

Technology Transfer, 31 Center Drive Room 4A29, MSC2479, Bethesda, MD 20892-2479; telephone: 301-402-5579. A signed Confidential Disclosure Agreement may be required to receive copies of the patent applications.

SUPPLEMENTARY INFORMATION: The inventions listed below are owned by an agency of the U.S. Government and are available for licensing in the U.S. in accordance with 35 U.S.C. 209 and 37 CFR part 404 to achieve expeditious commercialization of results of federally-funded research and development. Foreign patent applications are filed on selected inventions to extend market coverage for companies and may also be available for licensing. A description of the technology available for licensing follows.

Pyrophosphate Analog HIV-1 Reverse Transcriptase Inhibitors

Description of Technology: The invention relates to compounds that inhibit HIV-1 DNA synthesis mediated by reverse transcriptase (RT). HIV-1 DNA synthesis by RT utilizes deoxynucleoside 5'-triphosphate (dNTP) as substrate and like many other enzymes, the reaction is reversible. Pyrophosphate analogs like imidodiphosphate strongly promote reverse reaction dNTP products containing the imidodiphosphate group instead of the naturally occurring pyrophosphate group. This imidodiphosphate-containing dNTP was found to be a potent inhibitor of the forward RT reaction. Whereas pyrophosphorolysis is limited by a nonchemical step, replacing the bridging oxygen of pyrophosphate with an imido group resulted in a change in the rate-limiting step, so that the imidodiphosphate-dependent reverse reaction was limited by chemistry. There exists, then, the potential to use pyrophosphate analogs therapeutically.

Potential Commercial Applications:

- Anti-microbial.
- HIV therapeutic.

Development Stage:

- In vitro data available.

Inventors: Samuel Wilson, William Beard, David Dion Shock (all of NIEHS).

Intellectual Property: HHS Reference No. E-210-2017/0-US-01.

- U.S. Provisional Patent Application 62/542,600 filed August 8, 2017.

Licensing Contact: Michael Shmilovich, Esq. CLP; 301-435-5019; shmilovm@nih.gov.

Collaborative Research Opportunity: The National Institute of Environmental Health Sciences seeks statements of capability or interest from parties interested in collaborative research to

further develop and evaluate, please contact Sally E. Tilotta, Ph.D., Director, Office of Technology Transfer, National Institute of Environmental Health Sciences, Phone: (919) 316-4526; sally.tilotta@nih.gov.

Dated: September 7, 2017.

Michael Shmilovich,

Senior Licensing and Patenting Manager, National Heart, Lung, and Blood Institute, Office of Technology Transfer and Development.

[FR Doc. 2017-19315 Filed 9-12-17; 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, 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: Center for Scientific Review Special Emphasis Panel Shared Instruments: NMR spectrometers and X-ray crystallography/scattering.

Date: October 3, 2017.

Time: 11:00 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: 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.

Name of Committee: Center for Scientific Review Special Emphasis Panel Shared Instruments: NMR spectrometers and X-ray crystallography/scattering.

Date: October 3, 2017.

Time: 3:00 p.m. to 5:00 p.m.

Agenda: To review and evaluate grant applications.

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

Contact Person: James W Mack, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of

Health, 6701 Rockledge Drive, Room 4154, MSC 7806, Bethesda, MD 20892, (301) 435-2037, mackj2@csr.nih.gov.

Name of Committee: Healthcare Delivery and Methodologies Integrated Review Group Community Influences on Health Behavior Study Section.

Date: October 4-5, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Washington Plaza Hotel, 10 Thomas Circle, NW., Washington, DC 20005.

Contact Person: Tasmeen Weik, DRPH, MPH, Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3141, Bethesda, MD 20892, 301-827-6480, weikts@mail.nih.gov.

Name of Committee: Center for Scientific Review Special Emphasis Panel Lymphatics in Health and Disease in the Digestive System, Kidney and Urinary Tract.

Date: October 4, 2017.

Time: 2:00 p.m. to 3:30 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892 (Telephone Conference Call).

Contact Person: Jianxin Hu, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 2156, Bethesda, MD 20892, 301-827-4417, jianxinh@csr.nih.gov.

Name of Committee: Molecular, Cellular and Developmental Neuroscience Integrated Review Group Neurogenesis and Cell Fate Study Section.

Date: October 5, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Hyatt Regency Crystal City, 2799 Jefferson Davis Highway, Arlington, VA 22202.

Contact Person: Joanne T Fujii, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4184, MSC 7850, Bethesda, MD 20892, (301) 435-1178, fujij@csr.nih.gov.

Name of Committee: Oncology 2—Translational Clinical Integrated Review Group Developmental Therapeutics Study Section.

Date: October 5-6, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Embassy Suites Alexandria Old Town, 1900 Diagonal Road, Alexandria, VA 22314.

Contact Person: Sharon K Gubanich, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6214, MSC 7804, Bethesda, MD 20892, (301) 408-9512, gubanics@csr.nih.gov.

Name of Committee: Interdisciplinary Molecular Sciences and Training Integrated Review Group Enabling Bioanalytical and Imaging Technologies Study Section.

Date: October 5-6, 2017.

Time: 8:00 a.m. to 6:00 p.m.
Agenda: To review and evaluate grant applications.

Place: Renaissance Washington, DC Dupont Circle Hotel, 1143 New Hampshire Ave NW., Washington, DC 20037.

Contact Person: Kenneth Ryan, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3218, MSC 7717, Bethesda, MD 20892, 301-435-0229, kenneth.ryan@nih.hhs.gov.

Name of Committee: Oncology 1-Basic Translational Integrated Review Group Molecular Oncogenesis Study Section.

Date: October 5-6, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Lorient Hotel & Spa, 1600 King Street, Alexandria, VA 22314.

Contact Person: Nywana Sizemore, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6204, MSC 7804, Bethesda, MD 20892, 301-435-1718, sizemoren@csr.nih.gov.

Name of Committee: Molecular, Cellular and Developmental Neuroscience Integrated Review Group Biophysics of Neural Systems Study Section.

Date: October 5, 2017.

Time: 8:00 a.m. to 7:00 p.m.

Agenda: To review and evaluate grant applications.

Place: Hotel Monaco Baltimore, 2 North Charles Street, Baltimore, MD 21201.

Contact Person: Geoffrey G Schofield, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4040-A, MSC 7850, Bethesda, MD 20892, 301-435-1235, geoffreys@csr.nih.gov.

Name of Committee: Population Sciences and Epidemiology Integrated Review Group Behavioral Genetics and Epidemiology Study Section.

Date: October 5, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Washington Plaza Hotel, 10 Thomas Circle, NW., Washington, DC 20005.

Contact Person: George Vogler, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3140, MSC 7770, Bethesda, MD 20892, (301) 237-2693, voglergp@csr.nih.gov.

Name of Committee: Risk, Prevention and Health Behavior Integrated Review Group Psychosocial Development, Risk and Prevention Study Section.

Date: October 5-6, 2017.

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

Agenda: To review and evaluate grant applications.

Place: The Fairmont Washington, DC, 2401 M Street, NW., Washington, DC 20037.

Contact Person: Anna L Riley, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3114, MSC 7759, Bethesda, MD 20892, 301-435-2889, rileyann@csr.nih.gov.

Name of Committee: Biobehavioral and Behavioral Processes Integrated Review Group Biobehavioral Regulation, Learning and Ethology Study Section.

Date: October 5-6, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Pier 2620 Hotel Fisherman's Wharf, 2620 Jones Street, San Francisco, CA 94133.

Contact Person: Unja Hayes, Ph.D., Scientific Review Officer, National Institutes of Health, Center for Scientific Review, 6701 Rockledge Drive, Bethesda, MD 20892, 301-827-6830, unja.hayes@nih.gov.

Name of Committee: Musculoskeletal, Oral and Skin Sciences Integrated Review Group Skeletal Biology Structure and Regeneration Study Section.

Date: October 5-6, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Sheraton BWI (Baltimore), 1100 Old Elkridge Landing Road, Baltimore, MD 21090.

Contact Person: Yanming Bi, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4214, MSC 7814, Bethesda, MD 20892, 301-451-0996, ybi@csr.nih.gov.

Name of Committee: Digestive, Kidney and Urological Systems Integrated Review Group Clinical, Integrative and Molecular Gastroenterology Study Section.

Date: October 5, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Mayflower Park Hotel, 405 Olive Way, Seattle, WA 98101.

Contact Person: Jonathan K Ivins, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 2190, MSC 7850, Bethesda, MD 20892, (301) 594-1245, ivinsj@csr.nih.gov.

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

Date: October 5-6, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Residence Inn Bethesda, 7335 Wisconsin Avenue, Bethesda, MD 20814.

Contact Person: William A Greenberg, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4168, MSC 7806, Bethesda, MD 20892, (301) 435-1726, greenbergwa@csr.nih.gov.

Name of Committee: Genes, Genomes, and Genetics Integrated Review Group Prokaryotic Cell and Molecular Biology Study Section.

Date: October 5-6, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Kinzie Hotel, 20 West Kinzie Street, Chicago, IL 60654.

Contact Person: Dominique Lorang-Leins, Ph.D., Scientific Review Officer, National

Institutes of Health, Center for Scientific Review, 6701 Rockledge Drive, Room 5108, MSC 7766, Bethesda, MD 20892, 301.326.9721, Lorangd@mail.nih.gov.

Name of Committee: Immunology Integrated Review Group, Cellular and Molecular Immunology—A Study Section.

Date: October 5-6, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Courtyard by Marriott, 5520 Wisconsin Avenue, Chevy Chase, MD 20815.

Contact Person: David B Winter, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4204, MSC 7812, Bethesda, MD 20892, 301-435-1152, dwinter@mail.nih.gov.

Name of Committee: Center for Scientific Review Special Emphasis Panel; PAR15-326: Imaging—Science Track Award for Research Transition (I/START).

Date: October 5, 2017.

Time: 12:00 p.m. to 2:30 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892 (Telephone Conference Call).

Contact Person: Yvonne Bennett, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5199, MSC 7846, Bethesda, MD 20892, 301-379-3793, bennetty@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: September 7, 2017.

David Clary,

Program Analyst, Office of Federal Advisory Committee Policy.

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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, notice is hereby given of a meeting of the Board of Scientific Counselors, 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