

dimensional boundary of a feature is determined using three-dimensional techniques for tissue classification and converging via a deformable surface to avoid propagation.

Abciximab Pharmacodynamic Pattern Recognition

Mirna Urquidi-MacDonald (Penn State), Darrell Abernethy (NIA), U.S. Patent Application No. 10/810,809 filed 29 Mar 2004 (DHHS Reference No. E-319-2003/0-US-01).

Licensing Contact: Michael Shmilovich; (301) 435-5019, shmilovm@mail.nih.gov.

Available for licensing and rapid implementation is a computerized neural network for predicting drug dosage and clinical outcome based on the use of data from drug dosage, drug effect and patient clinical characteristics. This network is especially suited to predict dosage and outcome for Abciximab. By establishing associated mapping, the neural network can predict a drug effect for a given patient characteristic and conversely predict drug dosing for a given drug effect and patient characteristic. The associative mapping is established and can be modulated by setting and adjusting weights of the connections between nodes in the neural network. The invention uses a feed-forward back-propagation neural network to model pharmacodynamic behavior and to predict drug dosage.

Dated: July 6, 2004.

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

[FR Doc. 04-16126 Filed 7-15-04; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Cancer Institute; Notice of Meeting

Pursuant to section 10(a) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), notice is hereby given of a meeting of the National Cancer Institute Board of Scientific Advisors.

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 Cancer Institute Board of Scientific Advisors.

Date: July 12, 2004.

Time: 8:30 a.m. to 1 p.m.

Agenda: Nanotechnology Initiative, Science Session and Concept Review.

Place: Hyatt Regency Bethesda, One Bethesda Metro Center, 7400 Wisconsin Avenue, Bethesda, MD 20814.

Contact Person: Paulette S. Gray, PhD, Executive Secretary, Acting Director, Division of Extramural Activities, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard, 8th Floor, Rm. 8141, Bethesda, MD 20892, 301-496-4218.

This meeting is being published 15 days prior to the meeting due to scheduling conflicts.

Any interested person may file written comments with the committee by forwarding the statement to the Contact Person listed on this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

Information is also available on the Institute's/Center's home page: deainfo.nci.nih.gov/advisory/bsa.htm, where an agenda and any additional information for the meeting will be posted when available. (Catalogue of Federal Domestic Assistance Program Nos. 93.392, Cancer Construction; 93.393, Cancer Cause and Prevention Research; 93.394, Cancer Detection and Diagnosis Research; 93.395, Cancer Treatment Research; 93.396, Cancer Biology Research; 93.397, Cancer Centers Support; 93.398, Cancer Research Manpower; 93.399, Cancer Control, National Institutes of Health, HHS)

Dated: July 8, 2004.

LaVerne Y. Stringfield,
Director, Office of Federal Advisory Committee Policy.

[FR Doc. 04-16120 Filed 7-15-04; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute of Diabetes and Digestive and Kidney Diseases; Notice of Closed Meetings

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), 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 Diabetes and Digestive and Kidney Diseases Special Emphasis Panel; Channels and Kidney Function.

Date: July 12, 2004.

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

Agenda: To review and evaluate grant applications.

Place: Bethesda Marriott Suites, 6711 Democracy Boulevard, Bethesda, MD 20817.

Contact Person: Michele L. Barnard, PhD, Scientific Review Administrator, Review Branch, DEA, NIDDK, National Institutes of Health, Room 753, 6707 Democracy Boulevard, Bethesda, MD 20892-5452, (301) 594-8898, barnardm@extra.niddk.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.

Name of Committee: National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, Translational Research for the Prevention and Control of Diabetes.

Date: July 23, 2004.

Time: 8 a.m. to 5 p.m.

Agenda: To review and evaluate grant applications.

Place: Bethesda Marriott Suites, 6711 Democracy Boulevard, Bethesda, MD 20817.

Contact Person: Michele L. Barnard, PhD, Scientific Review Administrator, Review Branch, DEA, NIDDK, National Institutes of Health, Room 753, 6707 Democracy Boulevard, Bethesda, MD 20892-5452, (301) 594-8898, barnardm@extra.niddk.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.

Name of Committee: National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, Primary Biliary Cirrhosis Clinical Trial.

Date: July 27, 2004.

Time: 3:30 p.m. to 5:30 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: John F. Connaughton, PhD, Scientific Review Administrator, Review Branch, DEA, NIDDK, National Institutes of Health, Room 757, 6707 Democracy Boulevard, Bethesda, MD 20892-5452, (301) 594-7797, connaughtonj@extra.niddk.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.

Name of Committee: National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, Therapy in New Onset Type 1 Diabetes Mellitus.

Date: July 29, 2004.

Time: 2 p.m. to 3:30 p.m.

Agenda: To review and evaluate grant applications.