

compounds is a billion dollar industry. The diversity of compounds that elicit bitter-taste sensations is very large and more than two dozen members of the T2R bitter taste receptor family have been identified. Individuals are now known to be genetically predisposed to respond or not to respond to the bitter taste of a number of substances. For example, large individual differences in the perception of bitterness have been well documented in compounds as different as nicotine, thiocyanates such as those found in cruciferous vegetables, and many bitter beta-glucopyranosides. This may have broad implications for nutritional status and tobacco use and common allelic variants of a member of the T2R bitter taste receptor gene family have been shown to underlie variation in the ability to taste phenylthiocarbamide (PTC) [Science (2003) 299, 1221–1225; HHS Ref No: E-169-2001/0].

Scientists at the NIDCD have extended these results to other bitter taste receptors and have sequenced 22 of the 24 known T2R genes in a series of populations worldwide, including Northern Europeans, Hungarians, Japanese, Cameroonians, Pygmies and South American Indians and the present invention includes these isolated sequences and their variants. This includes a total of 127 SNPs and 103 different protein coding haplotypes, including those defined for the PTC Receptor (T2R38) [E-169-2001/0]. The inventors showed that 77% of the SNPs identified caused an amino acid substitution in the encoded receptor protein, giving rise to a very high degree of receptor protein variation in the population (Kim *et al.* (2005) Human Mutation 26, 199–204). The frequencies of these different haplotypes have been shown to differ in different populations which will aid in population-specific studies, such as those targeting differences in taste perception between Europeans and Asians, for example.

The invention available for licensing includes these novel SNPs and haplotypes and methods of use, which can be used to better identify and characterize different groups of individuals within and between populations that vary in their bitter taste abilities. This is important to the food and flavoring industry, for example, where these variants can be used to aid in the development of a variety of taste improvements in foods and orally administered medications. [Also available for licensing in the Human Taste Receptor Haplotype patent portfolio is HHS Ref No. E-169-2001/0-PCT-02: Phenylthiocarbamide Taste Receptor, International Publication No.

WO 2003/008627, PCT filed July 19, 2002 and global IP, and HHS Ref. No 099-2005/0: Human Sweet and Umami Taste Receptor Genes, U.S. Provisional Patent Application No. 60/671,173 filed April 2005].

In addition to licensing, the technology is available for further development through collaborative research opportunities with the inventors.

Dated: February 2, 2006.

Steven M. Ferguson,

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

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

National Cancer Institute; Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2), notice is hereby give of a meeting of the Board of Scientific Counselors for Basic Sciences National Cancer Institute.

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 as indicated below in accordance with the provisions set forth in section 552b(c)(6), Title 5 U.S.C., as amended for the review, discussion, and evaluation of individual intramural programs and projects conducted by the National Cancer Institute, including consideration of personnel qualifications and performance, and the competence of individual investigators, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

Name of Committee: Board of Scientific Counselors for Basic Sciences National Cancer Institute.

Date: March 13, 2006.

Open: 8 a.m. to 10:30 a.m.

Agenda: Joint Session of NCI, Board of Scientific Advisors and Boards of Scientific Counselors.

Place: National Institutes of Health, National Cancer Institute, 9000 Rockville Pike, Building 31, Conference Room 10, Bethesda, MD 20892.

Closed: 11 a.m. to 7:30 p.m.

Agenda: To review and evaluate personal qualifications and performance, and competence of individual investigators.

Place: National Institutes of Health, National Cancer Institute, 9000 Rockville Pike, Building 31, Conference Room 6, Bethesda, MD 20892.

Contact Person: Florence E. Farber, PhD, Executive Secretary, Office of the Director, National Cancer Institute, National Institutes of Health, 6116 Executive Boulevard, Room 2115, Bethesda, MD 20892. 301-496-7628. ff6p@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 into the building by non-government employees. Persons without a government I.D. will need to show a photo I.D. and sign in at the security desk upon entering the building.

(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 1, 2006.

Anna Snouffer,

Acting 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 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 a meeting of the Board of Scientific Counselors for Clinical Sciences and Epidemiology National Cancer Institute.

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 as indicated below in accordance