

The disclosed thiopeptides can be, but are not limited to, thiostreptin, micrococcin P. nosiheptide, siomycin, sporangiomycin, althiomycin, the thiocillins and/or thiopeptin, as well as sulfur-rich peptide antibiotic containing multiple thiazole rings, produced by streptomycetes or other peptide antibiotic-producing organisms.

Image Registration Using Closest Corresponding Voxels With an Iterative Registration Process

J Ostuni (LDRR)
Serial No. 08/847,733 filed Apr 28, 1997
(claiming priority date of Apr 29, 1996)

Licensing Contact: John Fahner-Vihtelic, 301/496-7735 ext. 270

The present invention provides a novel method of 3D medical image registration, that is, the alignment of two or more related 3D images. This method overcomes problems seen in conventional registration techniques arising from mismatching of voxel intensities. This is of particular importance when registering images derived from different techniques, such as MRI and CT. The invention allows the registration of images despite the lack of direct relationship between intensity levels in the different techniques, varying patient placement, and occlusion and noise in the image.

System for Synergistic Combination of Multiple Automatic Induction Methods and Automatic Re-Representation of Data

L Hunter (NLM)
DH Reference No. E-118-96/0; PCT/
US97/08951 filed May 23 1996

Licensing Contact: John Fahner-Vihtelic, 301/496-7735 ext. 270

The present application describes a unique prototype of an advanced framework which relates to the field of multidimensional data mining, machine learning, and analysis that has been named COEV (for COEVolutional). COEV synergistically combines different methods of statistical analysis, neural networks, decision trees and genetic algorithms for the resolution of data queries. COEV automatically determines the optimal methods and data representations to apply at each step of inquiry and, as a result, can provide outcomes that are significantly more accurate than can be achieved by use of any one methodology alone. The invention uses an evolutionary learning technology to improve predictive outcomes with continued use. COEV is designed to advance the accuracy, flexibility, speed and ease of use of advanced data analysis technologies.

Characteristics of problems that are appropriate for the application of the COEV method are: (1) Appropriate for machine learning, in that there is a well-defined set of input variables and a clear prediction target; (2) difficult for traditional methods, and where a modest improvement in accuracy over existing machine learning methods (e.g., neural networks) would be significant; (3) there is a large amount of training data, ideally thousands of cases.

Possible application areas of interest include the analysis of high-throughput screening data for pharmaceutical discovery, detecting patterns of fraud in insurance claims, or automating screening of medical images.

This invention requires further R&D and testing to make it a practical system for widespread use.

Dated: May 7, 1998.

Jack Spiegel,

Director, Division of Technology Development and Transfer, Office of Technology Transfer.
[FR Doc. 98-13011 Filed 5-14-98; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Institute on Aging; 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:

Name of SEP: National Institute on Aging Special Emphasis Panel Stress, Aging and Wound Healing.

Date of Meeting: May 27, 1998.

Time of Meeting: 12:00 p.m. to adjournment.

Place of Meeting: Holiday Inn on the Lane, Columbus, Ohio.

Purpose/Agenda: To review a program project application.

Contact Person: Dr. Mary Nekola, Scientific Review Administrator, Gateway Building, Room 2C212, National Institutes of Health, Bethesda, Maryland 20892-9205, (301) 496-9666.

Name of SEP: National Institute on Aging Special Emphasis Panel QTL, Analysis of Age-Related Phenotypes.

Date of Meeting: May 29, 1998.

Time of Meeting: 11:00 a.m. to adjournment.

Place of Meeting: Chicago O'Hare Marriott, Chicago, Illinois.

Purpose/Agenda: To review a program project application.

Contact Person: Dr. James Harwood, Scientific Review Administrator, Gateway Building, Room 2C212, National Institutes of Health, Bethesda, Maryland 20892-9205, (301) 496-9666.

Name of Committee: National Institute on Aging, Initial Review Group Biology, Aging Review Committee.

Dates of Meeting: June 1-2, 1998.

Times of Meeting: June 1-7:30 p.m. to recess, June 2-8:00 a.m. to adjournment.

Place of Meeting: Chevy Chase Holiday Inn, 5520 Wisconsin Avenue, Chevy Chase, Maryland 20815.

Purpose/Agenda: To review a program project application.

Contact Person: Dr. James Harwood, Scientific Review Administrator, Gateway Building, Room 2C212, National Institutes of Health, Bethesda, Maryland 20892-9205, (301) 496-9666.

Name of Committee: National Institute on Aging Initial Review Group, Clinical Aging Review Committee.

Date of Meeting: June 2, 1998.

Time of Meeting: 8:00 a.m. to adjournment.

Place of Meeting: Holiday Inn Bethesda, 8120 Wisconsin Avenue, Bethesda, Maryland 20815.

Purpose/Agenda: to perform the various grant applications.

Contact Person: Dr. William Kachadorian, Scientific Review Administrator, Gateway Building, Room 2C212, National Institutes of Health Bethesda, Maryland 20892-9205, (301) 496-9666.

Name of Committee: National Institute on Aging Initial Review Group, Neurosciences of Aging Review Committee.

Date of Meeting: June 8-10, 1998.

Times of Meeting: June 8-7:00 p.m. to recess, June 9-8:00 a.m. to recess, June 10-8:00 a.m. to adjournment.

Place of Meeting: Chevy Chase Holiday Inn, 5520 Wisconsin Avenue, Chevy Chase, Maryland 20815.

Purpose/Agenda: To review grant applications.

Contact Person: Dr. Louise Hsu, Scientific Review Administrator, Gateway Building, Room 2C212, National Institutes of Health, Bethesda, Maryland 20892-9205, (301) 496-9666.

Name of SEP: National Institute on Aging Special Emphasis Panel Alzheimers Disease Patient Registry.

Date of Meeting: June 10, 1998.

Time of Meeting: 4:00 p.m. to adjournment.

Place of Meeting: Chevy Chase Holiday Inn, 5520 Wisconsin Avenue, Chevy Chase, Maryland 20815.

Purpose/Agenda: To review research project.

Contact Person: Dr. Louise Hsu, Scientific Review Administrator, Gateway Building, Room 2C212, National Institutes of Health, Bethesda, Maryland 20892-9205, (301) 496-9666.

Name of SEP: National Institute on Aging Special emphasis Panel Group A.

Date of Meeting: June 10, 1998.

Time of Meeting: 8:00 a.m. to 12:00 noon.

Place of Meeting: Chevy Chase Holiday Inn, 5520 Wisconsin Avenue, Chevy Chase, Maryland 20815.

Purpose/Agenda: To pilot study review a grant application mostly concerning molecular biology, Alzheimer's disease, biochemistry and neurology of aging.

Contact Person: Dr. Arthur Schaedel, Scientific Review Administrator, Gateway

Building, Room 2C212, National Institutes of Health, Bethesda, Maryland 20892-9205, (301) 496-9666.

Name of SEP: National Institute on Aging Special Emphasis Panel Group B.

Date of Meeting: June 10, 1998.

Time of Meeting: 8:00 a.m. to 12:00 noon.

Place of Meeting: Chevy Chase Holiday Inn, 5520 Wisconsin Avenue, Chevy Chase, Maryland 20815.

Purpose/Agenda: To pilot study review a grant application mostly concerning behavior, social activity memory, cognition, and clinical studies of aging.

Contact Person: Dr. Arthur Schaerdel, Scientific Review Administrator, Gateway Building, Room 2C212, National Institutes of Health, Bethesda, Maryland 20892-9205, (301) 496-9666.

Name of SEP: National Institute on Aging Special Emphasis Panel, National Bureau of Economic Research.

Date of Meeting: June 15, 1998.

Time of Meeting: 8:00 a.m. to 5:00 p.m.

Place of Meeting: Pooks Hill Marriott Hotel, 5151 Pooks Hill Road, Bethesda, Maryland 20814.

Purpose/Agenda: To review grant applications.

Contact Person: Dr. James Harwood, Scientific Review Administrator, Gateway Building, Room 2C212, National Institutes of Health, Bethesda, Maryland 20892-9205, (301) 496-9666.

These meetings will be closed in accordance with the provisions set forth in secs. 552b(c)(4) and 552b(c)(6), Title 5, U.S.C. Applications and/or proposals and the discussions could reveal confidential trade secrets or commercial property such as patentable material and personal information concerning individuals associated with the applications and/or proposals, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

(Catalog of Federal Domestic Assistance Program No. 93.866, Aging Research, National Institutes of Health)

Dated: May 12, 1998.

LaVerne Y. Stringfield,

Committee Management Officer, NIH.

[FR Doc. 98-13008 Filed 5-14-98; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Library of Medicine; Meeting of the Biomedical Library Review Committee

Pursuant to Pub. L. 92-463, notice is hereby given of the meeting of the Biomedical Library Review Committee on June 17-18, 1998, convening at 9 a.m. in the Board Room of the National Library of Medicine, Building 38, 8600 Rockville Pike, Bethesda, Maryland.

The meeting on June 17 will be open to the public from 9 a.m. to approximately 9:30 a.m., 11:30 a.m. to

noon, and 3:15 p.m. to 3:45 p.m. and on June 18 from 8:30 a.m. to 8:45 a.m. for the discussion of administrative reports and program developments. Attendance by the public will be limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should contract Dr. Sharee Pepper at 301-496-4253 two weeks before the meeting.

In accordance with provisions set forth in secs. 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., and sec. 10(d) of Pub. L. 92-463, the meeting on June 17 will be closed to the public for the review, discussion, and evaluation of individual grant applications from 9:30 a.m. to approximately 11:30 a.m., noon to 3:15 p.m., and 3:45 p.m. to approximately 5 p.m., and on June 18 from 8:45 a.m. to adjournment. These applications and the discussion could reveal confidential trade secrets or commercial property, such as patentable material, and personal information concerning individuals associated with the applications, disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Dr. Sharee Pepper, Health Scientist Administrator, Extramural Programs, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20894, telephone number: 301-496-4253, will provide summaries of the meeting, rosters of the committee members, and other information pertaining to the meeting.

(Catalog of Federal Domestic Assistance Program No. 93.879—Medical Library Assistance, National Institutes of Health)

Dated: May 8, 1998.

LaVerne Y. Stringfield,

Committee Management Officer, NIH.

[FR Doc. 98-13009 Filed 5-14-98; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health National Library of Medicine; Meeting of the Literature Selection Technical Review Committee

Pursuant to Pub. L. 92-463, notice is hereby given of a meeting of the Literature Selection Technical Review Committee, National Library of Medicine, on June 11-12, 1998, convening at 9 a.m. on June 11 and at 8:30 a.m. on June 12 in the Board Room of the National Library of Medicine, Building 38, 8600 Rockville Pike, Bethesda, Maryland.

The meeting on June 11 will be open to the public from 9 a.m. to approximately 10:30 a.m. for the

discussion of administrative reports and program developments. Attendance by the public will be limited to space available. Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should contact Mrs. Lois Ann Colaianni at 301-496-6921 two weeks before the meeting.

In accordance with provisions set forth in sec. 552b(c)(9)(B), Title 5 U.S.C., Pub. L. 92-463, the meeting will be closed on June 11 from 10:30 a.m. to approximately 5 p.m. and on June 12 from 8:30 a.m. to adjournment for the review and discussion of individual journals as potential titles to be indexed by the National Library of Medicine. The presence of individuals associated with these publications could hinder fair and open discussion and evaluation of individual journals by the Committee members.

Mrs. Lois Ann Colaianni, Scientific Review Administrator of the Committee, and Associate Director, Library Operations, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20894, telephone number: 301-496-6921, will provide a summary of the meeting, rosters of the committee members, and other information pertaining to the meeting.

Dated: May 8, 1998.

LaVerne Y. Stringfield,

Committee Management Officer, NIH.

[FR Doc. 98-13010 Filed 5-14-98; 8:45 am]

BILLING CODE 4140-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Substance Abuse and Mental Health Services Administration (SAMHSA)

Notice of Meetings

Pursuant to Pub. L. 92-463, notice is hereby given of the following meetings of the SAMHSA Special Emphasis Panel II in May 1998.

A summary of the meetings may be obtained from: Ms. Dee Herman, Committee Management Liaison, SAMHSA, Office of Program Planning and Coordination (OPPC), Division of Extramural Activities, Policy, and Review, 5600 Fishers Lane, Room 17-89, Rockville, Maryland 20857. Telephone: (301) 443-7390.

Substantive program information may be obtained from the individuals named as Contact for the meetings listed below.

The meetings will include the review, discussion and evaluation of individual contract proposals. These discussions could reveal personal information concerning individuals associated with the proposals and confidential and