

- Diagnostic tool for cytotoxicity or component of diagnostic kit that utilizes fluorescent proteins.

Licensable Materials

- The nucleotide sequences of fluorescent protein
- Fusion construct to LC3A autophagy marker protein or mitochondria targeted peptide.

Dated: June 10, 2025.

Michael A. Shmilovich,

Acting Director, National Heart, Lung, and Blood Institute, Office of Technology Transfer and Development.

[FR Doc. 2025–10854 Filed 6–13–25; 8:45 am]

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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:

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 by contacting Chris Kornak at 240–627–3705 or at chris.kornak@nih.gov. A signed Confidential Disclosure Agreement will be required to receive copies of unpublished information related to the invention.

SUPPLEMENTARY INFORMATION:

Technology description follows:

A Novel Strategy To Produce 6-cys Proteins Based on Pfs230D1 Domain Fusions

Description of Technology

The Plasmodium parasite has a complex lifecycle during human infection and in the mosquito vector. Most advanced malaria vaccine candidates can confer only partial, short-term protection in malaria-endemic areas. A means of breaking the transmission of malaria to subsequent

individuals could prevent a significant amount of human disease.

The primary embodiments of this technology are novel compositions of matter that produce enhanced transmission-blocking responses over current transmission blocking vaccines:

- The inventors designed fusion protein sequences incorporating Pfs230 domain1 (Pfs230D1) at the N-terminus with additional Plasmodium 6-cys domains downstream.

- The artificial immunogens retained structured transmission blocking epitopes.

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:

This technology could be used alone or in combination with existing malaria vaccines.

Competitive Advantages:

- The immunogens were used in small animal vaccination studies where the Pfs230D1-Pfs48/45D3, Pfs230D1-Pfs230D9, Pfs230D1-3 fusions prompted greater functional serum activity compared to Pfs230D1 alone.

- Pfs230D1 or its ortholog Pvs230D1 enabled expression of other downstream domains of Pvs230 or Pv48/45D3 another malaria species that causes human disease.

Developmental Stage:

- Pre-clinical

Inventors: Dr. Patrick Duffy (NIAID) and Dr. Jonathan Renn (NIAID).

Intellectual Property: HHS Reference No. E–086–2023; Provisional Patent Application No.: 63/617,717, filed on January 4, 2024, and PCT Patent Application No. PCT/US2025/010325, filed on January 3, 2025.

Licensing Contact: To license this technology, please contact Chris Kornak 240–627–3705 or chris.kornak@nih.gov, and reference E–086–2023.

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 Chris Kornak 240–627–3705 or chris.kornak@nih.gov, and reference E–086–2023.

Dated: June 9, 2025.

Surekha Vathyam,

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

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Center for Scientific Review; Notice of Closed Meetings

Pursuant to section 1009 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; Program Projects: Cancer Biology.

Date: July 15–16, 2025.

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

Agenda: To review and evaluate grant applications.

Address: National Institutes of Health, Rockledge II, 6701 Rockledge Drive, Bethesda, MD 20892.

Meeting Format: Virtual Meeting.

Contact Person: Leila Bahadori Toulabi, Ph.D., Research Programs Review Branch, Division of Extramural Activities, National Cancer Institute, NIH, 9609 Medical Center Drive, Room 7W334, Rockville, MD 20850, (240) 276–6611, leila.toulabi@nih.gov.

Name of Committee: Center for Scientific Review Special Emphasis Panel; Fellowship: Biophysical, Physiological, Pharmacological and Bioengineering Neuroscience, and Vision.

Date: July 15–16, 2025.

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

Agenda: To review and evaluate grant applications.

Address: National Institutes of Health, Rockledge II, 6701 Rockledge Drive, Bethesda, MD 20892.

Meeting Format: Virtual Meeting.

Contact Person: Soyoun Cho, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Research, National Institute on Drug Abuse, NIH, 11601 Landsdown Street, Room 09C63, Bethesda, MD 20892, (301) 594–9460, Soyoun.cho@nih.gov.

Name of Committee: Center for Scientific Review Special Emphasis Panel;