

10. E Özarslan, CG Koay, PJ Bassar. Double-PFG diffusion-diffraction in ellipsoidal pores. In 9th International Bologna Conference on Magnetic Resonance in Porous Media 2008; p. 115.

Patent Status

U.S. Provisional Application No. 61/087,968 filed 11 Aug 2008 (HHS Reference No. E-276-2008/0-US-01).

Advantages

The three inventions described above and collectively offered for licensing offer a non-invasive, painless means for measurement quantities such as the axon diameter distribution (ADD) and significant improvements in sensitivity and robustness to existing MRI methods, in particular for imaging of the Central Nervous System, and for *in vivo* measurement of microanatomical (histological) features of nerves (and possibly muscles) that are critically important in medicine and in particular in neuroscience. Furthermore, ADD is altered in abnormal development (possibly even in autism), in degenerative process (*e.g.*, aging, alcoholism, Alzheimer's disease) and diseases such as ALS (Lou Gehrig's disease) and thus the improved sensitivities offered by the subject inventions is of utmost significance for public health.

Development Status

These inventions are fully developed.

Market

The market for MRI in human diagnostics is huge and rapidly growing. The race to improve the sensitivities of MRI measurement and to enhance the capabilities of measuring and examining fine structures in general, and in neuroscience in particular is of significant magnitude. The three inventions described above may collectively offer significant commercial opportunity to MRI companies.

The market for medical imaging equipment industry is approximately \$9.0 billion dollars now and has been growing by approximately 7.6% annually. MRI instrumentation constitutes a significant portion of this market.

Related Technology

U.S. Patent No. 5,539,310 issued 23 Jul 1996—"Method and System for Measuring the Diffusion Tensor and for Diffusion Tensor Imaging" (HHS Reference No. E-203-1993/0).

Licensing Status

Available for licensing.

Licensing Contacts

Uri Reichman, PhD, MBA; 301-435-4616; UR7a@nih.gov; John Stansberry, PhD; 301-435-5236; stansbej@mail.nih.gov.

Collaborative Research Opportunity

The Eunice Kennedy Shriver National Institute of Child Health and Human Development, Section on Tissue Biophysics and Biomimetics, is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate, or commercialize novel MRI methods to probe tissue structure and organization, particularly for neuroimaging applications. Please contact Alan Hubbs, PhD at 301-594-4263 or hubbsa@mail.nih.gov for more information.

Dated: April 7, 2009.

Richard U. Rodriguez,

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

[FR Doc. E9-8475 Filed 4-13-09; 8:45 am]

BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Neurological Disorders and Stroke; 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 Neurological Disorders and Stroke Special Emphasis Panel; Clinical Trials in Motor Neuron Disease.

Date: April 20, 2009.

Time: 2 p.m. to 4 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, 6101 Executive Boulevard, Rockville, MD 20852, (Telephone Conference Call)

Contact Person: Shanta Rajaram, PhD, Scientific Review Administrator, Scientific Review Branch, Division Of Extramural

Research, NINDS/NIH/DHHS/Neuroscience Center, 6001 Executive Blvd., Suite 3208, MSC9529, Bethesda, MD 20852, (301) 435-6033, rajarams@mail.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. 93.853, Clinical Research Related to Neurological Disorders; 93.854, Biological Basis Research in the Neurosciences, National Institutes of Health, HHS)

Dated: April 7, 2009.

Anna Snouffer,

Deputy Director, Office of Federal Advisory Committee Policy.

[FR Doc. E9-8471 Filed 4-13-09; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Eunice Kennedy Shriver National Institute of Child Health & Human Development; Notice of Meeting

Pursuant to section 10(a) 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 open to the public, 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.

Name of Committee: National Institute of Child Health and Human Development Special Emphasis Panel; "Comparative Evaluation of Assisted Reproductive Technologies and Birth Outcomes".

Date: May 6, 2009.

Time: 2 p.m. to 3 p.m.

Agenda: To provide concept review of proposed concept review.

Place: National Institutes of Health, 6100 Executive Boulevard, Room 5B01, Rockville, MD 20852 (Telephone Conference Call).

Contact Person: Sathasiva B. Kandasamy, PhD, Scientific Review Administrator, Division of Scientific Review, National Institute of Child Health and Human Development, 6100 Executive Boulevard, Room 5b01, Bethesda, MD 20892-9304, (301) 435-6680, skandasa@mail.nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.864, Population Research; 93.865, Research for Mothers and Children; 93.929, Center for Medical Rehabilitation Research; 93.209, Contraception and Infertility Loan Repayment Program, National Institutes of Health, HHS)

Dated: April 7, 2009.

Anna Snouffer,

Deputy Director, Office of Federal Advisory Committee Policy.

[FR Doc. E9-8479 Filed 4-13-09; 8:45 am]

BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Neurological Disorders and Stroke; 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 Institute of Neurological Disorders and Stroke Special Emphasis Panel; Aneurysm Trial.

Date: April 23, 2009.

Time: 3:15 p.m. to 5:15 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852, (Telephone Conference Call).

Contact Person: Richard D. Crosland, PhD, Scientific Review Administrator, Scientific Review Branch, Division of Extramural Research, NINDS/NIH/DHHS/Neuroscience Center, 6001 Executive Blvd., Suite 3208, MSC 9529, Bethesda, MD 20892-9529, 301-594-0635, rc218u@nih.gov.

Name of Committee: National Institute of Neurological Disorders and Stroke Special Emphasis Panel; Review of NINDS PPG on CA²⁺ Signaling in Spines.

Date: April 24, 2009.

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

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD 20852, (Telephone Conference Call).

Contact Person: Ernest W Lyons, PhD, Scientific Review Administrator, Scientific Review Branch, NINDS/NIH/DHHS Neuroscience Center, 6001 Executive Blvd., Suite 3208, MSC 9529, Bethesda, MD 20892-9529, 301-496-4056, lyonse@ninds.nih.gov. (Catalogue of Federal Domestic Assistance Program Nos. 93.853, Clinical Research

Related to Neurological Disorders; 93.854, Biological Basis Research in the Neurosciences, National Institutes of Health, HHS)

Dated: April 7, 2009.

Anna Snouffer,

Deputy Director, Office of Federal Advisory Committee Policy.

[FR Doc. E9-8481 Filed 4-13-09; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Notice of a Public Consultation Meeting on Proposed Revisions to the NIH Guidelines for Research Involving Recombinant DNA Molecule (NIH Guidelines)

There will be a public consultation meeting to solicit stakeholder input regarding the proposed revisions to the NIH Guidelines. The meeting will be held on Tuesday, June 23, 2009 at the Hyatt Regency Crystal City, 2799 Jefferson Davis Highway, Arlington, Virginia, 22202, from approximately 8 a.m. to 5 p.m.

Discussions will focus on the proposed revisions to the NIH Guidelines which include: (1) Broadening the scope of the NIH Guidelines, which currently cover laboratory and clinical research involving DNA molecules created via recombinant techniques (i.e., joining of DNA molecules), to apply to nucleic acids that are synthesized chemically or by other means without the use of recombinant technology; (2) Revising the criteria for determining when the introduction of a drug resistance trait into a microorganism must be reviewed by the Recombinant DNA Advisory Committee and approved by the NIH Director; and (3) Changing the level of review required for recombinant or synthetic experiments involving more than one-half but less than two-thirds of the genome of certain viruses in tissue culture as described in Section III-E-1 of the NIH Guidelines.

The Notice of Consideration of a Proposed Action under the NIH Guidelines was published in the **Federal Register** on March 4, 2009 (74 FR 9411) and may be located at the following link: <http://oba.od.nih.gov/rdna/rdna.html>.

For further information concerning this meeting contact Ms. Laurie Lewallen, Advisory Committee Coordinator, Office of Biotechnology Activities, Office of the Director, National Institutes of Health, 6705

Rockledge Drive, Room 750, Bethesda, MD 20892-7985, 301-496-9838, lewallenl@od.nih.gov.

The meeting will be open to the public, with attendance limited to the 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 above in advance of the meeting.

A draft agenda and additional information for the meeting will be posted on the OBA Web site: <http://oba.od.nih.gov/rdna/rdna.html>. Background and supplemental information may also be obtained by contacting NIH OBA by e-mail oba@od.nih.gov.

Dated: April 8, 2009.

Jacqueline Corrigan-Curay,

Acting Director, Office of Biotechnology Activities, National Institutes of Health.

[FR Doc. E9-8478 Filed 4-13-09; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention

Request for Research Sites To Measure Composition of Sealed Area Atmosphere in Coal Mines

AGENCY: National Institute for Occupational Safety and Health (NIOSH) of the Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS).

ACTION: Notice.

SUMMARY: The National Institute for Occupational Safety and Health (NIOSH) of the Centers for Disease Control and Prevention (CDC), is seeking research sites to measure composition of sealed area atmosphere in coal mines.

NIOSH seeks to conduct scientific studies of the composition of sealed area atmospheres and the mechanisms of methane accumulation within sealed areas. Research questions to be addressed are: (1) Whether potentially explosive gas mixtures exist within sealed areas, (2) how extensive such mixtures might be, (3) how the gas composition changes over time, (4) whether methane layering exists, (5) the homogeneity of the atmosphere, and (6) how barometric pressure changes impact the sealed atmosphere. NIOSH will document measurements of the composition of the sealed area atmosphere over time, analyze the