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The Director, Management Analysis and Services Office, has been delegated the authority to sign **Federal Register** Notices pertaining to announcements of meetings and other committee management activities, for both the Centers for Disease Control and Prevention and the Agency for Toxic Substances and Disease Registry.

Dated: June 17, 2005.

**Alvin Hall,**

Director, Management Analysis and Services Office, Centers for Disease Control and Prevention.

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Government-Owned Inventions; Availability for Licensing

**AGENCY:** National Institutes of Health, Public Health Service, DHHS.

**ACTION:** Notice.

**SUMMARY:** The inventions listed below are owned by an agency of the U.S. Government and are available for licensing in the U.S. in accordance with 35 U.S.C. 207 to achieve expeditious commercialization of results of federally-funded research and development. Foreign patent applications are filed on selected inventions to extend market coverage for companies and may also be available for licensing.

**ADDRESSES:** Licensing information and copies of the U.S. patent applications listed below may be obtained by writing to the indicated licensing contact at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, Rockville, Maryland 20852-3804; telephone: (301) 496-7057; fax: (301) 402-0220. A signed Confidential Disclosure Agreement will be required to receive copies of the patent applications.

#### Infectious Particle Composition and Methods of Use Thereof

Chava Kimchi-Sarfaty and Michael M. Gottesman (NCI),  
DHHS Reference No. E-138-2005/0-US-01.

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Current methods for delivery of small interfering RNA (siRNA) and short hairpin RNA (shRNA) such as cationic

lipid or polyplex delivery systems, do not efficiently deliver siRNAs or shRNAs into a wide range of cell types. Subsequent innovations have resulted in shRNA, but not siRNA, expression cassettes that have been adapted to be compatible with most DNA-based viral vector systems including retroviruses, adenoviruses, lentiviruses, and adeno-associated viruses. As with the transfer of cDNAs, all of these delivery systems require a significant degree of optimization and are often only useful in specific cell systems. Additionally, some viral vectors also have the disadvantage of low titer and large genome size. Further, some of the above viral delivery systems are dependent on helper viruses or packaging cell lines, and some are not able to transduce non-dividing cells, or cells in suspension. Also inherent in current DNA viral delivery systems is a lack of efficiency in delivering the DNA or RNA of interest to the nucleus. Instead, the DNA vector and concomitant siRNA insert remains in the cytoplasm.

siRNA is emerging as a powerful tool for gene silencing and has much potential for anticancer and antiviral applications. However, efficient delivery of these specific siRNAs to the nucleus of a cell is an important aspect of interfering with specific DNA transcription. The present invention provides compositions and methods for use of infectious particles, such as papovavirus pseudovirions, to deliver siRNAs into a variety of mammalian cells. More specifically, the infectious particles may comprise the SV40 capsid protein VP1, papilloma virus capsid protein L1, polyoma virus capsid protein VP1, or several SV40 capsid proteins. The claims further comprise methods for *in vivo* transfer of siRNA as well as a kit comprising the infectious particle and instructions for use as a siRNA delivery system. This pseudovirions technology has proved to be an excellent alternative to DNA-viral vectors for siRNA delivery with high capacity, very high efficiency, and no viral DNA complications. The pseudovirion delivery technology is described in the following background publications: Kimchi-Sarfaty *et al.*, Human Gene Therapy 13: 299-310, 2002; Kimchi-Sarfaty *et al.*, Human Gene Therapy 14: 167-177, 2003; and Kimchi-Sarfaty *et al.*, Gene Ther Mol Biol 8: 439-450, 2004.

This technology is available for licensing on an exclusive or a non-exclusive basis. In addition to licensing, the technology is available for further development through collaborative research opportunities with the inventors.

#### Polyclonal Antibodies to Human Thyroid Hormone Beta Receptor, JC8-TRβ1 And JC16-TRβ1

Dr. Sheue-yann Cheng,  
DHHS Reference No. E-153-2003/0—  
Research Tool.

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In human tissues, there are five thyroid hormone receptor subtypes, TRβ1, TRβ2, TRβ3, TRα1, and TRα2. High affinity polyclonal and monoclonal antibodies have been developed to specifically recognize TRβ and TRα1 in human and mouse tissues. These antibodies have been designated as JC8-TRβ1 and JC16-TRβ1. These antibodies could be used by researchers worldwide in both clinical and research applications.

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

Dated: June 15, 2005.

**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

### Centers for Medicare & Medicaid Services

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#### Agency Information Collection Activities: Proposed Collection; Comment Request

**AGENCY:** Centers for Medicare & Medicaid Services, HHS.

In compliance with the requirement of section 3506(c)(2)(A) of the Paperwork Reduction Act of 1995, the Centers for Medicare & Medicaid Services (CMS) is publishing the following summary of proposed collections for public comment. Interested persons are invited to send comments regarding this burden estimate or any other aspect of this collection of information, including any of the following subjects: (1) The necessity and utility of the proposed information collection for the proper performance of the agency's functions; (2) the accuracy of the estimated burden; (3) ways to enhance the quality, utility, and clarity of the information to be collected; and (4) the use of automated collection techniques or