

Time: 10:30 a.m. to 11:45 a.m.

Agenda: To review and evaluate grant applications.

Place: National Institute on Aging, Gateway Building, Suite 2W200, 7201 Wisconsin Avenue, Bethesda, MD 20892, (Telephone Conference Call).

Contact Person: Ramesh Vemuri, Ph.D., Chief, Scientific Review Branch, Scientific Review Branch, National Institute on Aging, National Institutes of Health, 7201 Wisconsin Avenue, Suite 2C-212, Bethesda, MD 20892, 301-402-7700, rv23r@nih.gov. (Catalogue of Federal Domestic Assistance Program Nos. 93.866, Aging Research, National Institutes of Health, HHS)

Dated: February 16, 2017.

Melanie J. Pantoja,

Program Analyst, Office of Federal Advisory Committee Policy.

[FR Doc. 2017-03446 Filed 2-21-17; 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 inventions listed below are owned by an agency of the U.S. Government and are 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 and copies of the patent applications listed below may be obtained by communicating with the indicated licensing contact at 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 A signed Confidential Disclosure Agreement will be required to receive copies of unpublished patent applications.

SUPPLEMENTARY INFORMATION:

Technology descriptions follow.

Inhibition of host heme oxygenase-1 as an adjunctive treatment to improve the outcome of conventional antibiotic chemotherapy of *Mycobacterium tuberculosis* (Mtb) infection.

Description of Technology

This invention describes the adjunctive use of heme oxygenase-1

(HO-1) inhibitors to improve the outcome of conventional antibiotic treatment for tuberculosis. The existent standard of care requires prolonged administration of drug. Due to the long duration of treatment, methods that can more rapidly control tuberculosis in patients are clearly needed.

NIAID researchers have discovered that inhibition of host HO-1 reduces *Mycobacterium tuberculosis* (Mtb) growth *in vivo* and, more importantly, when used as an adjunct to conventional chemotherapy, results in a marked improvement in pulmonary bacterial control. In particular, it was found using a mouse model that HO-1 inhibitors enhance bacterial clearance when used in conjunction with conventional antibiotic therapy. Further, no obvious toxic side effects were found. Since this host-directed strategy does not directly target the pathogen itself, it may have an added advantage as a treatment for infections with antibiotic-resistant Mtb strains.

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:

- Therapeutic for Mtb.

Competitive Advantages:

- Innovative, more rapidly effective therapeutics for tuberculosis are sorely needed due to the continued importance of TB as a global infectious disease and the increasing emergence of multi-drug resistant strains.

- This invention is a host-directed therapy.

Development Stage: Pre-Clinical.

Inventors:

F. Alan Sher, NIAID, NIH
Diego L. Costa, NIAID, NIH
Bruno B. Andrade, NIAID, NIH

Publications: Costa, Diego L., et al. "Pharmacological Inhibition of Host Heme Oxygenase-1 Suppresses *Mycobacterium tuberculosis* Infection *In Vivo* by a Mechanism Dependent on T Lymphocytes." *mBio* 7.5 (2016): e01675-16.

Intellectual Property: HHS Reference No. E-174-2016/0—U.S. Patent Application No. 62/357,558, filed 07/01/2016.

Licensing Contact: James M. Robinson; James.Robinson4@nih.gov; 301-761-7542.

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 evaluate HO-1 inhibitors in

treating human tuberculosis. For collaboration opportunities, please contact James M. Robinson; James.Robinson4@nih.gov; 301-761-7542.

Dated: February 16, 2017.

Suzanne Frisbie,

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

[FR Doc. 2017-03451 Filed 2-21-17; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Cancer Institute; 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 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 Cancer Institute Special Emphasis Panel; Radiotherapy in Combination with Systemic Agents.

Date: March 20, 2017.

Time: 12:00 p.m. to 5:00 p.m.

Agenda: To review and evaluate grant applications.

Place: National Cancer Institute Shady Grove, 9609 Medical Center Drive, Room 7W234, Rockville, MD 20850 (Telephone Conference Call).

Contact Person: Adriana Stoica, Ph.D., Scientific Review Officer, Resources and Training Review Branch, Division of Extramural Activities, National Cancer Institute, NIH, 9609 Medical Center Drive, Room 7W234, Bethesda, MD 20892-9750, 240-276-6368, Stoica2@mail.nih.gov.

Name of Committee: National Cancer Institute Special Emphasis Panel; NCI Provocative Questions 12.

Date: March 23, 2017.

Time: 1:00 p.m. to 3:00 p.m.

Agenda: To review and evaluate grant applications.

Place: National Cancer Institute Shady Grove, 9609 Medical Center Drive, Room 7W030, Rockville, MD 20850 (Telephone Conference Call).

Contact Person: Jennifer C. Schiltz, Ph.D., Scientific Review Officer, Special Review Branch, Division of Extramural Activities,