

tumors. This invention also includes a method for determining whether a tumor promoter induces transformation via a pathway that depends on induction or elevation of AP-1 transcriptional activity and AP-1 target gene expression.

#### **Deazaflavin Compounds and Methods of Use Thereof**

Alan Weissman *et al.* (NCI).

U.S. Provisional Application No. 60/447,610 filed 13 Feb 2003 (DHHS Reference No. E-231-2002/0-US-01).

*Licensing Contact:* Jeffrey Walenta; 301/435-4633; [walentaj@mail.nih.gov](mailto:walentaj@mail.nih.gov).

Recently, a new strategy for the treatment of cancer was validated by the FDA approval of a small molecule proteasome inhibitor. This treatment strategy, while being efficacious, achieved this result by generally inhibiting all proteasome activity. However, the ubiquitin-mediated process that instructs the proteasome to degrade specific proteins is exquisitely specific to the type of protein degraded. The exact mechanism of how the individual components of the ubiquitin-mediated process regulate the amount of a specific protein present in a cell is just beginning to be elucidated with certainty. Drugs specific to these components can regulate cellular level of important proteins.

This invention is a family of 7-nitro-5-deazaflavin compounds that inhibit MDM2 protein activity in a cell. The MDM2 protein is an E3 ubiquitin ligase that mediates the transfer of ubiquitin to the important tumor suppressor protein p53: p53 will initiate apoptosis in cancer cells. By minimizing ubiquitin transfer to p53—and its subsequent degradation—the 7-nitro-5-deazaflavin compounds can potentially increase the tumor suppressor properties of p53 by maintaining a higher concentration of the important tumor suppressor protein within the cell.

This invention could be an important next generation proteasome inhibitor as it can potentially inhibit the degradation of specific proteasome substrates.

Dated: February 27, 2004.

**Steven M. Ferguson,**

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

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**BILLING CODE 4140-01-P**

## **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 Initial Review Group; Subcommittee E—Cancer Epidemiology, Prevention & Control.

*Date:* April 13-14, 2004.

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

*Agenda:* To review and evaluate grant applications.

*Place:* Holiday Inn Select Bethesda, 8120 Wisconsin Avenue, Bethesda, MD 20814.

*Contact Person:* Mary C. Fletcher, PhD, Scientific Administrator, Research Programs Review Branch, Division of Extramural Activities, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard, Rm 8115, Bethesda, MD 20892, (301) 496-7413.

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.

(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: February 27, 2004.

**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 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 contract proposals and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the contract proposals, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Cancer Institute Special Emphasis Panel; SBIR Topics 181, 184, 199.

*Date:* March 24, 2004.

*Time:* 8:30 a.m. to 5 p.m.

*Agenda:* To review and evaluate contract proposals.

*Place:* Bethesda Marriott, 5151 Pooks Hill Road, Bethesda, MD 20814.

*Contact Person:* C. Michael Kerwin, PhD, MPH, Scientific Review Administrator, Special Review and Logistics Branch, Division of Extramural Activities, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard, Room 8057, MSC 8329, Bethesda MD 20892-8329, 301-496-7421, [kerwinm@mail.nih.gov](mailto:kerwinm@mail.nih.gov).

(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: February 27, 2004.

**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 Institute on Alcohol Abuse and Alcoholism; Notice of Closed Meetings**

Pursuant to section 10(d) of the Federal Advisory Committee Act, as