

pain, chronic pain and chronic pain management, and disparities in pain and pain care will provide a framework for development of the strategy upon which important cross-cutting elements will be addressed.

Meeting Location: William H. Natcher Conference Center, Auditorium, National Institutes of Health, Bethesda, MD 20892.

Webcast Live: <https://videocast.nih.gov/>.

Contact Person: Linda L. Porter, Ph.D., Director, Office of Pain Policy, Officer of the Director, National Institute of Neurological Disorders and Stroke, NIH, 31 Center Drive, Room 8A31, Bethesda, MD 20892, Phone: (301) 451-4460, Email: Linda.Porter@nih.gov.

The meeting is open to the public and is free. More information can be found at <https://iprcc.nih.gov/>.

Individuals who participate in person or by videocast and who need special assistance, such as captioning of the call or other reasonable accommodations, should submit a request to the Contact Person listed on this notice at least seven days prior to the meeting.

Information about the IPRCC and the Federal Pain Research Strategy is available on the Web site at <https://iprcc.nih.gov/>.

Dated: May 3, 2017.

Walter J. Koroshetz,

Director, National Institute of Neurological Disorders and Stroke, National Institutes of Health.

[FR Doc. 2017-09860 Filed 5-15-17; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Cancer Institute; Notice of Charter Renewal

In accordance with Title 41 of the U.S. Code of Federal Regulations, Section 102-3.65(a), notice is hereby given that the Charter for the Frederick National Laboratory Advisory Committee to the National Cancer Institute (FNLAC) was renewed for an additional two-year period on March 30, 2017.

It is determined that the FNLAC is in the public interest in connection with the performance of duties imposed on the Department of Health and Human Services by law, and that these duties can best be performed through the advice and counsel of this group.

Inquiries may be directed to Jennifer Spaeth, Director, Office of Federal Advisory Committee Policy, Office of

the Director, National Institutes of Health, 6701 Democracy Boulevard, Suite 1000, Bethesda, Maryland 20892 (Mail code 4875), Telephone (301) 496-2123, or spaethj@od.nih.gov.

Dated: May 10, 2017.

Jennifer Spaeth,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 2017-09794 Filed 5-15-17; 8:45 am]

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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 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), 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 552(b)(4) and 552(b)(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: Oncology 2—Translational Clinical Integrated Review Group; Clinical Oncology Study Section.

Date: June 12, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Sheraton La Jolla Hotel, 3299 Holiday Court, La Jolla, CA 92037.

Contact Person: Malaya Chatterjee, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6192, MSC 7804, Bethesda, MD 20892, 301-806-2515, chatterm@csr.nih.gov.

Name of Committee: Biobehavioral and Behavioral Processes Integrated Review Group; Language and Communication Study Section.

Date: June 12-13, 2017.

Time: 8:00 a.m. to 2:00 p.m.

Agenda: To review and evaluate grant applications.

Place: The William F. Bolger Center, 9600 Newbridge Drive, Potomac, MD 20854.

Contact Person: Wind Cowles, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3172, Bethesda, MD 20892, 301-437-7872, cowleshw@csr.nih.gov.

Name of Committee: Brain Disorders and Clinical Neuroscience Integrated Review

Group; Aging Systems and Geriatrics Study Section.

Date: June 12-13, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Embassy Suites at the Chevy Chase Pavilion, 4300 Military Road NW., Washington, DC 20015.

Contact Person: Inese Z. Beitins, M.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6152, MSC 7892, Bethesda, MD 20892, 301-435-1034, beitinsi@csr.nih.gov.

Name of Committee: Healthcare Delivery and Methodologies Integrated Review Group; Community-Level Health Promotion Study Section.

Date: June 12-13, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Marriott Wardman Park Washington DC Hotel, 2660 Woodley Road NW., Washington, DC 20008.

Contact Person: Ping Wu, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3166, Bethesda, MD 20892, 301-451-8428, wup4@csr.nih.gov.

Name of Committee: Oncology 2—Translational Clinical Integrated Review Group; Basic Mechanisms of Cancer Therapeutics Study Section.

Date: June 12-13, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Ritz-Carlton Hotel, 1700 Tysons Boulevard, McLean, VA 22102.

Contact Person: Lambratu Rahman Sesay, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6214, MSC 7804, Bethesda, MD 20892, 301-451-3493, rahman-sesay@csr.nih.gov.

Name of Committee: Oncology 1—Basic Translational Integrated Review Group; Cancer Genetics Study Section.

Date: June 12-13, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Hilton Washington/Rockville, 1750 Rockville Pike, Rockville, MD 20852.

Contact Person: Juraj Bies, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4158, MSC 7806, Bethesda, MD 20892, 301-435-1256, biesj@mail.nih.gov.

Name of Committee: Oncology 2—Translational Clinical Integrated Review Group; Drug Discovery and Molecular Pharmacology Study Section.

Date: June 12-13, 2017.

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

Agenda: To review and evaluate grant applications.

Place: The Dupont Circle Hotel, 1500 New Hampshire Avenue NW., Washington, DC 20036.

Contact Person: Jeffrey Smiley, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of

Health, 6701 Rockledge Drive, Room 6194, MSC 7804, Bethesda, MD 20892, 301-594-7945, smilejja@csr.nih.gov.

Name of Committee: Musculoskeletal, Oral and Skin Sciences Integrated Review Group; Arthritis, Connective Tissue and Skin Study Section.

Date: June 12–13, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Hilton Long Beach and Executive Center, 701 West Ocean Boulevard, Long Beach, CA 90831.

Contact Person: Alexey Belkin, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4102, Bethesda, MD 20817, 301-435-1786, alexey.belkin@nih.gov.

Name of Committee: Infectious Diseases and Microbiology Integrated Review Group; Clinical Research and Field Studies of Infectious Diseases Study Section.

Date: June 12–13, 2017.

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

Agenda: To review and evaluate grant applications.

Place: Cambria Hotel and Suites, 1 Helen Heneghan Way, Rockville, MD 20850.

Contact Person: Soheyla Saadi, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3211, MSC 7808, Bethesda, MD 20892, 301-435-0903, saadisoh@csr.nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.306, Comparative Medicine; 93.333, Clinical Research, 93.306, 93.333, 93.337, 93.393–93.396, 93.837–93.844, 93.846–93.878, 93.892, 93.893, National Institutes of Health, HHS)

Dated: May 10, 2017.

David Clary,

Program Analyst, Office of Federal Advisory Committee Policy.

[FR Doc. 2017-09780 Filed 5-15-17; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Government-Owned Invention; Availability for Licensing

AGENCY: National Institutes of Health, HHS.

ACTION: Notice.

SUMMARY: The inventions listed below are owned by an agency of the U.S. Government.

FOR FURTHER INFORMATION CONTACT: Licensing information may be obtained by emailing the indicated licensing contact at the National Heart, Lung, and Blood, Office of Technology Transfer and Development Office of Technology Transfer, 31 Center Drive Room 4A29,

MSC 2479, Bethesda, MD 20892-2479; telephone: 301-402-5579. A signed Confidential Disclosure Agreement may be required to receive any unpublished information.

SUPPLEMENTARY INFORMATION: The following inventions are available for licensing in accordance with 35 U.S.C. 209 and 37 CFR part 404 to achieve expeditious commercialization of results of federally-funded research and development. Technology description follows.

Efficient mRNA-Based Genetic Engineering of Human NK Cells With High-Affinity CD16 and CCR7

Description of Technology: A highly efficient method to genetically modify natural killer (NK) cells to induce expression of high affinity CD16 (HA-CD16) through mRNA electroporation, to potentiate NK cell-mediated antibody-dependent cellular cytotoxicity (ADCC). ADCC is mediated by CD16⁺ NK cells following adoptive NK cell transfer, but most humans express CD16 which has a relatively low affinity for IgG1 antibodies. However, a single nucleotide polymorphism (SNP rs396991) in the CD16 gene, resulting in an amino acid substitution at position 158 (F158V), is associated with substantially higher affinity and superior NK cell-mediated ADCC than those with the 158F genotype. This HA-CD16-158V polymorphism has also been linked to enhanced ADCC capacity in vivo. The nearly 100% efficiency of our method resulted in: (a) Sustained surface expression of transgenes at high levels for up to 4 days without compromising NK cell cytotoxicity and viability; and (b) augmented ADCC against Daratumumab coated multiple myeloma cells by ex vivo expanded NK cells electroporated with mRNA coding for HA-CD16. This system is GMP compliant and has been used previously in FDA approved clinical trials.

Potential Commercial Applications: Infusion of a large number of highly cytotoxic autologous ex vivo expanded NK cells expressing high-affinity CD16 into patients, to induce a more profound anti-malignancy response to specific monoclonal antibodies, including: multiple myeloma (Daratumumab); lymphoma (Rituximab); breast cancer (Trastuzumab); and colon cancer (Cetuximab).

Development Stage: Early-stage; In vitro data available.

Inventors: Richard W. Childs and Mattias Carlsten (NHLBI).

Publications:

(1) Carlsten M, Levy E, Karambelkar A, Li L, Reger R, Berg M, Peshwa MV and Childs RW (2016) Efficient mRNA-

Based Genetic Engineering of Human NK Cells with High-Affinity CD16 and CCR7 Augments Rituximab-Induced ADCC against Lymphoma and Targets NK Cell Migration toward the Lymph Node-Associated Chemokine CCL19. *Front. Immunol.* 7:105. doi: 10.3389/fimmu.2016.00105.

(2) Carlsten M and Childs RW (2015) Genetic manipulation of NK cells for cancer immunotherapy: techniques and clinical implications. *Front. Immunol.* 6:266. doi: 10.3389/fimmu.2015.00266.

Intellectual Property: NIH Reference No. E-036-2015/0,1—US Application No. 62/079,975, filed 14 Nov 2014; and PCT Application No. PCT/US2015/060646, filed 13 Nov 2015.

Licensing Contact: Cristina Thalhammer-Reyero, Ph.D., M.B.A.; 301-435-4507; thalhamc@mail.nih.gov.

Dated: May 4, 2017.

Cristina Thalhammer-Reyero,

Senior Licensing and Patenting Manager, Office of Technology Transfer and Development, National Heart, Lung, and Blood Institute.

[FR Doc. 2017-09791 Filed 5-15-17; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute on Minority Health and Health Disparities; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), 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 materials, 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 Minority Health and Health Disparities, Special Emphasis Panel; NIH Support for Conferences and Scientific Meeting—DRI (01).

Date: June 19, 2017.

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

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, Gateway Plaza, 533J, 7201 Wisconsin Avenue, Suite 533, Bethesda, MD 20814 (Teleconference).