

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Center for Scientific Review; Amended Notice of Meeting

Notice is hereby given of a change in the meeting of the Center for Scientific Review Special Emphasis Panel RFA-OD-23-013 and RFA-OD-23-014—Understanding Chronic Conditions Understudied Among Women Special Emphasis Panel (SEP), November 20, 2023, 10:00 a.m. to November 21, 2023, 06:30 p.m., National Institutes of Health, Rockledge II, 6701 Rockledge Drive, Bethesda, MD, 20892 which was published in the **Federal Register** on October 27, 2023, 88 FR 73865 Doc 2023-23748

This meeting is being amended to change the Panel name to Center for Scientific Review Special Emphasis Panel RFA-OD-23-013 and RFA-OD-23-014—Understanding Chronic Conditions Understudied Among Women. The meeting is closed to the public.

Dated: November 2, 2023.

**Melanie J. Pantoja,**

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

[FR Doc. 2023-24579 Filed 11-6-23; 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 invention listed below is owned by an agency of the U.S. Government and is 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:**

Amy F. Petrik, Ph.D. at 240-627-3721 or [amy.petrik@nih.gov](mailto:amy.petrik@nih.gov). Licensing information may be obtained by communicating with the indicated licensing contact at the Technology Transfer and Intellectual Property Office, National Institute of Allergy and Infectious Diseases, 5601 Fishers Lane,

Rockville, MD, 20852; tel. 301-496-2644. A signed Confidential Disclosure Agreement will be required to receive copies of unpublished information related to the invention.

**SUPPLEMENTARY INFORMATION:** Technology description follows:

#### Base-Covered HIV-1 Envelope Ectodomains and Their Use

##### *Description of Technology:*

Researchers at the Vaccine Research Center (“VRC”) of the National Institute of Allergy and Infectious Diseases (“NAID”) continue to pursue a safe and effective HIV-1 vaccine to combat the HIV-1/AIDS pandemic.

To this end, researchers have engineered the soluble HIV-1 ectodomain trimer so that it is stabilized in its prefusion conformation by artificial disulfides, helix-disrupting prolines, and other structure-based alterations. However, mice and non-human primates immunized with these engineered soluble HIV-1 trimers produced a significant (>90% in some cases) immune response to the exposed trimer base.

VRC researchers further modified the engineered prefusion soluble HIV-1 trimers by adding N-linked glycans to specific sites on the protein’s base to block this immunodominant surface. They found that these N-linked glycans did reduce production of non-neutralizing antibodies directed to the trimer base. These soluble, glycan-masked prefusion HIV-1 trimers are envisioned as being a part of a heterologous prime-boost vaccine regimen.

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 further development and evaluation under a research collaboration.

##### *Potential Commercial Applications:*

- Vaccine for prevention of HIV-1 infection
- Therapeutic vaccine for treatment of HIV-1 infection

##### *Competitive Advantages:*

- Currently, no licensed HIV vaccine exists

##### *Development Stage:*

- Animal studies

*Inventors:* Peter Kwong, John Mascola, Tongqing Zhou, Adam Olia, Reda Rawi, Yongping Yang, Cheng Cheng (all of NIAID).

*Publications:* Olia, et al. (2023) Soluble prefusion-closed HIV-envelope trimers with glycan-covered bases. *iScience* 26, 107403, August 18, 2023. DOI: <https://doi.org/10.1016/j.sci.2023.107403>.

*Intellectual Property:* HHS Reference Number E-079-2022 includes PCT Patent Application No. PCT/US2023/065009 filed on March 27, 2023.

*Licensing Contact:* To license this technology, please contact Amy F. Petrik, Ph.D., 240-627-3721; [amy.petrik@nih.gov](mailto:amy.petrik@nih.gov), and reference E-079-2022.

**Surekha Vathyam,**

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

[FR Doc. 2023-24551 Filed 11-6-23; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Cancer Institute; Notice of Meeting

Pursuant to section 1009 of the Federal Advisory Committee Act, as amended, notice is hereby given of a meeting of the National Cancer Advisory Board.

The meeting will be held as a virtual meeting and is open to the public as indicated below. Individuals who plan to view the virtual meeting and need special assistance or other reasonable accommodations to view the meeting should notify the Contact Person listed below in advance of the meeting. The meeting can be accessed from the NIH Videocast at the following link: <http://videocast.nih.gov/>.

A portion of the National Cancer Advisory Board 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 Cancer Advisory Board.

*Date:* February 8, 2024.

*Open:* 11:00 a.m. to 1:05 p.m.

*Agenda:* NCAB Subcommittee Meetings.

*Open:* 1:15 p.m. to 3:30 p.m.

*Agenda:* Director’s and Program reports and presentations; business of the Board.

*Closed:* 3:30 p.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Cancer Institute Shady Grove, 9609 Medical Center Drive, Bethesda, MD 20892 (Virtual Meeting).

*Contact Person:* Paulette S. Gray, Ph.D., Director, Division of Extramural Activities, National Cancer Institute—Shady Grove, National Institutes of Health, 9609 Medical Center Drive, 7th Floor, Room 7W444, Bethesda, MD 20892, 240-276-6340, [grayp@mail.nih.gov](mailto:grayp@mail.nih.gov).

Any interested person may file written comments with the committee by forwarding the statement to the Contact Person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

Information is also available on the Institute's/Center's home page: NCAB: <https://deainfo.nci.nih.gov/advisory/ncab/ncabmeetings.htm>, where an agenda, instructions for accessing the virtual NCAB meetings, and any additional information for the meetings will be posted when available. (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: November 2, 2023.

**Melanie J. Pantoja,**

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

[FR Doc. 2023-24578 Filed 11-6-23; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Cancer Institute; Notice of Meeting

Pursuant to section 1009 of the Federal Advisory Committee Act, as amended, notice is hereby given of a meeting of the Frederick National Laboratory Advisory Committee to the National Cancer Institute.

The meeting will be held virtually and is open to the public. Individuals who plan to view the virtual meeting and need special assistance or other reasonable accommodations to view the meeting, should notify the Contact Person listed below in advance of the meeting. The meeting will be videocast and can be accessed from the NIH Videocasting and Podcasting website (<http://videocast.nih.gov>).

*Name of Committee:* Frederick National Laboratory Advisory Committee to the National Cancer Institute.

*Date:* February 29, 2024.

*Time:* 1:00 p.m. to 4:00 p.m.

*Agenda:* Ongoing and new activities at the Frederick National Laboratory for Cancer Research.

*Place:* National Cancer Institute Shady Grove, 9609 Medical Center Drive, Rockville, MD 20850 (Virtual Meeting).

*Contact Person:* Christopher D. Kane, Ph.D., Health Science Administrator and Program Officer, Office of Scientific Operations, NCI at Frederick, National Cancer Institute, National Institutes of Health, 1050 Boyles Street, Building 427, Room 4, Frederick, Maryland 21702, [christopher.kane@nih.gov](mailto:christopher.kane@nih.gov).

Any interested person may file written comments with the committee by forwarding the statement to the Contact Person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

Information is also available on the Institute's/Center's home page: FNLAC: <https://deainfo.nci.nih.gov/advisory/fac/fac.htm>, where an agenda and any additional information for the meeting will be posted when available.

(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: November 2, 2023.

**Melanie J. Pantoja,**

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

[FR Doc. 2023-24584 Filed 11-6-23; 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 invention listed below is owned by an agency of the U.S. Government and is 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:** Peter Tung at 240-669-5483 or [peter.tung@nih.gov](mailto:peter.tung@nih.gov). Licensing information and copies of the patent applications listed below may be obtained by communicating with the Technology Transfer and Intellectual

Property Office, National Institute of Allergy and Infectious Diseases, 5601 Fishers Lane, Rockville, MD, 20852; tel. 301-496-2644. A signed Confidential Disclosure Agreement will be required to receive copies of unpublished patent applications related to the invention.

**SUPPLEMENTARY INFORMATION:** Technology description follows.

#### Beta Globin Mimetic Peptides and Their Use

*Description of Technology:* Feedback vasodilation by endothelium-derived nitric oxide (NO) is under the regulation of globins. Inventors discovered that not only the alpha globin but also the beta globin subunits of hemoglobin are expressed in the human artery wall, with beta globin interacting directly with endothelium-derived nitric oxide synthase (eNOS). This discovery of tetrameric hemoglobin binding to eNOS has led inventors to develop novel mimetic peptides that disrupt the binding of beta globin to eNOS, diminishing the ability of hemoglobin to restrict NO release and thereby enhancing NO-mediated feedback vasodilation. These agents can be used to increase NO signaling from endothelial cells and thus inhibit, prevent, or reverse vasoconstriction.

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:*

- Novel peptides to treat vascular diseases characterized by vasoconstriction, excess alpha adrenergic signaling, or insufficient nitric oxide signaling. Applications could range from cerebral vasospasm to pulmonary hypertension, to chronic kidney disease, to transfusion medicine, to erectile dysfunction, and to exercise physiology.

#### *Competitive Advantages:*

- New pathway for regulation of vasoconstriction/vasodilation that is separate from the pathways that current products available for treating nitric oxide deficiency target. Combination therapy with current vasoconstriction/vasodilation medications of different mechanisms may be possible.

- Enhancement of NO release at the junction between the endothelial cell and smooth muscle cell may provide greater potency and fewer off-target effects than other forms of NO delivery.

#### *Development Stage:*

- Peptides have been tested in human and canine arteries ex vivo.