DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Mental Health; 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: National Institute of Mental Health Special Emphasis Panel

Date: November 1, 2018.

Contact Person: Jennifer M. Guimond, Project Clearance Liaison, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health.

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Name of Committee: National Institute of Mental Health Special Emphasis Panel

Date: November 5, 2018.

Contact Person: Melanie J. Pantoja, Program Analyst, Office of Federal Advisory Committee Policy.

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:
James M. Robinson, 301–761–7542; James.Robinson4@nih.gov. Licensing information and copies of the patent application 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 A signed Confidential Disclosure Agreement will be required to receive copies of unpublished patent applications.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 description follows.

Methods for diagnosing and treating Mycobacterium tuberculosis (Mtb) infection through detection of CD153 expression level.

Description of Technology: Mycobacterium tuberculosis (Mtb) infection continues to be the leading cause of death due to a single infectious agent and poses significant global health challenges. Past research has shown that CD4 T cells are essential for resistance to Mtb infection, and for decades it has been thought that IFN(γ) production is the primary mechanism of CD4 T cell-mediated protection.

NIAID researchers have discovered that the expression of TNF superfamily molecule CD153 (TNFSF8) is required for control of the pulmonary Mtb infection by CD4 T cells. The results have shown that, in Mtb infected mice, CD153 expression is highest on Ag-specific Th1 cells in the lung tissue parenchyma. On the contrary, CD153 deficient mice have developed high pulmonary bacterial loads and succumb early to Mtb infection. In Mtb infected non-human primates, CD153 expression is much higher on Ag-specific CD4 T cells in the...