

a specific new protein produced by a new plant variety.

Description of Respondents: The respondents to this collection of information are developers of new plant varieties intended for food use.

In the **Federal Register** of May 25, 2018 (83 FR 24315), we published a 60-day notice requesting public comment on the proposed collection of information. One comment was received

but did not respond to any of the four information collection topics solicited and is therefore not addressed.

We therefore estimate the burden for the information collection as follows:

TABLE 1—ESTIMATED ANNUAL REPORTING BURDEN¹

Category	Form FDA No.	Number of respondents	Number of responses per respondent	Total annual responses	Average burden per response	Total hours
First four data components	3666	6	1	6	4	24
Two other data components	3666	6	1	6	16	96
Total						120

¹ There are no capital costs or operating and maintenance costs associated with this collection of information.

Based on a review of the information collection since our last request for OMB approval, we have made no adjustments to our burden estimate. The estimated number of annual responses and average burden per response are based on our experience with early food safety evaluations. Completing an early food safety evaluation for a new protein from a new plant variety is a one-time burden (one evaluation per new protein). Many developers of novel plants may choose not to submit an evaluation because the field testing of a plant containing a new protein is conducted in such a way (e.g., on such a small scale, or in such isolated conditions, etc.) that cross-pollination with traditional crops or commingling of plant material is not likely to be an issue. Also, other developers may have previously communicated with us about the food safety of a new plant protein, for example, when the same protein was expressed in a different crop.

We estimate the annual number of NPCs submitted by developers will be six or fewer. The early food safety evaluation for new proteins includes six main data components. Four of these data components are easily and quickly obtainable, having to do with the identity and source of the protein. We estimate that completing these data components will take about 4 hours per NPC. We estimate the reporting burden for the first four data components to be 24 hours (4 hours × 6 responses).

Two data components ask for original data to be generated. One data component consists of a bioinformatics analysis which can be performed using publicly available databases. The other data component involves “wet” lab work to assess the new protein’s stability and the resistance of the protein to enzymatic degradation using appropriate in vitro assays (protein digestibility study). The paperwork burden of these two data components

consists of the time it takes the company to assemble the information on these two data components and include it in an NPC. We estimate that completing these data components will take about 16 hours per NPC. We estimate the reporting burden for the two other data components to be 96 hours (16 hours × 6 responses). Thus, we estimate the total annual hour burden for this collection of information to be 120 hours.

Dated: September 25, 2018.
Leslie Kux,
Associate Commissioner for Policy.
 [FR Doc. 2018–21148 Filed 9–27–18; 8:45 am]
BILLING CODE 4164–01–P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Prospective Grant of an Exclusive Patent License: Development and Commercialization of Cell Therapies for Cancer

AGENCY: National Institutes of Health, HHS.

ACTION: Notice.

SUMMARY: The National Cancer Institute, an institute of the National Institutes of Health, Department of Health and Human Services, is contemplating the grant of an Exclusive Patent License to practice the inventions embodied in the Patents and Patent Applications listed in the **SUPPLEMENTARY INFORMATION** section of this Notice to Tailored Therapeutics, LLC. (“Tailored”), located in Potomac, MD.

DATES: Only written comments and/or applications for a license which are received by the National Cancer Institute’s Technology Transfer Center on or before October 15, 2018 will be considered.

ADDRESSES: Requests for copies of the patent applications, inquiries, and comments relating to the contemplated Exclusive Patent License should be directed to: Andrew Burke, Senior Technology Transfer Manager, NCI Technology Transfer Center, 9609 Medical Center Drive, Rm. 1E530, MSC 9702, Bethesda, MD 20892–9702 (for business mail), Rockville, MD 20850–9702; Telephone: (240) 276–5484; Facsimile: (240) 276–5504; Email: andy.burke@nih.gov.

SUPPLEMENTARY INFORMATION:

Intellectual Property

Group A

E–028–2015: Anti-Mutated KRAS T Cell Receptors

1. U.S. Provisional Patent Application 62/084,654, filed November 26, 2014 (E–028–2015–0–US–01);
2. International Patent Application PCT/US2015/062269, filed November 24, 2015 (E–028–2015–1–PCT–01);
3. Australian Patent Application 2015353720, filed May 18, 2017 (E–028–2015–1–AU–02);
4. Canadian Patent Application 2968399, filed May 18, 2017 (E–028–2015–1–CA–03);
5. Chinese Patent Application 201580070673.7, filed June 23, 2017 (E–028–2015–1–CN–04);
6. European Patent Application 15807756.0 filed June 23, 2017 (E–028–2015–1–EP–05);
7. Israeli Patent Application 252258, filed May 14, 2017 (E–028–2015–1–IL–06);
8. Japanese Patent Application 527874/2017, filed May 24, 2017 (E–028–2015–1–JP–07);
9. Korean Patent Application 2017–7017289, filed June 23, 2017 (E–028–2015–1–KR–08);
10. Mexican Patent Application MX/a/2017/006865, filed May 25, 2017 (E–028–2015–1–MX–09);

11. New Zealand Patent Application 732045, filed May 18, 2017 (E-028-2015-1-NZ-10);

12. Saudi Arabian Patent Application 517381608, filed May 25, 2017 (E-028-2015-1-SA-11);

13. Singapore Patent Application 11201704155U, filed May 23, 2017 (E-028-2015-1-SG-12);

14. United States Utility Patent Application 15/528,813, filed May 23, 2017 (E-028-2015-1-US-13); and

15. Hong Kong Patent Application 18103250.9, filed March 7, 2018 (E-028-2015-1-HK-14).

E-180-2015: Anti-Mutated KRAS T Cell Receptors

1. U.S. Provisional Patent Application 62/171,321, filed June 5, 2015 (E-180-2015-0-US-01).

E-265-2015: T Cell Receptors Recognizing HLA-CW8 Restricted Mutated KRAS

1. U.S. Provisional Patent Application 62/218,688, filed September 15, 2015 (E-265-2015-0-US-01);

2. International Patent Application PCT/US2016/050875, filed September 9, 2016 (E-265-2015-0-PCT-02);

3. Australian Patent Application 2016323017, filed March 6, 2018 (E-265-2015-0-AU-03);

4. Canadian Patent Application 2998869, filed March 15, 2018 (E-265-2015-0-CA-04);

5. Chinese Patent Application 201680058891.3, filed April 3, 2018 (E-265-2015-0-CN-05);

6. European Patent Application 16770408.9 filed March 7, 2018 (E-265-2015-0-EP-06);

7. Israeli Patent Application 257840, filed March 4, 2018 (E-265-2018-0-IL-07);

8. Japanese Patent Application 513423/2018, filed March 13, 2018 (E-265-2015-0-JP-08);

9. Korean Patent Application 2018-7010326, filed April 12, 2018 (E-265-2015-0-KR-09);

10. Mexican Patent Application MX/a/2018/003062, filed March 12, 2018 (E-265-2015-0-MX-10);

11. New Zealand Patent Application 740714, filed March 14, 2018 (E-265-2015-0-NZ-11);

12. Saudi Arabian Patent Application 518391109, filed March 13, 2018 (E-265-2015-0-SA-12);

13. Singapore Patent Application 11201802069U, filed March 13, 2018 (E-265-2015-0-SG-13); and

14. United States Utility Patent Application 15/758,954, filed March 9, 2018 (E-265-2015-0-US-14).

E-175-2016: Anti-KRAS G12D T Cell Receptors

1. U.S. Provisional Patent Application 62/369,883, filed August 2, 2016 (E-175-2016-0-US-01); and

2. International Patent Application PCT/US2017/044615, filed July 31, 2017 (E-175-2016-0-PCT-02).

E-181-2017: HLA Class II-Restricted T Cell Receptors Against Mutated RAS

1. U.S. Provisional Patent Application 62/560,930, filed September 20, 2017 (E-181-2017-0-US-01).

E-239-2017: HLA Class I-Restricted T Cell Receptors Against Mutated RAS

1. U.S. Provisional Patent Application 62/594,244, filed December 4, 2017 (E-239-2017-0-US-01).

Group B

E-237-2017-0: T Cell Receptors Recognizing Mutated P53

1. U.S. Provisional Patent Application 62/565,383, filed September 29, 2017 (E-237-2017-0-US-01).

Group C

E-237-2017-1: Methods of Isolating T Cells Having Antigenic Specificity for a P53 Cancer-Specific Mutation

1. U.S. Provisional Patent Application 62/565,464, filed September 29, 2017 (E-237-2017-1-US-01).

The patent rights in these inventions have been assigned and/or exclusively licensed to the government of the United States of America.

The prospective exclusive license territory may be worldwide, and the fields of use may be limited to the following:

Fields of Use Applying to Intellectual Property Group A

“Development, manufacture and commercialization of autologous, peripheral blood T cell therapy products engineered by CRISPR to express T cell receptors reactive to mutated KRAS, as claimed in the Licensed Patent Rights, for the treatment of human cancers. Specifically excluded from this field of use are retrovirally-engineered peripheral blood T cell therapy products for the treatment of human cancers.

Development, manufacture and commercialization of companion diagnostics approved or cleared by the FDA or equivalent foreign regulatory agency for Licensee-proprietary T cell therapy products.”

Fields of Use Applying to Intellectual Property Group B

“Development, manufacture and commercialization of autologous,

peripheral blood T cell therapy products engineered by CRISPR to express T cell receptors reactive to mutated p53, as claimed in the Licensed Patent Rights, for the treatment of cancer in humans.

Development, manufacture and commercialization of companion diagnostics approved or cleared by the FDA or equivalent foreign regulatory agency for Licensee-proprietary T cell therapy products.”

Fields of Use Applying to Intellectual Property Group C

“Development, manufacture and commercialization of autologous, tumor infiltrating lymphocyte-based adoptive T cell therapy products reactive to mutated p53, isolated as claimed in the Licensed Patent Rights, for the treatment of human cancers. Specifically excluded from this field of use are genetically engineered TIL cell therapy products for the treatment of human cancers.

Development, manufacture and commercialization of companion diagnostics approved or cleared by the FDA or equivalent foreign regulatory agency for Licensee-proprietary T cell therapy products.”

Intellectual Property Group A is primarily directed to isolated T cell receptors (TCRs) reactive to mutated Kirsten rat sarcoma viral oncogene homolog (KRAS), within the context of several human leukocyte antigens (HLAs). Mutated KRAS, which plays a well-defined driver role in oncogenesis, is expressed by a variety of human cancers, including: Pancreatic, lung, endometrial, ovarian and prostate. Due to its restricted expression in precancerous and cancerous cells, this antigen may be targeted on mutant KRAS-expressing tumors with minimal normal tissue toxicity.

Intellectual Property Group B is primarily directed to isolated TCRs reactive to mutated tumor protein 53 (TP53 or P53), within the context of several HLAs. P53 is the archetypal tumor suppressor gene and the most frequently mutated gene in cancer. Contemporary estimates suggest that >50% of all tumors carry mutations in P53. Because of its prevalence in cancer and its restricted expression to precancerous and cancerous cells, this antigen may be targeted on mutant P53-expressing tumors with minimal normal tissue toxicity.

Intellectual Property Group C is primarily directed to methods of isolating T cells which are reactive to mutated P53 antigens. Briefly, pools of 25-mer peptides covering known P53 “hotspot” mutations have been generated. These peptides may be pulsed into autologous antigen

presenting cells which are subsequently co-cultured with the patient's isolated T cells. Reactive T cells may be purified and expanded *in vitro* to generate an autologous cell therapy product. The expanded cells may be administered to the patient and mediate tumor regression.

This Notice is made in accordance with 35 U.S.C. 209 and 37 CFR part 404. The prospective exclusive license will be royalty bearing, and the prospective exclusive license may be granted unless within fifteen (15) days from the date of this published Notice, the National Cancer Institute receives written evidence and argument that establishes that the grant of the license would not be consistent with the requirements of 35 U.S.C. 209 and 37 CFR part 404.

In response to this Notice, the public may file comments or objections. Comments and objections, other than those in the form of a license application, will not be treated confidentially, and may be made publicly available.

License applications submitted in response to this Notice will be presumed to contain business confidential information and any release of information from these license applications will be made only as required and upon a request under the Freedom of Information Act, 5 U.S.C. 552.

Dated: September 18, 2018.

Richard U. Rodriguez,

Associate Director, Technology Transfer Center, National Cancer Institute.

[FR Doc. 2018-21096 Filed 9-27-18; 8:45 am]

BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Neurological Disorders and Stroke; 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: Neurological Sciences Training Initial Review Group; NST-2 Subcommittee.

Date: October 25, 2018.

Time: 8:00 a.m. to 6:00 p.m.

Agenda: To review and evaluate grant applications.

Place: The Alexandrian, 480 King Street, Alexandria, VA 22314.

Contact Person: Elizabeth A. Webber, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Research, NINDS/NIH/DHHS, Neuroscience Center, 6001 Executive Blvd., Suite 3208, MSC 9529, Bethesda, MD 20892-9529, (301) 496-1917, webbere@mail.nih.gov.

Name of Committee: National Institute of Neurological Disorders and Stroke Special Emphasis Panel; NSD Member Conflict.

Date: October 29, 2018.

Time: 11:00 a.m. to 12:00 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852 (Telephone Conference Call).

Contact Person: Birgit Neuhuber, Ph.D., Scientific Review Officer, Scientific Review Branch, NINDS/NIH/DHHS, Neuroscience Center, 6001 Executive Blvd., Suite 3208, MSC 9529, Bethesda, MD 20892-9529, (301) 496-3562, neuhuber@ninds.nih.gov.

Name of Committee: National Institute of Neurological Disorders and Stroke Initial Review Group; Neurological Sciences and Disorders K.

Date: November 5, 2018.

Time: 8:30 a.m. to 4:30 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852 (Virtual Meeting).

Contact Person: Shanta Rajaram, Ph.D., Scientific Review Officer, Scientific Review Branch, NINDS/NIH/DHHS, Neuroscience Center, 6001 Executive Blvd., Suite 3208, MSC 9529, Bethesda, MD 20892-9529, (301) 435-6033, rajarams@mail.nih.gov.

Name of Committee: National Institute of Neurological Disorders and Stroke Special Emphasis Panel; NIH StrokeNet Clinical Trial Application Review.

Date: November 5, 2018.

Time: 8:30 a.m. to 5:00 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852.

Contact Person: Marilyn Moore-Hoon, Ph.D., Scientific Review Officer, Scientific Review Branch, NINDS/NIH/DHHS, Neuroscience Center, 6001 Executive Blvd., Suite 3285, MSC 9529, Bethesda, MD 20892-9529, (301) 827-9087, mooremar@mail.nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.853, Clinical Research Related to Neurological Disorders; 93.854, Biological Basis Research in the

Neurosciences, National Institutes of Health, HHS)

Dated: September 24, 2018.

Sylvia L. Neal,

Program Analyst, Office of Federal Advisory Committee Policy.

[FR Doc. 2018-21173 Filed 9-27-18; 8:45 am]

BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Heart, Lung, and Blood Institute; 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 of the NHLBI Special Emphasis Panel.

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 Heart, Lung, and Blood Institute Special Emphasis Panel; T4 Implementation Research for Heart, Lung, and Blood Diseases and Sleep Disorders.

Date: October 19, 2018.

Time: 8:00 a.m. to 3:00 p.m.

Agenda: To review and evaluate grant applications.

Place: Courtyard by Marriott, 5520 Wisconsin Avenue, Chevy Chase, MD 20815.

Contact Person: Chang Sook Kim, Ph.D., Scientific Review Officer, Office of Scientific Review/DERA, National Heart, Lung, and Blood Institute, 6701 Rockledge Drive, Room 7188, Bethesda, MD 20892-7924, 301-827-7940, carolko@mail.nih.gov.

Name of Committee: National Heart, Lung, and Blood Institute Special Emphasis Panel; NHLBI Single-Site Clinical Trials Review.

Date: October 23, 2018.

Time: 8:00 a.m. to 5:00 p.m.

Agenda: To review and evaluate grant applications.

Place: Courtyard by Marriott, 5520 Wisconsin Avenue, Chevy Chase, MD 20815.

Contact Person: Chang Sook Kim, Ph.D., Scientific Review Officer, Office of Scientific Review/DERA, National Heart, Lung, and Blood Institute, 6701 Rockledge Drive, Room 7188, Bethesda, MD 20892-7924, 301-827-7940, carolko@mail.nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.233, National Center for Sleep Disorders Research; 93.837, Heart and Vascular Diseases Research; 93.838, Lung Diseases Research; 93.839, Blood Diseases