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Diazeniumdiolates are a class of compounds which release nitric oxide (NO) under physiological conditions. Nitric oxide performs a number of regulatory functions in vivo such as controlling vascular tone and platelet function, but it can also combine with superoxide ion to produce peroxynitrite ion, as especially reactive species. Peroxynitrite-mediated cellular toxicity may have several therapeutic applications. Because of the relatively low amounts of superoxide ion present in some cells, the peroxynitrite mechanism of diazeniumdiolate toxicity is not uniformly available. In order to generate peroxynitrite ions in tissues or other media lacking adequate levels of superoxide ion, this invention provides a new class of compounds which release NO and superoxide ion simultaneously to generate peroxynitrite ions.

Molecules of this invention can be designed to generate peroxynitrite ion at specific biochemical targets. For one type of targeting, the release of NO is designed to be triggered by nucleophilic attack on the diazeniumdiolate drug while superoxide generation is simultaneously occurring at a quinone moiety elsewhere in the molecule. If the required nucleophilic attack is designed to be specifically catalyzed in the active site of glutathione S-transferase-pi, a cytoprotective enzyme overexpressed by certain tumors to render them drug-resistant, compounds of this invention could restore the susceptibility of tumor cells to chemotherapy by knocking out the excess enzyme, thereby preventing the tumor cells from inactivating the chemotherapeutic agents. Attachment of the compounds to polymeric compositions would physically localize the peroxynitrite activity. Physical localization in vivo may have utility against the recently recognized chronic infections caused by biofilms, and generation of peroxynitrite ions in vitro may have utility against infectious bilfilms on medical devices.

Dated: December 20, 2000.

Jack Spiegel,

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

[FR Doc. 00-33086 Filed 12-27-00; 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 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 Heart, Lung, and Blood Institute Special Emphasis Panel Program Project Reviews.

Date: January 12, 2001.

Time: 8 AM to 2 PM.

Agenda: To review and evaluate grant applications.

Place: Sheraton Columbia Hotel, 10207 Wincopin Circle, Columbia, MD 21044.

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Contact Person: Jeffrey H. Hurst, PhD, Health Scientist Administrator, 6701 Rockledge Drive, Room 7208, Bethesda, MD 20892, 301-435-0303.

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. 93.233, 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: December 20, 2000.

LaVerne Y. Stringfield,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 00-33084 Filed 12-27-00; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Neurological Disorders and Stroke; Notice of 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 Counselors, National Institute of Neurological Disorders and Stroke.

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 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 Institute of Neurological Disorders and Stroke, 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, National Institute of Neurological Disorders and Stroke

Date: February 4-6, 2001.

Closed: February 4, 2001, 7:00 PM to 10:00 PM.

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

Place: Bethesda Marriott Hotel, 5151 Pooks Hill Road, Bethesda, MD 20814.

Open: February 5, 2001, 8:15 AM to 11:10 AM.

Agenda: To discuss program planning and project accomplishments.

Place: National Institutes of Health, Natcher Building, Conference Room F-1/2, Bethesda, MD 20892.

Closed: February 5, 2001, 11:10 AM to 1:15 PM.

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

Place: National Institutes of Health, Natcher Building, Conference Room F-1/2, Bethesda, MD 20892.

Open: February 5, 2001, 1:15 PM to 4:15 PM.

Agenda: To discuss program planning and program accomplishments.

Place: National Institutes of Health, Natcher Building, Conference Room F-1/2, Bethesda, MD 20892.

Closed: February 5, 2001, 4:15 PM to 5:15 PM.

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

Place: National Institutes of Health, Natcher Building, Conference Room F-1/2, Bethesda, MD 20892.

Closed: February 5, 2001, 6:00 PM to 10:00 PM.

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

Place: Bethesda Marriott Hotel, 5151 Pooks Hill Road, Bethesda, MD 20814.

Closed: February 6, 2001, 8:30 AM to 12:30 PM.

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

Place: Bethesda Marriott Hotel, 5151 Pooks Hill Road, Bethesda, MD 20814.

Open: February 6, 2001, 12:30 PM to 1:15 PM.

Agenda: To discuss program planning and project accomplishments.

Place: Bethesda Marriott Hotel, 5151 Pooks Hill Road, Bethesda, MD 20814.

Closed: February 6, 2001, 1:15 PM to adjournment.

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

Place: Bethesda Marriott Hotel, 5151 Pooks Hill Road, Bethesda, MD 20814.

Contact Person: Story C. Landis, PhD, Director, Division of Intramural Research, NINDS, National Institutes of Health, Building 36, Room 5A05, Bethesda, MD 20892, 301-435-2232.

(Catalogue of Federal Domestic Assistance Program Nos. 93.853, Clinical Research Related to Neurological Disorders; 93.854, Biological Basis Research in the Neurosciences, National Institutes of Health, HHS)

Dated: December 19, 2000.

LaVerne Y. Stringfield,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 00-33081 Filed 12-27-00; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Diabetes and Digestive and Kidney Diseases; 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 contract proposals and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the contract proposals, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Name of Committee: National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, ZDK1 GRB-2 C3.

Date: January 29, 2001.

Time: 8 AM to 4 PM.

Agenda: To review and evaluate contract proposals.

Place: Double Tree Hotel, 1750 Rockville Pike, Rockville, MD 20852.

Contact Person: Shan S. Wong, PhD, Scientific Review Administrator, Review Branch, DEA, NIDDK, Room 643, 6707 Democracy Boulevard, National Institutes of Health, Bethesda, MD 20892, (301) 594-7797.

(Catalogue of Federal Domestic Assistance Program Nos. 93.847, Diabetes, Endocrinology and Metabolic Research; 93.848, Digestive Diseases and Nutrition Research; 93.849, Kidney Diseases, Urology and Hematology Research, National Institutes of Health, HHS)

Dated: December 20, 2000.

LaVerne Y. Stringfield,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 00-33082 Filed 12-27-00; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Diabetes and Digestive and Kidney Diseases; 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 Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, ZDK1 GRB-6(J2).

Date: January 11-12, 2001.

Time: 7:30 pm to 5:00 pm.

Agenda: To review and evaluate grant applications.

Place: Doubletree Hotel, 300 Army Navy Drive, Arlington, VA 22202.

Contact Person: Neal A. Musto, PHD, Scientific Review Administrator, Review Branch, DEA, NIDDK, Room 651, 6707 Democracy Boulevard, National Institutes of Health, Bethesda, MD 20892-6600, (301) 594-7798.

(Catalogue of Federal Domestic Assistance Program Nos. 93.847, Diabetes, Endocrinology and Metabolic Research; 93.848, Digestive Diseases and Nutrition Research; 93.849, Kidney Diseases, Urology and Hematology Research, National Institutes of Health, HHS)

Dated: December 20, 2000.

LaVerne Y. Stringfield,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 00-33083 Filed 12-27-00; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF THE INTERIOR

Geological Survey

Technology Transfer Act of 1986

AGENCY: U.S. Geological Survey, Interior.

ACTION: Notice of proposed Cooperative Research and Development Agreement (CRADA) negotiations.

SUMMARY: *The United States Geological Survey (USGS) is contemplating entering into a Cooperative Research and Development Agreement (CRADA) with Montgomery Watson Laboratories ("MWL"), a division of Montgomery Watson Americas, a Colorado Company, which has its principal place of business at 553 E. Walnut, Pasadena, CA 91101; Hach Company ("Hach"), a Delaware Company, which has its principal place of business at P.O. Box 389, Loveland, Colorado 80539-0389; Office of Water ("OW"), Office of Groundwater and Drinking Water, Technical Support Center ("TSC"), of the U.S. Environmental Protection Agency ("EPA"); Regions 2's Division of Environmental Science and Assessment ("DESA"), of the U.S. Environmental Protection Agency ("EPA"); Region 3's Environmental Science Center, of the U.S. Environmental Protection Agency ("EPA"); Unified Sewerage Agency ("USA"), a XXXX of the State of Oregon, located at 155 N. First Avenue, Suite 270, Hillsboro, OR 97124, Hampton Roads Sanitation District ("HRSD"), a XXXX of the State of Virginia, located at 1432 Air Rail Avenue, Virginia Beach, Virginia 23471; Oregon Department of Environmental Quality ("OREDEQ") Laboratory Division, a Department of the State of Oregon, located at 1712 SW 11th Avenue, Portland, OR 97201; Demonstrate the validity of the Performance Based System (PBMS) by establishing a pilot study to verify a non-USEPA approved method for the measurement of Chemical Oxygen Demand (COD). The currently approved method for COD requires mercury, a*