

Government and are available for licensing in the U.S.

**FOR FURTHER INFORMATION CONTACT:**

Licensing information and copies of the patent applications listed below 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, MSC2479, Bethesda, MD 20892-2479; telephone: 301-402-5579. A signed Confidential Disclosure Agreement may be required to receive copies of the patent applications.

**SUPPLEMENTARY INFORMATION:** This notice is in accordance with 35 U.S.C. 209 and 37 CFR part 404 to achieve 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. A description of the technology follows.

**Chimeric Antibodies Against Hepatitis B e-Antigen**

*Description of Technology:* The invention relates to recombinant chimeric rabbit/human monoclonal antibody fragments (Fabs) against hepatitis B Virus e-antigen (HBeAg), notably Fab me6. Viral hepatitis is the seventh leading cause of death worldwide. Hepatitis B core antigen (HBcAg) forms an icosahedral structure containing the viral genome. Both the HBcAg and the HBeAg of interest here are expressed by two different start codons of the viral C gene. Unlike the related HBcAg which activates type 1 T helper (Th1) cells leading to immune attack, the HBeAg activates Th2 cells which promote immune tolerance. The long-term persistence of HBeAg is associated with the development of hepatocellular carcinoma. Conversely, HBeAg seroconversion (from HBeAg carrier to anti-HBeAg carrier) is a marker for successful therapy of chronically infected patients. The presently phage display engineered antibody Fab me6 shows higher sensitivity and selectivity against HBeAg compared to three commercial diagnostics kits tested; additionally, it also inhibits capsid assembly which is essential for viral replication; furthermore, it can also be fully humanized and has potential for anti-hepatitis B virus therapeutic interventions.

Potential Commercial Applications:

- Hepatitis B therapy.
- Hepatocellular carcinoma prophylaxis.

Development Stage:

- In vitro data available.

*Inventors:* Paul Winfield, Norman Watts, Alasdair Steven (all of NIAMS).

*Intellectual Property:* HHS Reference No. E-192-2017/0-US-01.

- U.S. Provisional Patent Application 62/534,603 filed July 19, 2017.

*Licensing Contact:* Michael Shmilovich, Esq., CLP; 301-435-5019; [shmilovm@nih.gov](mailto:shmilovm@nih.gov).

*Collaborative Research Opportunity:* The National Institute of Environmental Health Sciences seeks statements of capability or interest from parties interested in collaborative research to further develop and evaluate, please contact Cecilia Pazman, Ph.D., Technology Development Specialist, Office of Technology Transfer, National Heart, Lung, and Blood Institute, Phone: (301) 594-4273; [pazmance@nhlbi.nih.gov](mailto:pazmance@nhlbi.nih.gov).

Dated: January 25, 2018.

**Michael Shmilovich,**

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

[FR Doc. 2018-01928 Filed 1-30-18; 8:45 am]

**BILLING CODE 4140-01-P**

**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 Skeletal Biology Development and Disease Study Section, February 8, 2018, 8:00 a.m. to February 9, 2018, 3:00 p.m., Westin Baltimore Washington Airport, 1100 Old Elkridge Landing Road, Linthicum Heights, MD, 21090 which was published in the **Federal Register** on January 5, 2018, 83 FR PG 683. The meeting will be held on February 7, 2018 at 3:00 p.m. and end February 8, 2018 at 9:00 p.m. The meeting location remains the same. The meeting is closed to the public.

Dated: January 25, 2018.

**Melanie J. Pantoja,**

*Program Analyst, Office of Federal Advisory Committee Policy.*

[FR Doc. 2018-01821 Filed 1-30-18; 8:45 am]

**BILLING CODE 4140-01-P**

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**National Institutes of Health**

**National Heart, Lung, and Blood Institute; Notice of Closed Meeting**

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended, notice is hereby given of a meeting of the NHLBI Mentored Transition to Independence Review Committee.

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 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:* Heart, Lung, and Blood Initial Review Group; NHLBI Mentored Transition to Independence Review Committee.

*Date:* March 8-9, 2018.

*Time:* 8:00 a.m. to 1:00 p.m.

*Agenda:* To review and evaluate grant applications.

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

*Contact Person:* Giuseppe Pintucci, Ph.D., Scientific Review Officer, Office of Scientific Review/DERA, National Heart, Lung, and Blood Institute, 6701 Rockledge Drive, Room 7192, Bethesda, MD 20892, 301-435-0287, [Pintuccig@nhlbi.nih.gov](mailto:Pintuccig@nhlbi.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.233, National Center for Sleep Disorders Research; 93.837, Heart and Vascular Diseases Research; 93.838, Lung Diseases Research; 93.839, Blood Diseases and Resources Research, National Institutes of Health, HHS)

Dated: January 26, 2018.

**Michelle Trout,**

*Program Analyst, Office of Federal Advisory Committee Policy.*

[FR Doc. 2018-01930 Filed 1-30-18; 8:45 am]

**BILLING CODE 4140-01-P**

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**National Institutes of Health**

**National Institute on Aging; Amended Notice of Meeting**

Notice is hereby given of a change in the meeting of the National Advisory Council on Aging, January 23, 2018, 3:00 p.m. to January 24, 2018, 2:00 p.m., National Institutes of Health, Building