

protein and fat by-products resulting in seizures, strokes, and chronic kidney failure. A significant portion of MMA cases stem from a deficiency in a key mitochondrial enzyme, methylmalonyl-CoA mutase (*MUT*), required to break down amino acids and lipids. Currently, there are no treatments for MMA and the disease is managed primarily with dietary restriction of amino acid precursors and liver-kidney transplantation in severe cases.

The present invention describes a synthetic codon-optimized *MUT* gene (co-*MUT*) that improves expression of human methylmalonyl-CoA mutase. A series of novel gene therapy vectors containing co-*MUT* rescued MMA mice from lethality and lowered levels of methylmalonic acid in the blood. Results of pre-clinical efficacy studies demonstrate a promising therapy for MMA and other renal-associated disorders.

#### Potential Commercial Applications:

- The co-*MUT* transgene could be used to treat MMA patients.
- In addition, it could be used to produce *MUT* in vitro for MMA enzyme replacement therapy.

Competitive Advantages: co-*MUT* transgene could be used through non-viral and viral gene delivery.

#### Development Stage:

- In vitro data available
- In vivo data available (animal)

Inventors: Charles P. Venditti and Randy J. Chandler (NHGRI)

Intellectual Property: HHS Reference No. E-243-2012/0—

- U.S. Provisional Application No. 61/792,081 filed 15 March 2013
- PCT Application No. PCT/US2014/028045 filed 14 March 2014

Licensing Contact: Vince Contreras, Ph.D.; 301-435-4711; [vince.contreras@nih.gov](mailto:vince.contreras@nih.gov)

Collaborative Research Opportunity: The Organic Acid Research Section at the National Human Genome Research Institute is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize codon-optimized *MUT* constructs. For collaboration opportunities, please contact Claire T. Driscoll at [cdriscoll@mail.nih.gov](mailto:cdriscoll@mail.nih.gov).

Dated: October 28, 2014.

**Richard U. Rodriguez,**

*Acting Director, 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 Institute of Environmental Health Sciences; 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 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 Environmental Health Sciences Special Emphasis Panel; Review of NIEHS R13 Conference Grant Applications.

*Date:* November 24, 2014.

*Time:* 12:00 p.m. to 4:30 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Institute of Environmental Health Sciences, Keystone Building, Conference Room 3118, 530 Davis Drive, Research Triangle Park, NC 27709, (Telephone Conference Call).

*Contact Person:* Janice B. Allen, Ph.D., Scientific Review Officer, Scientific Review Branch, Division of Extramural Research and Training, Nat. Institute of Environmental Health Science, P.O. Box 12233, MD EC-30/Room 3170 B, Research Triangle Park, NC 27709, 919/541-7556.

(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: October 24, 2014.

**Carolyn Baum,**

*Program Analyst, Office of Federal Advisory Committee Policy.*

[FR Doc. 2014-25873 Filed 10-30-14; 8:45 am]

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## DEPARTMENT OF HOMELAND SECURITY

### Office of the Secretary

[Docket No. DHS-2014-0053]

#### Privacy Act of 1974; Department of Homeland Security/United States Coast Guard—010 Physical Disability Evaluation System Files System of Records

**AGENCY:** Privacy Office, Department of Homeland Security.

**ACTION:** Notice of Privacy Act System of Records.

**SUMMARY:** In accordance with the Privacy Act of 1974, the Department of Homeland Security proposes to update and reissue a current Department of Homeland Security system of records titled, "Department of Homeland Security/United States Coast Guard Physical Disability Evaluation System Files System of Records." This system of records allows the Department of Homeland Security/United States Coast Guard to collect and preserve the records regarding physical disability evaluation proceedings. As a result of the biennial review of this system, the system manager and address category has been updated. This updated system will be included in the Department of Homeland Security's inventory of record systems.

**DATES:** Submit comments on or before December 1, 2014. This updated system will be effective December 1, 2014.

**ADDRESSES:** You may submit comments, identified by docket number DHS-2014-0053 by one of the following methods:

- Federal e-Rulemaking Portal: <http://www.regulations.gov>. Follow the instructions for submitting comments.

- Fax: 202-343-4010.

- Mail: Karen L. Neuman, Chief Privacy Officer, Privacy Office, Department of Homeland Security, Washington, DC 20528.

*Instructions:* All submissions received must include the agency name and docket number for this rulemaking. All comments received will be posted without change to <http://www.regulations.gov>, including any personal information provided.

*Docket:* For access to the docket to read background documents or comments received, please visit <http://www.regulations.gov>.

**FOR FURTHER INFORMATION CONTACT:** For general questions, please contact: Marilyn Scott-Perez (202-475-3515), Privacy Officer, Commandant (CG-61), United States Coast Guard, Mail Stop