

for the development of novel diagnostic tests and therapeutics.

*Development Stage:* Pre-clinical.

*Inventors:* Yardena Samuels and Xiaomu Wei (NHGRI).

*Publication:* Wei X, et al. Exome sequencing identifies GRIN2A as frequently mutated in melanoma. *Nat Genet.* 2011 May;43(5):442–446. [PMID: 21499247].

*Intellectual Property:*

- HHS Reference No. E–013–2011/0—U.S. Provisional Application No. 61/462,471 filed 02 February 2011.

- Research Tool—Patent protection is not being pursued for the TRRAP and GRIN2A melanoma metastatic cell lines.

*Related Technologies:*

- HHS Reference No. E–272–2008/0—U.S. Patent Application No. 13/128,125 filed 06 May 2011, European and Australian applications filed;

Mutations of the ERBB4 Gene in Melanoma.

- HHS Reference No. E–229–2010/0—Research Tool; ERBB4 Mutations Identified in Human Melanoma Metastasis Cell Lines (2690, 2379, 2197, 2183, 2535, 2645, 1770, 2359, 2238, 2319, 2190).

- HHS Reference No. E–232–2010/0—Research Tool; Isocitrate Dehydrogenase 1 (IDH1) R132 Mutation Human Melanoma Metastasis Cell Line.

*Licensing Contact:* Whitney Hastings; 301–451–7337; hastingw@mail.nih.gov.

### Cells and Nanoparticles With Altered Protein Expression Patterns Useful for the Modulation of T Cell Activity for Immunotherapy

*Description of Technology:* NIH scientists have developed human cells and nanoparticles to enhance immunotherapy. Specifically, researchers have identified that cells or nanoparticles expressing a high temperature requirement serine peptidase 1 (HtrA1) activator and/or a cytokine-induced Src homology 2 protein (CIS) inhibitor are capable of increasing T cell activity. These compositions can be used primarily in T cell immunotherapy against various cancers and infectious diseases where enhanced T cell activity is beneficial. Conversely, cells or nanoparticles that express a HtrA1 inhibitor and/or a CIS activator can suppress T cell activity. These compositions can be utilized to treat various auto- or alloimmune diseases and can be used to prevent transplant rejections.

HtrA1 (also known as L56, ARMD7, ORF480, and PRSS11) is a serine protease that is known to inhibit the TGF-beta family proteins. CIS (also known as G18, SOCS, CIS–1, and CISH) is a member of the suppression of

cytokine signaling (SOCS) family of proteins and inhibit the JAK/STAT signaling pathways. CIS acts to inhibit HtrA1 and repress cell activation targets. Immunotherapy, although an effective treatment strategy, sometimes fails when cells lose activity. T cells adoptively transferred into patients where CIS is inhibited and/or HtrA1 is activated should maintain their activity and lead to more successful adoptive T cell transfers.

*Potential Commercial Applications:*

- Immunotherapy for cancer or infectious diseases using human cells or nanoparticles expressing an HtrA1 activator and/or a CIS inhibitor

- Therapeutic for treating autoimmune diseases using human cells and or nanoparticles expressing an HtrA1 inhibitor and/or a CIS activator

- Agents expressing an HtrA1 inhibitor and/or a CIS activator to prevent organ, tissue, or cell transplant rejection and treat alloimmune diseases, such as graft-versus-host disease

- Components of a combination therapy to increase or suppress T cell activity in a patient

*Competitive Advantages:*

- Some patients do not respond to T cell immunotherapy due to lack of cell persistence, survival, or activity as well as for other poorly understood reasons. Modifying HtrA1 and CIS in currently existing T cell immunotherapies should increase the success rate of these therapies by increasing the persistence and survival of the infused cells.

- T cells can become “exhausted” as they mature following activation by target antigen. Cells with altered expression of HtrA1 and/or CIS may be able to avoid exhaustion after repeated activation.

*Development Stage:*

- Pre-clinical.
- In vitro data available.
- In vivo data available (animal).

*Inventors:* Douglas C. Palmer and Nicholas P. Restifo (NCI).

*Publication:* Palmer DC and Restifo NP. Suppressors of cytokine signaling (SOCS) in T cell differentiation, maturation, and function. *Trends Immunol.* 2009 Dec;30(12):592–602. [PMID 19879803].

*Intellectual Property:* HHS Reference No. E–069–2010/0—U.S. Patent Application No. 61/420,825 filed 08 December 2010.

*Licensing Contact:* Samuel E. Bish, Ph.D.; 301–435–5282; bishse@mail.nih.gov

Dated: August 5, 2011.

**Richard U. Rodriguez,**

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

[FR Doc. 2011–20447 Filed 8–10–11; 8:45 am]

**BILLING CODE 4140–01–P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health National Institute of Environmental Health Sciences; Notice of Meeting

Pursuant to section 10(a) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of a meeting of the Interagency Breast Cancer and Environmental Research Coordinating Committee.

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:* Interagency Breast Cancer and Environmental Research Coordinating Committee.

*Date:* September 26–27, 2011.

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

*Agenda:* The purpose of the meeting is to continue the work of the Committee, to share and coordinate information on existing research activities, & make recommendations to NIH & other Federal agencies on how to improve existing research programs related to breast cancer & the environment. The agenda will be posted on the web: <http://www.niehs.nih.gov/about/orgstructure/boards/ibcercc/>.

*Place:* Nat. Inst. of Environmental Health Sciences, Building 101, Rodbell Auditorium, 111 T. W. Alexander Drive, Research Triangle Park, NC 27709.

*Contact Person:* Gwen W. Collman, PhD, Director, Division of Extramural Research and Training (DERT), Nat. Inst. of Environmental Health Sciences, National Institutes of Health, 615 Davis Dr., KEY615/3112, Research Triangle Park, NC 27709, (919) 541–4980, [collman@niehs.nih.gov](mailto:collman@niehs.nih.gov).

Any member of the public interested in presenting oral comments to the Committee should submit their remarks in writing at least 10 days in advance of the meeting. Comments in document format (*i.e.* WORD, Rich Text, PDF) may be submitted via e-mail to [ibcercc@niehs.nih.gov](mailto:ibcercc@niehs.nih.gov). You do not need to attend the meeting in order to submit comments.

Interested individuals and representatives of organizations may submit a letter of intent, a brief description of the organization represented, and a short description of the oral comments you wish to present. Only one representative per organization may be allowed to present oral comments and if

accepted by the committee, presentations may be limited to five minutes. Both printed and electronic copies are requested for the record. The statement should include the name, address, telephone number and, when applicable, the business or professional affiliation of the interested person. Oral comments will begin at approximately 2:30 p.m. on Tuesday, September 27, 2011. Although time will not be allotted for comments on Monday, September 26, 2011, members of the public are welcome to attend the entire meeting.

Anyone who wishes to attend the meeting and/or submit comments to the committee is asked to RSVP via e-mail to [ibcercc@niehs.nih.gov](mailto:ibcercc@niehs.nih.gov). Comments are delivered to the Contact Person listed on this notice.

(Catalogue of Federal Domestic Assistance Program Nos. 93.115, Biometry and Risk Estimation—Health Risks from Environmental Exposures; 93.142, NIEHS Hazardous Waste Worker Health and Safety Training; 93.143, NIEHS Superfund Hazardous Substances—Basic Research and Education; 93.894, Resources and Manpower Development in the Environmental Health Sciences; 93.113, Biological Response to Environmental Health Hazards; 93.114, Applied Toxicological Research and Testing, National Institutes of Health, HHS)

Dated: August 5, 2011.

**Jennifer S. Spaeth,**

*Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2011-20438 Filed 8-10-11; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Library of Medicine; Notice of Closed Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), 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 materials, 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 Library of Medicine Special Emphasis Panel, R01/R13/R21 Conflicts.

*Date:* September 30, 2011.

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

*Agenda:* To review and evaluate grant applications.

*Place:* National Library of Medicine, 6705 Rockledge Drive, Suite 301, Bethesda, MD 20817, (Telephone Conference Call).

*Contact Person:* Zoe H. Huang, MD, Scientific Review Officer, Extramural Programs, National Library of Medicine, NIH, 6705 Rockledge Drive, Suite 301, Bethesda, MD 20892-7968, 301-594-4937, [hungz@mail.nih.gov](mailto:hungz@mail.nih.gov).

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

Dated: August 5, 2011.

**Jennifer S. Spaeth,**

*Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2011-20439 Filed 8-10-11; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Nursing Research Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of a meeting of the National Advisory Council for Nursing Research.

The meeting will be open to the public as indicated below, 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.

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 Advisory Council for Nursing Research.

*Date:* September 20-21, 2011.

*Open:* September 20, 2011, 1 p.m. to 5 p.m.

*Agenda:* Discussion of Program Policies and Issues.

*Place:* National Institutes of Health, Building 31, 31 Center Drive, 6th Floor, C Wing, Room 6, Bethesda, MD 20892.

*Closed:* September 21, 2011, 9 a.m. to 1 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institutes of Health, Building 31, 31 Center Drive, 6th Floor, C Wing, Room 6, Bethesda, MD 20892.

*Contact Person:* Yvonne E Bryan, PhD, Special Assistant to the Director, National Institute of Nursing, National Institutes of Health, 31 Center Drive, Room 5B-05, Bethesda, MD 20892. 301-594-1580. [bryany@mail.nih.gov](mailto:bryany@mail.nih.gov).

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.

In the interest of security, NIH has instituted stringent procedures for entrance onto the NIH campus. All visitor vehicles, including taxicabs, hotel, and airport shuttles will be inspected before being allowed on campus. Visitors will be asked to show one form of identification (for example, a government-issued photo ID, driver's license, or passport) and to state the purpose of their visit.

Information is also available on the Institute's/Center's home page: [http://www.nih.gov/ninr/a\\_advisory.html](http://www.nih.gov/ninr/a_advisory.html), where an agenda and any additional information for the meeting will be posted when available.

(Catalogue of Federal Domestic Assistance Program Nos. 93.361, Nursing Research, National Institutes of Health, HHS)

Dated: August 5, 2011.

**Jennifer S. Spaeth,**

*Director, Office of Federal Advisory Committee Policy.*

[FR Doc. 2011-20440 Filed 8-10-11; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Center for Scientific Review; Notice of Closed Meetings

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), 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:* Center for Scientific Review Special Emphasis Panel, Program Project: Retina Pathology.

*Date:* September 12, 2011.

*Time:* 1 to 3:30 p.m.