

normal testis, Ewing's sarcoma, alveolar rhabdomyosarcoma, as well as breast cancer and other cancers (e.g., lung carcinoma, prostate adenocarcinoma, ovarian carcinoma, pancreatic adenocarcinoma, glioblastoma, etc.). The largest open reading frame of the XAGE-1 transcript encodes a putative protein of 16.3 kD (p16) with a potential transmembrane domain at the amino terminus. In addition, the XAGE-1 transcript contains a second ATG in the reading frame corresponding to residue 66, which would encode a 9 kD protein (p9). In vitro transfection experiments using 293T cells have revealed a 9 kD protein. However, the size of the protein expressed endogenously is not yet known. XAGE-1 shares homology with GAGE/PAGE proteins in the C-terminal end.

The invention relates to the fact that the XAGE-1 gene is expressed in a number of human cancers, specifically: prostate, pancreatic, and ovarian cancers, as well as a large percentage of breast and lung tumors. The protein 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 cancer immunotherapy.

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

Dated: November 22, 2000.

Jack Spiegel,

Director, Division of Technology Development & Transfer, Office of Technology Transfer.

[FR Doc. 00-30716 Filed 12-1-00; 8:45 am]

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Heart, Lung, and Blood 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 Heart, Lung, and Blood Institute Special Emphasis Panel.
Date: December 1, 2000.

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

Agenda: To review and evaluate grant applications.

Place: Bethesda Holiday Inn, Bethesda, MD 20017.

Contact Person: Eric H Brown, Scientific Review Administrator, Review Branch, Room 7204, Division of Extramural Affairs, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD 20892.

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. 93.233, National Center for Sleep Disorders Research; 93.837, Heart and Vascular Diseases Research; 93.838, Lung Diseases Research; 93.839, Blood Diseases and Resources Research, National Institutes of Health, HHS)

Dated: November 22, 2000.

LaVerne Y. Stringfield,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. 00-30711 Filed 11-1-00; 8:45 am]

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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, ZDK1 GRB-B(J3)M.

Date: December 4, 2000.

Time: 12:30 p.m. to 2:30 p.m.

Agenda: To review and evaluate grant applications.

Place: 2 Democracy Plaza, 6707 Democracy Blvd, Rm 645, Bethesda, MD 20892, (Telephone Conference Call).

Contact Person: Ned Feder, Scientific Review Administrator, Review Branch, DEA NIDDK, Room 645, 6707 Democracy Boulevard, National Institutes of Health, Bethesda, MD 20892, (301) 594-8890.

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, ZDK1 GRB-B(J2)S.

Date: December 15, 2000.

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

Agenda: To review and evaluate grant applications.

Place: 2 Democracy Plaza, 6707 Democracy Blvd, Rm 645, Bethesda, MD 20892, (Telephone Conference Call).

Contact Person: Ned Feder, Scientific Review Administrator, Review Branch, DEA, NIDDK, Room 645, 6707 Democracy Boulevard, National Institutes of Health, Bethesda, MD 20892, (301) 594-8890.

(Catalogue of Federal Domestic Assistance Program Nos. 93.847, Diabetes, Endocrinology and Metabolic Research; 93.848, Digestive Diseases and Nutrition Research; 93.849, Kidney Diseases, Urology and Hematology Research, National Institutes of Health, HHS)

Dated: November 27, 2000.

Anna Snouffer,

Acting Director, Office of Federal Advisory Committee Policy.

[FR Doc. 00-30708 Filed 12-1-00; 8:45 am]

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