

- Provides way of classifying and understanding various neurological and neuropsychiatric conditions according to conduction delays.

*Development Stage:*

- Prototype
- Clinical
- In vivo data available (animal)
- In vivo data available (human)

*Inventor:* Peter J. Bassar (NICHD)

*Publications:*

1. Assaf Y, et al. Ax-Caliber: a method for measuring axon diameter distribution from diffusion MRI. *Magn Reson Med*. 2008 Jun;59(6):1347–54. [PMID 18506799]

2. Barazany D, et al. In vivo measurement of axon diameter distribution in the corpus callosum of rat brain. *Brain* 2009 May;132(Pt 5):1210–20. [PMID 19403788]

*Intellectual Property:* HHS Reference No. E–226–2010/0—U.S. Provisional Application No. 61/535,851 filed 16 Sep 2011

*Related Technology:* HHS Reference No. E–079–2003/1—U.S. Patent Application No. 12/114,713 filed 02 May 2008

*Licensing Contact:* John Stansberry, Ph.D.; 301–435–5236; [stansbej@mail.nih.gov](mailto:stansbej@mail.nih.gov).

*Collaborative Research Opportunity:* The NICHD is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize methods to estimate conduction time of nerve impulses in brain. For collaboration opportunities, please contact Charlotte McGuinness at [m McGuinness@mail.nih.gov](mailto:m McGuinness@mail.nih.gov).

### Simple, Quantitative Sensitive High-Throughput Antibody Detection for Lyme Disease

*Description of Technology:* This technology is for compositions and methods for diagnosis of Lyme disease. Currently, Lyme disease is diagnosed by clinical exam and a history of exposure to endemic regions. Although, laboratory tests may aid diagnosis, the best tests currently available are slow and labor intensive and require understanding of the test, and infection stage. A two-step antibody based test process is currently the recommended laboratory test. The first step is either an enzyme immunoassay (EIA), or an indirect immunofluorescence assay (IFA). If the first step is positive, a “Western blot” test is then performed. Because early intervention is critical to prevent neurological, rheumatological and cardiac damage from advanced infection, more sensitive, specific, simpler, high-throughput format laboratory diagnostics are needed. This

technology uses a novel synthetic gene (VOVO) in a highly sensitive, specific and high-throughput Luciferase Immunoprecipitation Systems (LIPS) format. LIPS screening using VOVO offers an efficient and qualitative approach for serological screening of antibodies in Lyme disease in human and veterinary applications.

*Potential Commercial Applications:* Diagnostic for Lyme disease in human and veterinary applications.

*Competitive Advantages:* Higher efficiencies, High-throughput Format Qualitative

*Development Stage:*

- Early-stage
- Pre-clinical

*Inventors:* Peter D. Burbelo (NIDCR), Michael J. Iadarola (NIDCR), Adriana Marques (NIAID)

*Publication:* Burbelo PD, et al. Simple, quantitative, and highly sensitive antibody detection for Lyme disease. *Clin Vaccine Immunol*. 2010 Jun;17(6):904–9. [PMID: 20392886]

*Intellectual Property:* HHS Reference No. E–036–2010/1—PCT application PCT/US2011/027888 filed 10 Mar 2011

*Licensing Contact:* Tedd Fenn; 301–435–5031; [Tedd.Fenn@nih.gov](mailto:Tedd.Fenn@nih.gov)

*Collaborative Research Opportunity:* The NIDCR, Laboratory of Sensory Biology, Neurobiology and Pain Therapeutics Section, 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 David Bradley, Ph.D. at [bradleyda@nidcr.nih.gov](mailto:bradleyda@nidcr.nih.gov).

Dated: May 23, 2012.

**Richard U. Rodriguez,**

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

[FR Doc. 2012–13007 Filed 5–29–12; 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; Member Conflict: Neurodevelopment and Metabolism.

*Date:* June 14, 2012.

*Time:* 1:00 p.m. to 3:00 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:* Laurent Taupenot, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4811, MSC 7850, Bethesda, MD 20892, 301–435–1203, [taupenol@csr.nih.gov](mailto:taupenol@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Small Business Grant Applications: Immunology

*Date:* June 18, 2012.

*Time:* 8:00 a.m. to 6:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* The River Inn, 924 25th Street NW., Washington, DC 20037.

*Contact Person:* Stephen M. Nigida, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4212, MSC 7812, Bethesda, MD 20892, 301–435–1222, [nigidas@csr.nih.gov](mailto:nigidas@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; PAR 10–018: Accelerating the Pace of Drug Abuse Research Using Existing Epidemiology, Prevention, and Treatment Research Data.

*Date:* June 19, 2012.

*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:* George Vogler, Ph.D., Scientific Review Officer, PSE IRG, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3140, Bethesda, MD 20892, 301–435–0694, [voglergp@csr.nih.gov](mailto:voglergp@csr.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Member Conflict: Teen Relationship Violence.

*Date:* June 20, 2012.

*Time:* 2:00 p.m. to 3:00 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:* Monica Basco, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 3220, MSC 7808, Bethesda, MD 20892, 301–496–7010, [bascoma@mail.nih.gov](mailto:bascoma@mail.nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; Clinical and

**Integrative Cardiovascular Sciences Special Panel.**

*Date:* June 22, 2012.

*Time:* 11:00 a.m. to 12:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Doubletree Hotel Bethesda, (Formerly Holiday Inn Select), 8120 Wisconsin Avenue, Bethesda, MD 20814.

*Contact Person:* Lawrence E Boerboom, Ph.D., Chief, CVRS IRG, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 4130, MSC 7814, Bethesda, MD 20892, (301) 435-8367, [boerboom@nih.gov](mailto:boerboom@nih.gov).

*Name of Committee:* Center for Scientific Review Special Emphasis Panel; PA09-206: Advanced Tools and Technologies for Cerebrospinal Fluid Shunts.

*Date:* June 22, 2012.

*Time:* 5:00 p.m. to 5:30 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Radisson Salt Lake City Downtown, 215 West South Temple, Salt Lake City, UT 84101.

*Contact Person:* Keith Crutcher, Ph.D., Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5207, MSC 7846, Bethesda, MD 20892, 301-435-1278, [crutcherka@csr.nih.gov](mailto:crutcherka@csr.nih.gov).

(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: May 22, 2012.

**Jennifer S. Spaeth,**

*Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2012-13116 Filed 5-29-12; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Center for Complementary & Alternative Medicine; 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:* National Center for Complementary and Alternative Medicine Special Emphasis Panel; HCS Collaboratory Coordinating Center (U54).

*Date:* July 9, 2012.

*Time:* 1:00 p.m. to 5:00 p.m.

*Agenda:* To review and evaluate cooperative agreement applications.

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

*Contact Person:* Dale L. Birkle, Ph.D., Scientific Review Administrator, Office of Scientific Review, National Center for Complementary and Alternative Medicine, NIH, 6707 Democracy Blvd., Suite 401, Bethesda, MD 20892, (301) 451-6570, [birkled@mail.nih.gov](mailto:birkled@mail.nih.gov).

*Name of Committee:* National Center for Complementary and Alternative Medicine Special Emphasis Panel; HCS Collaboratory Pragmatic Trials (UH2/UH3).

*Date:* July 12, 2012.

*Time:* 8:00 a.m. to 7:00 p.m.

*Agenda:* To review and evaluate cooperative agreement applications.

*Place:* Bethesda North Marriott Hotel & Conference Center, 5701 Marinelli Road, Bethesda, MD 20852.

*Contact Person:* Dale L. Birkle, Ph.D., Scientific Review Administrator, Office of Scientific Review, National Center for Complementary and Alternative Medicine, NIH, 6707 Democracy Blvd., Suite 401, Bethesda, MD 20892, (301) 451-6570, [birkled@mail.nih.gov](mailto:birkled@mail.nih.gov).

(Catalogue of Federal Domestic Assistance Program Nos. 93.213, Research and Training in Complementary and Alternative Medicine, National Institutes of Health, HHS)

Dated: May 23, 2012.

**Jennifer S. Spaeth,**

*Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2012-13120 Filed 5-29-12; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of General Medical Sciences; 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 General Medical Sciences Special Emphasis Panel; NIGMS Trauma and Burn Research Centers.

*Date:* June 22, 2012.

*Time:* 1:00 p.m. to 4:00 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Natcher Building, 45 Center Drive, Room 3An18K, Bethesda, MD 20892 (Telephone Conference Call).

*Contact Person:* Brian R. Pike, Ph.D., Scientific Review Officer, Office of Scientific Review, National Institute of General Medical Sciences, National Institutes of Health, 45 Center Drive, Room 3An18, Bethesda, MD 20892, 301-594-3907, [pikbr@mail.nih.gov](mailto:pikbr@mail.nih.gov). (Catalogue of Federal Domestic Assistance Program Nos. 93.375, Minority Biomedical Research Support; 93.821, Cell Biology and Biophysics Research; 93.859, Pharmacology, Physiology, and Biological Chemistry Research; 93.862, Genetics and Developmental Biology Research; 93.88, Minority Access to Research Careers; 93.96, Special Minority Initiatives, National Institutes of Health, HHS).

Dated: May 22, 2012.

**Jennifer S. Spaeth,**

*Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2012-13122 Filed 5-29-12; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of General Medical Sciences; 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 General Medical Sciences Initial Review Group Biomedical Research and Research Training Review Subcommittee B.

*Date:* June 21, 2012.

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

*Agenda:* To review and evaluate grant applications.