

treatment of various human cancers expressing 5T4.

Competitive Advantages:

- The fully human antibodies may have better drugability, especially less immunogenicity and better safety.

- This antibodies could be used as naked mAbs, CARs and/or as ADCs.

- The confined expression of 5T4 makes it an attractive target for cancer immunotherapy.

- 5T4 mAbs could be used to treat several solid tumor cancers.

Development Stage: In vitro data available

Inventors: Dimiter Dimitrov, Tianlei Ying, Yang Feng (all of NCI)

Intellectual Property: HHS Reference No. E-158-2014/0—U.S. Provisional Application No. 62/034,995 filed 08 August 2014

Licensing Contact: Whitney Hastings; 301-451-7337; hastingsw@mail.nih.gov

Quantitative Multiplex Methods for Rapid Detection and Identification of Viral Nucleic Acids

Description of Technology: The subject technologies are quantitative multiplex loop mediated isothermal amplification assays that can detect and distinguish different viral pathogens, including HIV, Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Hepatitis E Virus (HEV), Dengue Virus (DENV), Chikungunya virus (CHIKV) and West Nile Virus (WNV). The assay has the advantage of distinguishing between different genotypes of HCV. It has the potential to detect other pathogens. A quantitative multiplex variation of the assay can detect and identify all seven viruses using one reaction mixture. The detection-reaction is performed on a simple heat-source and viral quantitation can be measured using a simple fluorospectrophotometer. The entire detection process using these assays can be accomplished within 30 to 60 minutes in a doctor's office, laboratory setting, or in the field. Detection limits of as little as 1–10 International Units (viral copies) are possible with the use of fluorogenic oligonucleotides. The assays demonstrate very high specificity when tested with human clinical samples.

Potential Commercial Applications: Detection assays for viral pathogens such as HIV, HBV, HCV, HEV, Dengue Virus, Chikungunya, and West Nile Virus.

Competitive Advantages:

- Assays can be completed within 30 to 60 minutes and in a doctor's office, laboratory setting, or in the field.

- Assays can be performed without expensive instrumentation or specialized technical operators.

- Assays are highly specific and can distinguish between different viruses and between different genotypes of viruses.

Development Stage:

- Early-stage

- In vitro data available

- In vivo data available (human)

Inventors: Dougbeh-Chris Nyan (FDA), Deborah R. Taylor (FDA), Maria Rios (FDA), Kevin L. Swinson (Morgan State University), Laura E. Ulitzky (FDA)

Publication: Nyan DC, et al. Rapid Detection of Hepatitis B Virus in Blood Plasma by a Specific and Sensitive Loop-Mediated Isothermal Amplification Assay. *Clin Infect Dis.* 2014 July 1;59(1):16–23. [PMID 24704724]

Intellectual Property: HHS Reference No. E-135-2014/0—US Provisional Patent Application No. 61/979,446 filed 14 April 2014

Licensing Contact: Kevin W. Chang, Ph.D.; 301-435-5018; changke@mail.nih.gov

Collaborative Research Opportunity: The Food and Drug Administration, Center for Biologics Evaluation and Research, is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize blood screening test and/or diagnostic test for infectious diseases. For collaboration opportunities, please contact Nisha Narayan at Nisha.Narayan@fda.hhs.gov or 240-402-9770.

Dated: October 8, 2014.

Richard U. Rodriguez,

Director, Division of Technology Development and Transfer, Office of Technology Transfer, National Institutes of Health.

[FR Doc. 2014-24403 Filed 10-14-14; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Center for Scientific Review; Amended Notice of Meeting

Notice is hereby given of a change in the meeting of the Center for Scientific Review Special Emphasis Panel, October 27, 2014, 07:30 a.m. to October 28, 2014, 06:00 p.m., Doubletree Guest Suites Santa Monica, 1707 Fourth Street, Santa Monica, CA, 90401 which was published in the **Federal Register** on October 06, 2014, 79 FR 60175.

The meeting will start on October 27, 2014. The meeting time and location remains the same.

The meeting is closed to the public.

Dated: October 7, 2014.

Michelle Trout,

Program Analyst, Office of Federal Advisory Committee Policy.

[FR Doc. 2014-24380 Filed 10-14-14; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Library of Medicine; Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App), notice is hereby given of meetings of the Board of Regents of the National Library of Medicine.

The meeting will be open to the public as indicated below, with attendance limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should notify the Contact Person listed below in advance of the 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: Board of Regents of the National Library of Medicine; Extramural Programs Subcommittee.

Date: February 10, 2015.

Closed: 7:45 a.m. to 8:45 a.m.

Agenda: To review and evaluate grant applications.

Place: National Library of Medicine, Building 38, Billings Conference Room, 8600 Rockville Pike, Bethesda, MD 20892.

Contact Person: Donald A.B. Lindberg, MD, Director, National Library of Medicine, 8600 Rockville Pike, Bethesda, MD 20892, 301-496-6221, lindberg@mail.nih.gov.

Name of Committee: Board of Regents of the National Library of Medicine; Subcommittee on Outreach and Public Information.

Date: February 10, 2015.

Open: 7:45 a.m. to 8:45 a.m.

Agenda: To review and discuss outreach activities.

Place: National Library of Medicine, Building 38, 2nd Floor, Conference Room B, 8600 Rockville Pike, Bethesda, MD 20892.