

Inventors: Snorri Thorgeirsson (NCI) and Cedric Coulouaran (NCI)
Relevant Publication: Coulouaran C, Factor VM, Thorgeirsson SS. Transforming growth factor-beta gene expression signature in mouse hepatocytes predicts clinical outcome in human cancer. *Hepatology* 2008 Jun;47(6):2059–2067.

Patent Status: U.S. Provisional Application No. 60/981,661 filed 22 Oct 2007 (HHS Reference No. E-282-2007/0-US-01)

Licensing Status: Available for exclusive or non-exclusive licensing.

Licensing Contact: Jennifer Wong; 301-435-4633; wongje@mail.nih.gov.

Collaborative Research Opportunity: The National Cancer Institute, Center for Cancer Research, Laboratory of Experimental Carcinogenesis is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate, or commercialize a novel temporal TGF-beta gene expression signature that predicts HCC patient clinical outcomes. Please contact John D. Hewes, PhD at 301-435-3121 or hewesj@mail.nih.gov for more information.

A New Pot1 Variant Gene as a Diagnostic Biomarker for Hereditary Non-polyposis Colorectal Cancer

Description of Technology: The diagnosis of Hereditary Nonpolyposis Colorectal Cancer (HNPCC) is difficult because the disease lacks phenotypic signs that might facilitate its presymptomatic diagnosis. This invention is based on the identification of a new splice variant of a gene that appears to exist specifically in HNPCC, namely "Pot1" or "Protection of Telomeres." Pot1 has a critical role in ensuring chromosome stability by binding to telomeres. The invention presents a variant of Pot1 that is present in mismatch repair-deficient, but not proficient, cancer cell lines and primary, non-tumor tissue samples. The presence of this variant may be useful both as a diagnostic marker for HNPCC, and as a new therapeutic target for the treatment of HNPCC.

Applications and Modality: Identification of new "Pot1" variant gene associated with HNPCC

New gene can be used as a potential diagnostic biomarker for the diagnosis of HNPCC.

Pot1 as a new therapeutic target for the treatment of HNPCC.

Development Status: The technology is currently in the pre-clinical stage of development.

Inventors: Qin Yang and Curtis C. Harris (NCI).

Related Publications:

1. P Baumann *et al.* Human Pot1 (protection of telomeres) protein: cytoplasmic localization, gene structure, and alternative splicing. *Mol Cell Biol.* 2002 Nov;22(22):8079–8087.

2. A Umar *et al.* Revised Bethesda Guidelines for hereditary nonpolyposis colorectal cancer (Lynch syndrome) and microsatellite instability. *J Natl Cancer Inst.* 2004 Feb 18;96(4):261–268.

3. HT Lynch *et al.* Hereditary nonpolyposis colorectal carcinoma (HNPCC) and HNPCC-like families: Problems in diagnosis, surveillance, and management. *Cancer.* 2004 Jan 1;100(1):53–64.

4. Q Yang *et al.* Functional diversity of human protection of telomeres 1 isoforms in telomere protection and cellular senescence. *Cancer Res.* 2007 Dec 15;67(24):11677–11686.

Patent Status: U.S. Provisional Application No. 60/620,754 filed 20 Oct 2004 (HHS Reference No. E-263-2004/0-US-01), entitled "POT1 Alternating Splice Variants"

International Patent Application No. PCT/US2005/037957 filed 19 Oct 2005, which published as WO 2006/045062 on 27 Apr 2006 (HHS Reference No. E-263-2004/0-PCT-02)

U.S. Patent Application No. 11/665,944 filed 20 Apr 2007 (HHS Reference No. E-263-2004/0-US-03).

Licensing Status: Available for exclusive and non-exclusive licensing.

Licensing Contact: Surekha Vathyam, PhD; 301-435-4076; vathyams@mail.nih.gov.

Collaborative Research Opportunity: The National Cancer Institute Laboratory of Human Carcinogenesis is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate, or commercialize biomarkers of colon cancer. Please contact John D. Hewes, PhD at 301-435-3121 or hewesj@mail.nih.gov for more information.

Dated: June 30, 2008.

Richard U. Rodriguez,

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

[FR Doc. E8-15562 Filed 7-8-08; 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. 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: Center for Scientific Review Special Emphasis Panel, Gene Therapy and Inborn Errors-2.

Date: July 14, 2008.

Time: 1 p.m. to 5 p.m.

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892. (Telephone Conference Call)

Contact Person: Richard Panniers, PhD, Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 2212, MSC 7890, Bethesda, MD 20892, (301) 435-1741, pannierr@csr.nih.gov.

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: Center for Scientific Review Special Emphasis Panel, Review of Member Conflict Applications from BSPH and ACE.

Date: July 28, 2008.

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

Agenda: To review and evaluate grant applications.

Place: National Institutes of Health, 6701 Rockledge Drive, Bethesda, MD 20892. (Telephone Conference Call)

Contact Person: Mark P. Rubert, PhD, Scientific Review Officer, Center for Scientific Review, National Institutes of Health, 6701 Rockledge Drive, Room 5218, MSC 7852, Bethesda, MD 20892, 301-435-1775, rubertm@csr.nih.gov.

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. 93.306, Comparative Medicine; 93.333, Clinical Research, 93.306, 93.333, 93.337, 93.393-93.396, 93.837-93.844, 93.846-93.878, 93.892, 93.893, National Institutes of Health, HHS)

Dated: July 1, 2008.

Jennifer Spaeth,

Director, Office of Federal Advisory Committee Policy.

[FR Doc. E8-15469 Filed 7-8-08; 8:45 am]

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