

Rockledge Drive, Room 2200, MSC 7890, Bethesda, MD 20892, 301 435-2514, [riverase@csr.nih.gov](mailto:riverase@csr.nih.gov).

This notice is being published less than 15 days prior to the meeting due to the timing limitations imposed by the review and funding cycle.

(Catalogue of Federal Domestic Assistance Program Nos. 93.306, Comparative Medicine; 93.333, Clinical Research, 93.306, 93.333, 93.337, 93.393-93.396, 93.837-93.844, 93.846-93.878, 93.892, 93.893, National Institutes of Health, HHS)

Dated: July 2, 2015.

**Carolyn Baum,**

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

[FR Doc. 2015-16841 Filed 7-9-15; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Allergy and Infectious Diseases: Notice of Closed Meeting

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 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 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 Allergy and Infectious Diseases Special Emphasis Panel; Opportunities for Collaborative Research at the NIH Clinical Center (U01).

*Date:* August 14, 2015.

*Time:* 11:00 a.m. to 6:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Conference Room 3F100, 5601 Fishers Lane, Rockville, MD 20852, (Telephone Conference Call).

*Contact Person:* Brenda Lange-Gustafson, Ph.D., Scientific Review Officer, NIAID/NIH/DHHS, Scientific Review Program, 5601 Fishers Lane, Room 3G13 Rockville, MD 20852, 240-669-5047, [bgustafson@niaid.nih.gov](mailto:bgustafson@niaid.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.855, Allergy, Immunology, and Transplantation Research; 93.856, Microbiology and Infectious Diseases Research, National Institutes of Health, HHS)

Dated: July 7, 2015.

**David Clary,**

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

[FR Doc. 2015-16937 Filed 7-9-15; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Diabetes and Digestive and Kidney Diseases; Notice of Closed Meeting

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 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 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 Diabetes and Digestive and Kidney Diseases Special Emphasis Panel; Diabetes Ancillary Studies.

*Date:* July 29, 2015.

*Time:* 3:00 p.m. to 4:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Two Democracy Plaza, 6707 Democracy Boulevard, Bethesda, MD 20892 (Telephone Conference Call).

*Contact Person:* Carol J. Goter-Robinson, Ph.D., Scientific Review Officer, Review Branch, DEA, NIDDK, National Institutes of Health, Room 748, 6707 Democracy Boulevard, Bethesda, MD 20892-5452, (301) 594-7791, [goterrobinsonc@extra.nidDK.nih.gov](mailto:goterrobinsonc@extra.nidDK.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.847, Diabetes, Endocrinology and Metabolic Research; 93.848, Digestive Diseases and Nutrition Research; 93.849, Kidney Diseases, Urology and Hematology Research, National Institutes of Health, HHS)

Dated: July 6, 2015.

**David Clary,**

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

[FR Doc. 2015-16840 Filed 7-9-15; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Office of the Director; Notice of Charter Renewal

In accordance with Title 41 of the U.S. Code of Federal Regulations, section 102-3.65(a), notice is hereby given that the Charter for the Recombinant DNA Advisory Committee, National Institutes of Health, was renewed for an additional two-year period on June 30, 2015.

It is determined that the Recombinant DNA Advisory Committee, National Institutes of Health, is in the public interest in connection with the performance of duties imposed on the National Institutes of Health by law, and that these duties can best be performed through the advice and counsel of this group.

Inquiries may be directed to Jennifer Spaeth, Director, Office of Federal Advisory Committee Policy, Office of the Director, National Institutes of Health, 6701 Democracy Boulevard, Suite 1000, Bethesda, Maryland 20892 (Mail code 4875). Telephone (301) 496-2123, or [spaethj@od.nih.gov](mailto:spaethj@od.nih.gov).

Dated: July 6, 2015.

**Carolyn A. Baum,**

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

[FR Doc. 2015-16839 Filed 7-9-15; 8:45 am]

**BILLING CODE 4140-01-P**

## 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 in the U.S. in accordance with 35 U.S.C. 209 and 37 CFR part 404 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 U.S. patent applications listed below may be obtained by writing to the indicated licensing contact at the Office

of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, Rockville, Maryland 20852-3804; telephone: 301-496-7057; fax: 301-402-0220. A signed Confidential Disclosure Agreement will be required to receive copies of the patent applications.

**SUPPLEMENTARY INFORMATION:**  
Technology descriptions follow.

#### **Method of Treating Fumarate Hydratase-Deficient Kidney Cancer**

*Description of Technology:* Patients having germline fumarate hydratase ("FH") gene mutation are predisposed to develop aggressive kidney cancer with few treatment options and poor therapeutic outcomes. NCI scientists have identified a tyrosine kinase inhibitor vandetanib that is highly cytotoxic to kidney cancer cells both in vitro and in vivo. C-Abl activity is upregulated in FH-deficient kidney tumors and vandetanib efficacy is a direct consequence of c-Abl inhibition. It was also found that combining metformin enhanced the cytotoxic effect of vandetanib by inhibiting NRF2 transcriptional activity in a SIRT1-dependent manner. Thus dual inhibition of c-Abl and NRF2 activity with vandetanib and metformin is a novel therapeutic approach to target glycolytically dependent, oxidatively stressed tumors.

*Potential Commercial Applications:* Therapies for treating FH-deficient kidney cancer and glycolytically dependent, oxidatively stressed tumors.

#### *Competitive Advantages:*

- Specificity of mode of action may reduce potential side-effects.
- Novel mode of action may increase market competition.
- No effective therapy is currently available for patients with advanced FH-deficient kidney cancer.

#### *Development Stage:*

- In vitro data available.
- In vivo data available (animal).

*Inventors:* William Marston Linehan (NCI), et al.

*Publication:* Sourbier C, et al.

Targeting ABL1-mediated oxidative stress adaptation in fumarate hydratase-deficient cancer. *Cancer Cell*. 2014 Dec 8;26(6):840-50. [PMID 25490448]

*Intellectual Property:* HHS Reference No. E-104-2014/0—

- US Patent Application No. 62/003,319 filed May 27, 2014.
- PCT/US2015/03267 filed May 27, 2015.

*Licensing Contact:* Whitney Hastings, Ph.D.; 301-451-7337; [hastingsw@mail.nih.gov](mailto:hastingsw@mail.nih.gov).

*Collaborative Research Opportunity:* The National Cancer Institute is seeking

statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize the combination of Vandetanib and Metformin to treat fumarate hydratase-deficient cancer. For collaboration opportunities, please contact Michael Pollack, Ph.D. at [pollackm@mail.nih.gov](mailto:pollackm@mail.nih.gov).

#### **Therapeutic and Prophylactic Anti-Influenza Virus Neuraminidase 1 (N1) Antibody (CD6) With a Novel Epitope That Spans Neuraminidase (NA) Dimers**

*Description of Technology:* Influenza virus neuraminidase (NA) protein is a surface protein that plays an essential role in virus replication. Drugs and antibodies that block NA function can reduce both the symptoms and the length of illness; however, variants of influenza virus are resistant to NA inhibitors. The neuraminidase 1 (N1) subtype of NA is important because it is found in the two pandemic H1N1 influenza virus strains (1918 Spanish flu and 2009 swine flu) and the H5N1 avian influenza virus. Anti-neuraminidase antibody CD6 is a novel antibody that spans a conserved 30 amino acid epitope across the lateral face of a neuraminidase (NA) dimer.

The subject technology may offer an alternative to therapeutic NA inhibitors currently available. CD6 is a potent monoclonal antibody against N1 subtypes of NA that inhibits the enzymatic activity of the NA protein, including NA variants resistant to NA inhibitors. In a murine model of infection, a single dose of antibody was protective against lethal challenge with H1N1 influenza virus. The CD6 antibody can potentially be used in combination with other antibodies in an antibody "cocktail" or in conjunction with other therapeutic agents. Additionally, this unique anti-NA antibody may be useful in combination with known neutralizing anti-hemagglutinin (HA) antibodies.

#### *Potential Commercial Applications:*

- Prophylactic and therapeutic against influenza virus infections.
- Diagnostic tests for influenza virus infections.
- Reagent to measure the potency of H1N1 NA in influenza virus vaccines.

#### *Competitive Advantages:*

- Monoclonal antibody demonstrated to be effective against circulating H1N1 influenza viruses.
- Monoclonal antibody binds a novel, conserved epitope spanning NA dimers.
- Monoclonal antibody is well-suited for an antibody cocktail that includes anti-HA antibodies.

#### *Development Stage:*

- Early-stage.

- In vitro data available.
- In vivo data available (animal).

*Inventors:* Hongquan Wan (FDA), Maryna Eichelberger (FDA), Hua Yang (CDC), James Stevens (CDC), David Shore (CDC), Rebecca Garten (CDC).

*Publication:* Wan H, et al. Structural characterization of a protective epitope spanning A(H1N1)pdm09 influenza virus neuraminidase monomers. *Nat Commun*. 2015 Feb 10;6:6114. [PMID 25668439].

*Intellectual Property:* HHS Reference No. E-005-2015/0—US Provisional Patent Application No. 62/088,388 filed December 5, 2014.

*Licensing Contact:* Steven M. Ferguson; 301-435-5561; [fergusos@mail.nih.gov](mailto:fergusos@mail.nih.gov).

*Collaborative Research Opportunity:* The U.S. Food and Drug Administration is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize this technology. For collaboration opportunities, please contact Bill Ronnenberg at [william.ronnenberg@fda.hhs.gov](mailto:william.ronnenberg@fda.hhs.gov) or 240-402-4561.

#### **Confocal Laser Device and Method for Evaluating the Optical Properties of Intraocular Lenses (IOLs) Including Toric IOLs**

*Description of Technology:* This innovative technology includes a confocal laser device and methodologies to evaluate the optical properties of spherical and toric Intraocular Lenses (IOLs). Spherical and toric IOLs are implanted in the eye to treat cataracts and other conditions in order to correct vision after surgery. Toric IOLs, in addition to correcting spherical aberrations of the eye, correct asymmetrical aberrations of the eye such as astigmatism.

This technology includes the confocal laser device and methodology for assessing spherical IOLs with an integrated component for assessing toric IOLs. The IOL market is growing steadily and IOL technology is continually improving to correct complex vision errors. It is estimated that 3 million IOLs are implanted annually in the U.S. and 19.7 million worldwide. This device can be used to precisely assess IOL key properties such as dioptric power, cylinder power, optical plane orthogonality and IOL markings used for IOL positioning in the eye during surgery. Thus, this new technology provides a simple, noninvasive, accurate and objective methodology to evaluate IOL characteristics with higher accuracy and repeatability in wider power ranges compared to the conventional test

methods. These IOL test capabilities can improve the safety and efficacy of IOL implants and ultimately lead to better cataract surgery success rates.

**Potential Commercial Applications:**

- Development and implementation of novel test devices and independent methodologies for precise evaluation and validation of critical IOL characteristics.

- Development and evaluation of novel IOL designs.

**Competitive Advantages:**

- Higher accuracy.
- Higher repeatability.
- Larger range of positive and negative IOL dioptric power measurement.

**Development Stage:**

- In vitro data available.
- In situ data available (on-site).
- Prototype.

**Inventors:** Ilko Ilev, Bennett Walker, Robert James, and Don Calogero (all of the FDA).

**Publications:**

1. Walker BN, et al. Assessing the effect of laser beam width on quantitative evaluation of optical properties of intraocular lens implants. *J Biomed Opt.* 2014 May;19(5):055004. [PMID 24817618]

2. Walker BN, et al. Impact of environmental temperature on optical power properties of intraocular lenses. *Appl Opt.* 2014 Jan 20;53(3):453–7. [PMID 24514132]

3. Hoffer KJ, et al. Testing the dioptric power accuracy of exact-power-labeled intraocular lenses. *J Cataract Refract Surg.* 2009 Nov;35(11):1995–9. [PMID 19878834]

4. Ilev IK. A simple confocal fibre-optic laser method for intraocular lens power measurement. *Eye (Lond).* 2007 Jun;21(6):819–23. [PMID 16710435]

**Intellectual Property:**

- HHS Reference No. E-047-2015/0—US Provisional Application No. 62/108,795 filed January 28, 2015.
- HHS Reference No. E-038-2005/0—US Patent No. 8,456,738 issued June 4, 2013; EP Application 06750250.0.
- HHS Reference No. E-039-2005/0—US Patent No. 7,719,668 issued May 18, 2010; EP Application 06736741.7.

**Licensing Contact:** Steven M. Ferguson; 301-435-5561; [fergusos@mail.nih.gov](mailto:fergusos@mail.nih.gov)

**Collaborative Research Opportunity:** The Food and Drug Administration is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize this technology. For collaboration opportunities, please contact Bill Ronnenberg at [william.ronnenberg@fda.hhs.gov](mailto:william.ronnenberg@fda.hhs.gov) or 240-402-4561.

Dated: July 6, 2015.

**Richard U. Rodriguez,**

*Acting Director, Office of Technology Transfer, National Institutes of Health.*

[FR Doc. 2015-16838 Filed 7-9-15; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Center for Scientific Review; 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:** Center for Scientific Review Special Emphasis Panel; RFA-EB-15-003; Pediatric Research using Integrated Sensor Monitoring Systems (PRISMS); Informatics Platform Technologies for Asthma (U54).

**Date:** July 23, 2015.

**Time:** 9:00 a.m. to 5:00 p.m.

**Agenda:** To review and evaluate grant applications.

**Place:** National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892.

**Contact Person:** Peter J Kozel, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3139, Bethesda, MD 20892, 301-435-1116, [kozelp@mail.nih.gov](mailto:kozelp@mail.nih.gov).

**Name of Committee:** Center for Scientific Review Special Emphasis Panel; Member Conflict: Cardiovascular Sciences.

**Date:** July 28–30, 2015.

**Time:** 8:00 a.m. to 4:30 p.m.

**Agenda:** To review and evaluate grant applications.

**Place:** National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892, (Virtual Meeting).

**Contact Person:** Kimm Hamann, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4118A, MSC 7814, Bethesda, MD 20892, 301-435-5575, [hamannkj@csr.nih.gov](mailto:hamannkj@csr.nih.gov).

**Name of Committee:** Center for Scientific Review Special Emphasis Panel; Implementation Science.

**Date:** July 31, 2015.

**Time:** 12:30 p.m. to 4:00 p.m.

**Agenda:** To review and evaluate grant applications.

**Place:** National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892, (Telephone Conference Call).

**Contact Person:** Jose H Guerrier, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5218, MSC 7852, Bethesda, MD 20892, 301-435-1137, [guerriej@csr.nih.gov](mailto:guerriej@csr.nih.gov).

**Name of Committee:** Center for Scientific Review Special Emphasis Panel; Neuropharmacology.

**Date:** August 3, 2015.

**Time:** 2:00 p.m. to 4:30 p.m.

**Agenda:** To review and evaluate grant applications.

**Place:** National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892, (Telephone Conference Call).

**Contact Person:** Richard D Crosland, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4190, MSC 7850, Bethesda, MD 20892, 301-435-1220, [crosland@nih.gov](mailto:crosland@nih.gov).

**Name of Committee:** Center for Scientific Review Special Emphasis Panel; Member Conflict: AIDS and AIDS Related Research.

**Date:** August 4–5, 2015.

**Time:** 10:00 a.m. to 5:00 p.m.

**Agenda:** To review and evaluate grant applications.

**Place:** National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892, (Virtual Meeting).

**Contact Person:** Kenneth A Roebuck, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5106, MSC 7852, Bethesda, MD 20892, (301) 435-1166, [roebuckk@csr.nih.gov](mailto:roebuckk@csr.nih.gov).

**Name of Committee:** Center for Scientific Review Special Emphasis Panel; RFA-EB-15-002; PRISMS Sensor Development Projects for Pediatric Asthma (U01).

**Date:** August 6, 2015.

**Time:** 10:00 a.m. to 6:00 p.m.

**Agenda:** To review and evaluate grant applications.

**Place:** National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892.

**Contact Person:** Kee Hyang Pyon, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5148, MSC 7806, Bethesda, MD 20892, [pyonkh2@csr.nih.gov](mailto:pyonkh2@csr.nih.gov).

**Name of Committee:** Center for Scientific Review Special Emphasis Panel; Member Conflict: Pregnancy and Neonatology.

**Date:** August 6, 2015.

**Time:** 2:00 p.m. to 5:00 p.m.

**Agenda:** To review and evaluate grant applications.

**Place:** National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892, (Telephone Conference Call).

**Contact Person:** Dianne Hardy, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 6175, MSC 7892, Bethesda, MD 20892, 301-435-1154, [dianne.hardy@nih.gov](mailto:dianne.hardy@nih.gov).