from Type 1 Diabetes Clinical Studies (R01—Clinical Trial Not Allowed).

Date: March 29, 2024.

Time: 10:30 a.m. to 6:00 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, NIDDK, Democracy II, Suite 7000A, 6707 Democracy Boulevard, Bethesda, MD 20892 (Virtual Meeting).

Contact Person: Ann A. Jerkins, Ph.D., Scientific Review Officer, Review Branch, DEA, NIDDK, National Institutes of Health, Room 7119, 6707 Democracy Boulevard, Bethesda, MD 20892–2542, 301–594–2242, *jerkinsa@niddk.nih.gov.*

(Catalogue of Federal Domestic Assistance Program Nos. 93.847, Diabetes, Endocrinology and Metabolic Research; 93.848, Digestive Diseases and Nutrition Research; 93.849, Kidney Diseases, Urology and Hematology Research, National Institutes of Health, HHS)

Dated: February 27, 2024.

Miguelina Perez,

Program Analyst, Office of Federal Advisory Committee Policy.

[FR Doc. 2024–04444 Filed 3–1–24; 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: Brian Bailey, Ph.D., at 240–669–5128 or 301–201–9217, or by email at *bbailey@mail.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 A signed Confidential Disclosure Agreement will be required to receive copies of unpublished information related to the invention.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:

SARS–CoV–2 Pseudotyping Plasmids for Cutting-Edge Studies

Description of Technology

NIAID scientists have developed plasmids that allow for production of pseudoviruses expressing SARS–CoV–2 spike protein. As SARS–CoV–2 is a lethal airborne virus, it must be handled in high-containment Biosafety Level 3 (BSL–3) laboratories that require strict airflow, ventilation and decontamination procedures. The pseudotyping plasmids of this invention provide a secure platform for exploring SARS–CoV–2 dynamics without the need for high-risk handling of live virus and ensure a controlled environment for scientists to study SARS–CoV–2 more expeditiously in standard Biosafety Level 2 (BSL–2) laboratories. The plasmids can be used for diverse SARS–CoV–2 research applications, including the study of newly emerging or potential future variants of interest.

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

- Research material that can be used in the development of neutralization assays

Competitive Advantages

- Expedite SARS–CoV–2 related experiments by enabling them to be conducted in laboratories with a lower Biosafety Level (BSL–2) than that required for handling SARS–CoV–2 (BSL–3)

Development Stage

- Research material.

Inventors

Dr. Barney Graham, Dr. Lingshu Wang, Dr. John Mascola, Dr. Kizzmekia Corbett, all of NIAID.

Intellectual Property

HHS Reference No. E–223–2020–0.

Licensing Contact

To license this technology, please contact Brian Bailey, Ph.D.; 240–669–5128 or 301–201–9217; *bbailey@mail.nih.gov,* and reference E–223–2020.

Dated: February 14, 2024.

Surekha Vathyam,

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

[FR Doc. 2024–04425 Filed 3–1–24; 8:45 am]

BILLING CODE 4140–01–P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

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AGENCY: National Institutes of Health, HHS.

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SUPPLEMENTARY INFORMATION: Technology description follows:

SARS–CoV–2 Spike Fused to Hepatitis B Surface Antigen

Description of Technology:

The emergence of the SARS–CoV–2 virus and its immune-escaping variants have led to global COVID–19 pandemic/endemic, underscoring the urgent need for effective vaccines with strong and durable immune responses.

Researchers at the Vaccine Research Center (VRC) of the National Institute of Allergy and Infectious Diseases (NIAID) used a novel approach to SARS–CoV–2 vaccine development by leveraging hepatitis B surface antigen (HBsAg), which has a proven track record of safety and efficacy in hepatitis B vaccines. They designed fusion protein constructs comprised of HBsAg linked by a series of glycine-serine residues to the prefusion stabilized spike protein of SARS–CoV–2. These constructs can self-assemble into nanoparticles in mammalian cells and bind monoclonal antibodies (mAbs) that are specific to different domains of the SARS–CoV–2 spike. The nanoparticles elicit potent and durable immune responses including neutralizing antibody