

**Potential Commercial Applications:**

- Therapeutics for hypertension
- Therapeutics for anxiety disorders
- Therapeutics for sleep disorders

**Development Stage:**

- In vivo data available

**Inventors:** George Kunos and

Alexandros Makriyannis (both of NIAAA)

**Intellectual Property:** HHS Reference

No. E-211-2006/0-US-06.

- U.S. Patent 8,293,724 filed April 6, 2010, issued October 23, 2012.

**Licensing Contact:** Michael

Shmilovich, Esq. CLP; 301-435-5019; [shmilovm@nih.gov](mailto: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 Peg Koelble, Office of Technology Transfer, National Heart, Lung and Blood Institute, [koelblep@nhlbi.nih.gov](mailto:koelblep@nhlbi.nih.gov), 301-594-4095.

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. 2017-19590 Filed 9-14-17; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Government-Owned Inventions; Availability for Licensing

**AGENCY:** National Institutes of Health, HHS.

**ACTION:** Notice.

**SUMMARY:** The inventions listed below are owned by an agency of the U.S. Government and are available for licensing 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.

**FOR FURTHER INFORMATION CONTACT:** Chris Kornak, 240-627-3705, [chris.kornak@nih.gov](mailto:chris.kornak@nih.gov). Licensing information and copies of the U.S. patent applications listed below may be obtained by communicating with the indicated licensing contact at the Technology Transfer and Intellectual Property Office (TTIPO), 5601 Fishers Lane, Suite 6D, MSC 9804, Rockville,

MD 20892, tel: 301-496-2644, fax: 240-627-3117. A signed Confidential Disclosure Agreement will be required to receive copies of unpublished patent applications.

**SUPPLEMENTARY INFORMATION:** Technology description follows.

#### Recombinant HIV-1 Envelope Proteins and Their Use

**Description of Technology:** Millions of people are infected with HIV-1 worldwide. In the U.S., there are about 30,000 new cases of HIV infection reported annually. Currently, there are effective, anti-retroviral therapeutics available to treat or prevent HIV infection. However, available anti-retroviral therapeutics require life-long administration.

During infection, proteases of the host cell cleave gp160 into gp120 and gp41. Gp41 is an integral membrane protein, while gp120 protrudes from the mature virus. Together gp120 and gp41 aggregate as trimers that make up the HIV-1 envelope ("Env") spike, which is a target for neutralizing antibodies.

NIAID researchers have constructed a recombinant HIV-1 trimer immunogen. In particular, the recombinant gp120 protein in the trimer is stabilized in a closed conformation, preventing it from binding to CD4. The advantage of the closed conformation is that it can stabilize the epitopes that bind to broadly neutralizing antibodies, minimize the binding of gp120 with weakly or non-neutralizing antibodies, and prevent conformational changes induced by CD4 as well as immunogen sequestration by CD4 *in vivo*. Research has also indicated that recombinant Env ectodomain trimers can induce higher neutralizing antibody titers than wild type Env trimers in animal models.

This technology is available for licensing for commercial development in accordance with 35 U.S.C. 209 and 37 CFR part 404, as well as for further development and evaluation under a research collaboration.

**Potential Commercial Applications:**

- HIV-1 immunogen
- New methods for isolating broadly neutralizing antibodies

**Competitive Advantages:**

- A new strategy in inducing immune response against HIV-1

**Development Stage:**

- Pre-Clinical; Proof-of-concept studies in nonhuman primate models

**Inventors:**

Paolo Lusso, NIAID, NIH  
Peng Zhang, NIAID, NIH

**Publications:** Pending.

**Intellectual Property:** HHS Reference No. E-102-2016/0—PCT Application

No. PCT/US2017/021573 filed on 03/09/2017.

**Licensing Contact:** Chris Kornak, 240-627-3705, [chris.kornak@nih.gov](mailto:chris.kornak@nih.gov).

**Collaborative Research Opportunity:**

The Technology Transfer and Intellectual Property Office (TTIPO) is seeking parties interested in collaborative research to further develop the technology. In particular, NIAID is interested in partnerships utilizing vector vaccine platforms for expressing these immunogens.

However, NIAID is willing to discuss other applications of this technology. For collaboration opportunities, please contact Chris Kornak, 240-627-3705, [chris.kornak@nih.gov](mailto:chris.kornak@nih.gov).

Dated: September 7, 2017.

**Suzanne Frisbie,**

Deputy Director, Technology Transfer and Intellectual Property Office, National Institute of Allergy and Infectious Diseases.

[FR Doc. 2017-19591 Filed 9-14-17; 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, 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:** National Institute on Deafness and Other Communication Disorders Special Emphasis Panel; Chemical Senses Fellowship Review.

**Date:** October 11, 2017.

**Time:** 12:30 p.m. to 3:00 p.m.

**Agenda:** To review and evaluate grant applications.

**Place:** National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852 (Telephone Conference Call).

**Contact Person:** Sheo Singh, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Activities, 6001 Executive Blvd., Room 8351, 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; Hearing and Balance Fellowships Review.

*Date:* October 16, 2017.

*Time:* 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:* Shiguang Yang, DVM, Ph.D., Scientific Review Officer, Division of Extramural Activities, NIDCD, NIH, 6001 Executive Blvd., Room 8349, Bethesda, MD 20892, 301-496-8683, [yangshi@nidcd.nih.gov](mailto:yangshi@nidcd.nih.gov).

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

*Date:* October 18, 2017.

*Time:* 12:30 p.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852 (Telephone Conference Call).

*Contact Person:* Sheo Singh, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Activities, 6001 Executive Blvd., Room 8351, Bethesda, MD 20892, 301-496-8683, [singhs@nidcd.nih.gov](mailto:singhs@nidcd.nih.gov).

*Name of Committee:* Communication Disorders Review Committee.

*Date:* October 19, 2017.

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

*Agenda:* To review and evaluate grant applications.

*Place:* Bethesda North Marriott Hotel & Conference Center, 5701 Marinelli Road, Bethesda, MD 20852.

*Contact Person:* Eliane Lazar-Wesley, Ph.D., Scientific Review Officer, Division of Extramural Activities, National Institute on Deafness and other Communication Disorders/NIH, 6001 Executive Blvd., MSC 9670, Bethesda, MD 20892-8401, 301-496-8683 [el6r@nih.gov](mailto:el6r@nih.gov).

*Name of Committee:* National Institute on Deafness and Other Communication Disorders Special Emphasis Panel; P50 Review.

*Date:* October 26, 2017.

*Time:* 11:00 a.m. to 2:30 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, 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).

(Catalogue of Federal Domestic Assistance Program Nos. 93.173, Biological Research Related to Deafness and Communicative Disorders, National Institutes of Health, HHS)

Dated: September 8, 2017.

**Sylvia L. Neal,**

*Program Analyst, Office of Federal Advisory Committee Policy.*

[FR Doc. 2017-19592 Filed 9-14-17; 8:45 am]

**BILLING CODE 4140-01-P**

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**National Institutes of Health**

**Proposed Collection; 60-Day Comment Request; Special Volunteer and Guest Researcher Assignment (Office of Intramural Research, Office of the Director)**

**AGENCY:** National Institutes of Health, HHS.

**ACTION:** Notice.

**SUMMARY:** In compliance with the requirement of the Paperwork Reduction Act of 1995, for opportunity for public comment on proposed data collection projects, the Office of Intramural Research (OIR), Office of the Director (OD), National Institutes of Health (NIH), will publish periodic summaries of proposed projects to be submitted to the Office of Management and Budget (OMB) for review and approval.

**DATES:** Comments regarding this information collection are best assured of having their full effect if received within 60 days of the date of this publication.

**FOR FURTHER INFORMATION CONTACT:** To obtain a copy of the data collection plans and instruments, submit comments in writing, or request more information on the proposed project, contact: Dr. Arlyn Garcia-Perez, Assistant Director, Office of Intramural Research, Office of the Director, National Institutes of Health, 1 Center Drive MSC 0140, Building 1, Room 160, MSC-0140, Bethesda, Maryland, 20892 or call non-toll-free number (301) 496-1921 or (301) 496-1381 or Email your

request, including your address to: [GarciaA@od.nih.gov](mailto:GarciaA@od.nih.gov). Formal requests for additional plans and instruments must be requested in writing.

**SUPPLEMENTARY INFORMATION:** Section 3506(c)(2)(A) of the Paperwork Reduction Act of 1995 requires: Written comments and/or suggestions from the public and affected agencies are invited to address one or more of the following points: (1) Whether the proposed collection of information is necessary for the proper performance of the function of the agency, including whether the information will have practical utility; (2) The accuracy of the agency's estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used; (3) Ways to enhance the quality, utility, and clarity of the information to be collected; and (4) Ways to minimize the burden of the collection of information on those who are to respond, including the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology.

*Proposed Collection Title:* Special Volunteer and Guest Researcher Assignment form—Reinstatement without Change of OMB #0925-0177, Office of Intramural Research (OIR), Office of the Director (OD), National Institutes of Health (NIH).

*Need and Use of Information Collection:* Form Number: NIH-590 is a single form completed by a NIH official for each Guest Researcher or Special Volunteer prior to his/her arrival at NIH. The information on the form is necessary for the approving official to reach a decision on whether to allow a Guest Researcher to use NIH facilities, or whether to accept volunteer services offered by a Special Volunteer. If the original assignment is extended, another form notating the extension is completed to update the file. In addition, each Special Volunteer and Guest Researcher reads and signs an NIH Agreement.

OMB approval is requested for 3 years. There are no costs to respondents other than their time. The total estimated annualized burden hours are 527.

**ESTIMATED ANNUALIZED BURDEN HOURS**

Form name	Type of respondents	Number of respondents	Number of responses per respondent	Average burden per response (in hours)	Total annual hour burden hours
Special Volunteer and Guest Researcher Assignment.	Special Volunteers and Guest researchers.	2,870	1	6/60	287