

The invention relates to the fact that the XAGE-1 gene is expressed in a number of human cancers, specifically: breast, lung, prostate, pancreatic, and ovarian cancers. The proteins p9 and p16, immunogenic fragments thereof, analogs of these proteins, and nucleic acids encoding these proteins, fragments, or analogs, can be administered to persons with XAGE-1 expressing cancers to raise or augment an immune response to the cancer. The invention further provides nucleic acid sequences encoding the protein, as well as expression vectors, host cells, and antibodies to the proteins. Further, the invention provides immunoconjugates that comprise an antibody to p16 or to p9, and an effector molecule, such as a label, a radioisotope, or a toxin. The invention also provides methods of inhibiting the growth of XAGE-1 expressing cells by contacting them with immunoconjugates of an anti-p9 or p16 antibody and a toxic moiety. The invention also provides kits for the detection of p9 or p16 proteins in a sample. The XAGE-1 gene and encoded protein could be of value in the development of a cancer diagnostic and/or a cancer immunotherapy.

The above mentioned invention is available for licensing on an exclusive or non-exclusive basis.

Histone Deacetylase Inhibitors in Diagnosis and Treatment of Thyroid Neoplasms

Tito A. Fojo and Susan Bates (NCI)
DHHS Reference No. E-286-00/0 filed
10 Jan 2001

Licensing Contact: Matthew Kiser;
301/496-7056 ext. 224; e-mail:
kiserma@od.nih.gov.

The invention disclosed are novel approaches to thyroid cancer therapy. These approaches include methods to enhance thyroid specific gene expression, for example methods to enhance expression of thyroglobulin and/or the Na/I symporter in thyroid cancer cells. Enhanced expression of thyroid-specific genes promotes cellular differentiation and reduces biologically aggressive behavior such as invasion and metastasis. In addition, enhanced expression of thyroglobulin and/or the Na/I symporter increases the ability of thyroid cancer cells to concentrate iodine, thereby making the cells more susceptible to radioactive iodine therapy. Also disclosed are methods for detecting thyroid neoplasms in a subject, by administering a therapeutically effective amount of a histone deacetylase inhibitor, administering a detectable agent whose uptake or concentration in thyroid cells is increased by administration of the

histone deacetylase inhibitor, and detecting the detectable agent.

Dated: December 20, 2001.

Jack Spiegel,

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

[FR Doc. 02-11 Filed 1-2-02; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Cancer Institute; Notice of Closed Meeting

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 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 Cancer Institute Special Emphasis Panel; Small Animal Imaging Resources Program.

Date: January 16, 2002.

Time: 10:15 a.m. to 2:15 p.m.

Agenda: To review and evaluate grant applications.

Place: 6116 Executive Blvd., Rockville, MD 20852, (Telephone Conference Call).

Contact Person: Kenneth L. Bielat, PhD
Scientific Review Administrator, Division of Extramural Activities, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard, Room 8043, Bethesda, MD 20892, 301-946-7576.

(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: December 21, 2001.

LaVerne Y. Stringfield,

*Director, Office of Federal Advisory
Committee Policy.*

[FR Doc. 02-20 Filed 1-2-02; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Center for Research Resources; Notice of Closed Meeting

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 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 Center for Research Resources Special Emphasis Panel, Science Education Partnership Award.

Date: February 7-8, 2002.

Time: February 7, 2002, 8 AM to Adjournment.

Agenda: To review and evaluate grant applications.

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

Contact Person: Sybil A. Wellstood, PhD,
Scientific Review Administrator, Office of Review, National Center for Research Resources, National Institutes of Health, One Rockledge Centre, Room 6018, 6705 Rockledge Drive, MSC 7965, Bethesda, MD 20892-7965, (301) 435-0814,
wellstood@ncrr.nih.gov.

(Catalogue of Federal Domestic Assistance Program Nos. 93.306, Comparative Medicine, 93.306; 93.333, Clinical Research, 93.333; 93.371, Biomedical Technology; 93.389, Research Infrastructure, National Institutes of Health, HHS)

Dated: December 27, 2001.

LaVerne Y. Stringfield,

*Director, Office of Federal Advisory
Committee Policy.*

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Center for Research Resources; Notice of 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.