

Disclosure Agreement will be required to receive copies of unpublished patent applications.

**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 endothelial 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 to exercise physiology.

#### Competitive Advantages

- New pathway for regulation of vasoconstriction/vasodilation.
- 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.

*Inventors:* Drs. Hans Ackerman, Steven Brooks, Phillip Cruz, all of NIAID.

*Publications:* "Hemoglobin Interacts with Endothelial Nitric Oxide Synthase to Regulate Vasodilation in Human Resistance Arteries", <https://doi.org/10.1101/2021.04.06.21255004>.

*Intellectual Property:* HHS Reference No. E-060-2022-0-US-01-U.S. Provisional Application No. 63/328,615, filed April 7, 2022.

*Licensing Contact:* To license this technology, please contact Peter Tung at 240-669-5483, or [peter.tung@nih.gov](mailto:peter.tung@nih.gov).

*Collaborative Research Opportunity:* The National Institute of Allergy and Infectious Diseases is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate, or commercialize the invention. For collaboration opportunities, please contact Peter Tung at 240-669-5483; [peter.tung@nih.gov](mailto:peter.tung@nih.gov).

Dated: June 9, 2022.

**Surekha Vathyam,**

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

[FR Doc. 2022-12922 Filed 6-15-22; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of General Medical Sciences; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended, 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 General Medical Sciences Special Emphasis Panel; Review of NRSA Institutional Postdoctoral Training Grant (T32) Applications.

*Date:* July 15, 2022.

*Time:* 9:30 a.m. to 6:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institute of General Medical Sciences, Natcher Building, 45 Center Drive, Bethesda, MD 20892 (Virtual Meeting).

*Contact Person:* John J. Laffan, Scientific Review Officer, Office of Scientific Review, National Institute of General Medical Sciences, National Institutes of Health, Natcher Building, 45 Center Drive, Room

3AN18J, Bethesda, MD 20892, 301-594-2773, [laffanjo@mail.nih.gov](mailto:laffanjo@mail.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.375, Minority Biomedical Research Support; 93.821, Cell Biology and Biophysics Research; 93.859, Pharmacology, Physiology, and Biological Chemistry Research; 93.862, Genetics and Developmental Biology Research; 93.88, Minority Access to Research Careers; 93.96, Special Minority Initiatives; 93.859, Biomedical Research and Research Training, National Institutes of Health, HHS)

Dated: June 10, 2022.

**Miguelina Perez,**

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

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Arthritis and Musculoskeletal and Skin Diseases; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended, 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 Arthritis and Musculoskeletal and Skin Diseases Special Emphasis Panel: NIAMS RE-JOIN UCT2 Review Meeting.

*Date:* July 12, 2022.

*Time:* 10:00 a.m. to 5:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institute of Arthritis, Musculoskeletal and Skin Diseases, 6701 Democracy Boulevard, Bethesda, MD 20817 (Virtual Meeting).

*Contact Person:* Kan Ma, Ph.D., Scientific Review Officer, Scientific Review Branch, National Institute of Arthritis, Musculoskeletal and Skin Diseases, NIH, 6701 Democracy Boulevard, Suite 814, Bethesda, MD 20892, 301-451-4838, [mak2@mail.nih.gov](mailto:mak2@mail.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.846, Arthritis, Musculoskeletal and Skin Diseases Research, National Institutes of Health, HHS)

Dated: June 10, 2022.

**Miguelina Perez,**

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

[FR Doc. 2022-12924 Filed 6-15-22; 8:45 am]

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## DEPARTMENT OF HOMELAND SECURITY

### Coast Guard

[Docket No. USCG-2022-0391]

#### Area Maritime Security Advisory Committee for San Diego, CA

**AGENCY:** Coast Guard, DHS.

**ACTION:** Solicitation for membership.

**SUMMARY:** This notice requests individuals interested in serving on the San Diego Area Maritime Security Advisory Committee (AMSC) submit their applications for membership to the Captain of the Port (COTP) Sector San Diego. The Committee assists the Federal Maritime Security Coordinator (FMSC) in developing, reviewing, and updating the Area Maritime Security Plan for their area of responsibility.

**DATES:** Requests for membership should reach the U.S. Coast Guard COTP Sector San Diego by July 1, 2022.

**ADDRESSES:** Applications for membership should be submitted to the Captain of the Port at the following address: Commander, Sector San Diego Attn: Mr. Kris Szczechowicz, San Diego AMSC Executive Secretary, 2710 N Harbor Drive, San Diego, CA 92101.

**FOR FURTHER INFORMATION CONTACT:** For questions about submitting an application or about the AMSC in general, contact Mr. Kris Szczechowicz, San Diego AMSC Executive Secretary, Phone: (619) 278-7089.

#### SUPPLEMENTARY INFORMATION:

##### Authority

Section 102 of the Maritime Transportation Security Act (MTSA) of 2002 (Pub. L. 107-295) added section 70112 to Title 46 of the U.S. Code, and authorized the Secretary of the Department in which the Coast Guard is operating to establish Area Maritime Security Advisory Committees for any port area of the United States. (See 33 U.S.C. 1226; 46 U.S.C. 70112; 33 CFR 1.05-1, 6.01; Department of Homeland Security Delegation No. 0170.1). The MTSA includes a provision exempting these AMSCs from the Federal Advisory Committee Act (FACA), Public Law 92-436, 86 Stat. 470 (5 U.S.C. App.2).

#### San Diego AMSC Mission

The AMSCs assists the Federal Maritime Security Coordinator in the development, review, update, and exercising of the AMS Plan for their area of responsibility. Such matters include, but are not limited to; Identifying critical port infrastructure and operations; Identifying risks (threats, vulnerabilities, and consequences); Determining mitigation strategies and implementation methods; Developing strategies to facilitate the recovery of the MTS after a Transportation Security Incident; Developing and describing the process to continually evaluate overall port security by considering consequences and vulnerabilities, how they may change over time, and what additional mitigation strategies can be applied; and Providing advice to, and assisting the Federal Maritime Security Coordinator in developing and maintaining the Area Maritime Security Plan.

The San Diego Area Maritime Security Committee was chartered by the Commander, Sector San Diego to study and consider issues related to security in the Port of San Diego, in addition to reviewing the proposed Area Maritime Security Plan and serve as a link to communicating threats to waterway users in the Port of San Diego and Southern California, and identifying and quantifying those threats. It serves to protect the Port of San Diego through improved security procedures and communication and as a forum to coordinate security procedures to decrease the vulnerability of resources in the Port of San Diego. It shall serve as an interface between regulators and industry and will assist governmental agencies to implement policies and procedures to improve security in the Port of San Diego. Details regarding the specific objectives of the San Diego Maritime Security Committee can be found in the charter.

#### AMSC Composition

The composition of an AMSC, to include the San Diego AMSC, is prescribed under 33 CFR 103.305. Pursuant to that regulation, members may be selected from the Federal, Territorial, or Tribal government; the State government and political subdivision of the State; local public safety, crisis management, and emergency response agencies; law enforcement and security organizations; maritime industry, including labor; other port stakeholders having a special competence in maritime security; and port stakeholders affected by security practices and policies. Members of the

AMSC should have at least five years of experience related to maritime or port security operations.

#### AMSC Membership

The San Diego AMSC has fourteen members. Members of the AMSC should have at least five years of experience related to maritime or port security operations. We are seeking to fill five vacancies with this solicitation:

*Vice-Chairperson:* The Vice Chairperson will act as Chairperson in the absence or incapacity of the Chairperson, or in the event of a vacancy in the office of the Chairperson. The ideal candidate for this position will have more than ten years of experience in security and/or emergency operations management with a significant amount of time spent working in the Port of San Diego or similar operational environments.

*Co-Chairperson (Preventative Radiological/Nuclear Detection Subcommittee):* This subcommittee assists on matters building on the work performed and other matters involving Preventative Radiological/Nuclear Detection (PRND) technology and equipment, sustainment, training, exercises, and operations within the San Diego area. This sub-committee will serve as the primary interface for agencies in the San Diego AMSC region with existing or developing maritime PRND capabilities. The PRND Subcommittee will coordinate and promote the development of a sustainable, regional PRND capability among the federal, state, and local agencies that make up the San Diego AMSC. The ideal candidates for these positions will have experience in the PRND field (such as participation in the legacy West Coast Maritime Pilot program and the PRND Task Force of CalEMA) and be knowledgeable about maritime domain awareness and port security issues of the San Diego region.

Applicants may be required to pass an appropriate security background check prior to appointment to the committee. Members' terms of office will be for five years; however, a member is eligible to serve additional terms of office. Members will not receive any salary or other compensation for their service on an AMSC. In support of the USCG policy on gender and ethnic diversity, we encourage qualified women and members of minority groups to apply.

#### Request for Applications

Please submit an application or nomination to the address indicated under the **ADDRESSES** section of this notice. Those seeking membership are not required to submit formal