

## ANNUALIZED BURDEN HOUR TABLE—Continued

Forms (if necessary)	Respondents (if necessary)	Number of respondents	Number of responses per respondents	Average burden per response	Total burden hours
Total .....	.....	200	.....	.....	67

**Sherrette A. Funn,**

*Paperwork Reduction Act Reports Clearance Officer, Office of the Secretary.*

[FR Doc. 2022–12958 Filed 6–15–22; 8:45 am]

**BILLING CODE 4150–45–P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute on Drug Abuse; 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 on Drug Abuse Special Emphasis Panel; Mechanism for Time-Sensitive Drug Abuse Research (R21 Clinical Trial Optional).

*Date:* July 25, 2022.

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

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, National Institute on Drug Abuse, 301 North Stonestreet Avenue, Bethesda, MD 20892 (Virtual Meeting).

*Contact Person:* Soyoun Cho, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Research, National Institute on Drug Abuse, NIH, 301 North Stonestreet Avenue, MSC, 6021, Bethesda, MD 20892, (301) 594–9460, [Soyoun.cho@nih.gov](mailto:Soyoun.cho@nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.277, Drug Abuse Scientist Development Award for Clinicians, Scientist Development Awards, and Research Scientist Awards; 93.278, Drug Abuse National Research Service Awards for Research Training; 93.279, Drug Abuse and Addiction Research Programs, National Institutes of Health, HHS)

Dated: June 10, 2022.

**Tyeshia M. Roberson-Curtis,**

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

[FR Doc. 2022–12950 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 Environmental Health Sciences; 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 of Environmental Health Sciences Special Emphasis Panel: Review of the NIH Pathway to Independence Award (K99/R00) Applications.

*Date:* July 7, 2022.

*Time:* 10:30 a.m. to 4:30 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institute of Environmental Health Sciences, Keystone Building, 530 Davis Drive, Durham, NC 27709 (Virtual Meeting).

*Contact Person:* Qingdi Quentin Li, MD, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Research and Training, Nat'l Institute Environmental Health Sciences, Research Triangle Park, NC 27709, (240) 858–3914, [liquenti@nih.gov](mailto:liquenti@nih.gov).

*Name of Committee:* National Institute of Environmental Health Sciences Special Emphasis Panel: Review of the Transition to Independent Environmental Health Research Career Award (K01/K08) Applications.

*Date:* July 8, 2022.

*Time:* 10:00 a.m. to 2:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institute of Environmental Health Sciences, Keystone Building, 530 Davis Drive, Durham, NC 27709 (Virtual Meeting).

*Contact Person:* Qingdi Quentin Li, MD, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Research and Training, Nat'l Institute Environmental Health Sciences, Research Triangle Park, NC 27709, (240) 858–3914, [liquenti@nih.gov](mailto:liquenti@nih.gov).

*Name of Committee:* National Institute of Environmental Health Sciences Special Emphasis Panel: Review of the Outstanding New Environmental Scientist Program.

*Date:* July 26, 2022.

*Time:* 10:30 a.m. to 4:30 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institute of Environmental Health Sciences, Keystone Building, 530 Davis Drive, Durham, NC 27709 (Virtual Meeting).

*Contact Person:* Leroy Worth, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Research and Training, Nat. Institute of Environmental Health Sciences, P.O. Box 12233, MD EC–30/Room 3171, Research Triangle Park, NC 27709, 984–287–3340, [worth@niehs.nih.gov](mailto:worth@niehs.nih.gov). (Catalogue of Federal Domestic Assistance Program Nos. 93.115, Biometry and Risk Estimation—Health Risks from Environmental Exposures; 93.142, NIEHS Hazardous Waste Worker Health and Safety Training; 93.143, NIEHS Superfund Hazardous Substances—Basic Research and Education; 93.894, Resources and Manpower Development in the Environmental Health Sciences; 93.113, Biological Response to Environmental Health Hazards; 93.114, Applied Toxicological Research and Testing, National Institutes of Health, HHS)

Dated: June 10, 2022.

**Miguelina Perez,**

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

[FR Doc. 2022–12925 Filed 6–15–22; 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:** Yogikala Prabhu, Ph.D., 301-761-7789; [prabhuyo@niaid.nih.gov](mailto:prabhuyo@niaid.nih.gov). Licensing information 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 information related to the invention.

**SUPPLEMENTARY INFORMATION:** Technology description follows:

**Methods for Using Modulators of Extracellular Adenosine or an Adenosine Receptor To Enhance Immune Response and Inflammation**

*Description of Technology*

Local inflammation processes are crucially important in the host defense against pathogens and for successful immunization because proinflammatory cytokines are necessary for initiation and propagation of an immune response. However, normal inflammatory responses are eventually terminated by physiological termination mechanisms, thereby limiting the strength and duration of immune responses, especially to weak antigens. The inventors have shown that adenosine A2a and A3a receptors play a critical role in down-regulation of inflammation in vivo. They act as the physiological termination mechanism that can limit the immune response. Thus, a method was developed for inhibiting signaling through the adenosine receptor to prolong and intensify the immune response. The method involves administering either an adenosine-degrading drug or an adenosine receptor agonist. These compounds can be also used as vaccine adjuvants and treatments for accomplishing targeted tissue damage such as for tumor destruction.

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*

- Anti-tumor therapy
- Vaccine adjuvants for tumors

- Immunotherapy

*Competitive Advantages*

- Use of adenosine receptor agonist or adenosine-degrading drug to inhibit signaling through the adenosine receptor to prolong and intensify the immune response.

- Use of adenosine receptor agonists or adenosine-degrading drugs as vaccine adjuvants for tumor destruction.

*Development Stage*

- Pre-clinical

*Inventors:* Michail V. Sitkovsky, M.D. (previously at NIAID), Akio Ohta (previously at NIAID).

*Publications:* Ohta A. et al., "Role of G-protein-coupled adenosine receptors in downregulation of inflammation and protection from tissue damage," Nature 2001 Dec 20-27; 414 (6866):916-20.

*Intellectual Property:* HHS Reference No. E-051-2002-0.

- U.S. Divisional Application No. 16/391,423- filed April 23, 2019, entitled "Methods for Using Modulators of Extracellular Adenosine or an Adenosine Receptor to Enhance Immune Response and Inflammation" [HHS Reference No. E-051-2002/0-US-19].

All issued and active U.S. patents (claiming priority to U.S. Provisional Application Nos 60/340,772 filed December 12, 2011, and 60/342,585 filed December 19, 2001) related to the above-referenced technology:

- U.S. Patent 8,080,554, issued December 20, 2011 (application 10/498,416 filed on 06/10/2004)
- U.S. Patent 8,716,301, issued May 06, 2014 (application 13/310,264 filed on 12/02/2001)
- U.S. Patent 9,415,105, issued August 16, 2016 (application 14/067,005 filed on 10/30/2013)
- U.S. Patent 10,314,908, issued June 11, 2019 (application 15/237,316 filed on 08/15/2016)

*Licensing Contact:* To license this technology, please contact Yogikala Prabhu, Ph.D., 301-761-7789; [prabhuyo@niaid.nih.gov](mailto:prabhuyo@niaid.nih.gov), and reference E-051-2002-0.

*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 this technology. For collaboration opportunities, please contact Yogikala Prabhu, Ph.D., 301-761-7789; [prabhuyo@niaid.nih.gov](mailto:prabhuyo@niaid.nih.gov).

Dated: June 10, 2022.

**Surekha Vathyam,**

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

[FR Doc. 2022-12959 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.

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*Name of Committee:* National Institute of General Medical Sciences Special Emphasis Panel; Maximizing Opportunities for Scientific and Academic Independent Careers (MOSAIC) Postdoctoral Career Transition Award to Promote Diversity (K99/R00).

*Date:* July 26, 2022.

*Time:* 10:00 a.m. to 5:00 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:* Lisa A. Dunbar, Ph.D., Scientific Review Officer, Office of Scientific Review, National Institute of General Medical Sciences, National Institutes of Health, 45 Center Drive, Room 3AN12, Bethesda, MD 20892, 301-594-2849, [dunbarl@mail.nih.gov](mailto:dunbarl@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.*

[FR Doc. 2022-12927 Filed 6-15-22; 8:45 am]

**BILLING CODE 4140-01-P**