(Catalogue of Federal Domestic Assistance Program No. 93.242, Mental Health Research Grants, National Institutes of Health, HHS)

Dated: August 14, 2017.

Melanie J. Pantoja,

Program Analyst, Office of Federal Advisory Committee Policy.

[FR Doc. 2017–17430 Filed 8–17–17; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute on Alcohol Abuse and Alcoholism; 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 on Alcohol Abuse and Alcoholism Initial Review Group Epidemiology, Prevention and Behavior Research Review Subcommittee.

Date: October 23, 2017.

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

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, Terrace Level Conference Rooms, 5635 Fishers Lane, Rockville, MD 20852.

Contact Person: Anna Ghambaryan, M.D., Ph.D., Scientific Review Officer, Extramural Project Review Branch, Office of Extramural Activities, National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health, 5635 Fishers Lane, Room 2019, Rockville, MD 20852, 301–443–4032, *anna.ghambaryan@nih.gov.*

Name of Committee: National Institute on Alcohol Abuse and Alcoholism Initial Review Group Clinical, Treatment and Health Services Research Review Subcommittee.

Date: November 1, 2017.

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

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, National Institute on Alcohol Abuse and Alcoholism, Terrace Level Conference Room 508, 5635 Fishers Lane, Rockville, MD 20852

Contact Person: Ranga V. Srinivas, Ph.D. Chief Extramural Project Review, Branch National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health, 5365 Fishers Lane, Room 2085, Rockville, MD 20852, (301) 451–2067 *srinivar@mail.nih.gov.*

(Catalogue of Federal Domestic Assistance Program Nos. 93.271, Alcohol Research Career Development Awards for Scientists and Clinicians; 93.272, Alcohol National Research Service Awards for Research Training; 93.273, Alcohol Research Programs; 93.891, Alcohol Research Center Grants; 93.701, ARRA Related Biomedical Research and Research Support Awards., National Institutes of Health, HHS)

Dated: August 14, 2017.

Melanie J. Pantoja,

Program Analyst, Office of Federal Advisory Committee Policy.

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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 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: Peter Soukas, J.D., (301) 594–8730; *peter.soukas@nih.gov.* 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 description follows.

Development of a Transferrable Norwalk Virus Epitope and Detector Monoclonal Antibody

Description of Technology

Noroviruses are now recognized as the major cause of non-bacterial gastroenteritis in all age groups, and efforts are underway to develop an effective vaccine. The lack of a robust cell culture system for human noroviruses has complicated vaccine development. Hence, norovirus virus like particles (VLPs) have played an important role in the understanding of virus structure, immune response, antigenic diversity, and vaccine design. The development of monoclonal antibodies (MAbs) against norovirus VLPs has allowed the identification and characterization of key antigenic sites of the virus capsid and facilitated the development of diagnostic assays. During characterization of a panel of MAbs raised against Norwalk virus (NV), a prototype norovirus strain, the inventors identified a monoclonal antibody (MAbNV10) that proved useful in the identification of NV in tissue and in the characterization of an insertion site in the feline calicivirus (FCV) genome. The inventors mapped the precise binding site of the MAb by peptide screening and discovered that the epitope could be expressed when fused to other proteins. The sequence of this peptide (epitope) along with the detector antibody could be used as a new way to tag proteins for functional studies. The small size of the linear epitope, along with the strong avidity of the detector monoclonal antibody makes this system especially useful for many techniques, including immunofluorescence, Western blot, immunoprecipitation (including ''pulldown'' assays), and immunohistochemistry. The inventors' epitope system may be comparable to that of the HA tag of influenza virus that is widely used in molecular biology.

This technology is further described in Parra et al., ''Mapping and modeling of a strain-specific epitope in the Norwalk virus capsid inner shell,'' *Virology.* 2016 May;492:232–41. doi: 10.1016/j.virol.2016.02.019. Epub 2016 Mar 21.

Materials available for licensing comprise: (1) Hybridoma cell line NV10, (2) Plasmid expressing NV10 epitope as positive control, and (3) Plasmid expressing the NV10 scFV.

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

- Diagnostics
- Vaccines

Competitive Advantages

- Cross-reactive norovirus antibody