and Other Communication Disorders, Special Emphasis Panel; Hearing and Balance Fellowship Meeting.

*Date:* June 19, 2012.

*Time:* 11:00 a.m. to 3:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6120 Executive Blvd., Rockville, MD 20852, (Telephone Conference Call).

*Contact Person:* Kausik Ray, Ph.D., Scientific Review Officer, National Institute on Deafness and Other Communication Disorders, National Institutes of Health, Rockville, MD 20850, 301-402-3587, [rayk@nidcd.nih.gov](mailto:rayk@nidcd.nih.gov).

*Name of Committee:* National Institute on Deafness and Other Communication Disorders, Special Emphasis Panel; Chemo Sensory Fellowship Review.

*Date:* June 20, 2012.

*Time:* 11:00 a.m. to 2:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6120 Executive Blvd., Rockville, MD 20852, (Telephone Conference Call).

*Contact Person:* Shiguang Yang, DVM, Ph.D., Scientific Review Officer, Division of Extramural Activities, NIDCD, NIH, 6120 Executive Blvd., Bethesda, MD 20892, 301-496-8683.

*Name of Committee:* National Institute on Deafness and Other Communication Disorders, Special Emphasis Panel; VSL Fellowships.

*Date:* June 20, 2012.

*Time:* 2:00 p.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, 6120 Executive Blvd., Rockville, MD 20852, (Telephone Conference Call).

*Contact Person:* Sheo Singh, Ph.D., Scientific Review Officer, Scientific Review, Branch Division of Extramural Activities, Executive Plaza South, Room 400C, 6120 Executive Blvd., Bethesda, MD 20892, 301-496-8683, [singhs@nidcd.nih.gov](mailto:singhs@nidcd.nih.gov).

*Name of Committee:* National Institute on Deafness and Other Communication Disorders, Special Emphasis Panel; Communication Disorder Core Center.

*Date:* June 21, 2012.

*Time:* 12:00 p.m. to 2:00 p.m.

*Agenda:* To review and evaluate grant applications.