

| Subject name                                  | Address                   | Effective date |
|-----------------------------------------------|---------------------------|----------------|
| Vegas, Marcy .....                            | Pueblo, CO .....          | 7/20/2004      |
| Venable, Mary .....                           | Indianapolis, IN .....    | 7/20/2004      |
| Verne, Serge .....                            | San Diego, CA .....       | 7/20/2004      |
| Von Foller, Deborah .....                     | Salt Lake City, UT .....  | 7/20/2004      |
| Wagemaker, Kristin .....                      | Pierson, MI .....         | 7/20/2004      |
| Walker, James .....                           | Broomfield, CO .....      | 7/20/2004      |
| Ward, Steven .....                            | Indianapolis, IN .....    | 7/20/2004      |
| Warga, Lynn .....                             | Pittsburgh, PA .....      | 7/20/2004      |
| Wariner, Earlene .....                        | Tucson, AZ .....          | 7/20/2004      |
| Weakly, Tiffon .....                          | Las Vegas, NV .....       | 7/20/2004      |
| West, Cherry .....                            | Franklin, TN .....        | 7/20/2004      |
| Williams, Kenyetta .....                      | Columbus, OH .....        | 7/20/2004      |
| Williams, Michael .....                       | Monticello, KY .....      | 7/20/2004      |
| Wilson, Torrey .....                          | Fredericksburg, VA .....  | 7/20/2004      |
| Zickefoose, Phillip .....                     | Oskaloosa, IA .....       | 7/20/2004      |
| Zintz, Vanda .....                            | Vancouver, WA .....       | 7/20/2004      |
| Federal/State Exclusion/Suspension:           |                           |                |
| Berman, Larry .....                           | Sanford, ME .....         | 7/20/2004      |
| Owned/Controlled by Convicted Entities:       |                           |                |
| Colose Chiropractic .....                     | Schenectady, NY .....     | 7/20/2004      |
| I & Y Enterprise, Inc .....                   | Hialeah, FL .....         | 7/20/2004      |
| J A B Medical Supplies, Inc .....             | Homestead, FL .....       | 7/20/2004      |
| Just Medical Equipment & Services, Inc .....  | Miami, FL .....           | 7/20/2004      |
| Legcare, Inc .....                            | Naples, FL .....          | 7/20/2004      |
| M C M Medical Equipment & Supplies, Inc ..... | Ft Myers, FL .....        | 7/20/2004      |
| Miami Respiratory Care, Inc .....             | Miami, FL .....           | 7/20/2004      |
| Paramount Health Systems, Inc .....           | Chicago, IL .....         | 7/20/2004      |
| Quality Medical Rentals, Inc .....            | Ft Myers, FL .....        | 7/20/2004      |
| Veincare Institute, Inc .....                 | Boca Raton, FL .....      | 7/20/2004      |
| Veincare International, Inc .....             | Baco Raton, FL .....      | 7/20/2004      |
| Veincare of Florida/Daytona BCH .....         | Boca Raton, FL .....      | 7/20/2004      |
| Veincare, Inc .....                           | Boca Raton, FL .....      | 7/20/2004      |
| Default on Heal Loan:                         |                           |                |
| Caulkins, Robert .....                        | Shrewsbury, MA .....      | 7/20/2004      |
| Clifton, Rhea .....                           | Dallas, TX .....          | 7/20/2004      |
| Davidson, Blake .....                         | Richardson, TX .....      | 7/20/2004      |
| Fitzgerald, Robert .....                      | Manlius, NY .....         | 7/20/2004      |
| Gyaami, Opanin .....                          | Vacaville, CA .....       | 7/20/2004      |
| Halstead, Kurt .....                          | Pacifica, CA .....        | 7/20/2004      |
| Huynh, Lac .....                              | Albany, NY .....          | 7/20/2004      |
| Langkop-Wade, Ann .....                       | Plano, TX .....           | 7/20/2004      |
| Liebel-Cook, Donna .....                      | Fort Worth, TX .....      | 7/20/2004      |
| Manzur, Juan .....                            | Indiana Springs, NV ..... | 4/21/2004      |
| Martin, Joseph .....                          | Reedley, CA .....         | 6/16/2004      |
| Mayorgo, Gilbert .....                        | Houston, TX .....         | 7/20/2004      |
| Pankey, John .....                            | Alameda, CA .....         | 7/20/2004      |
| Sasser, Terry .....                           | Arlington, TX .....       | 7/20/2004      |
| Smith, Michael .....                          | Bethel Park, PA .....     | 7/20/2004      |
| Spencer, Keivon .....                         | Cedar Hill, TX .....      | 7/20/2004      |
| Tomlinson, Jody .....                         | Hereford, TX .....        | 7/20/2004      |
| Troublefield, Earl .....                      | Armarillo, TX .....       | 7/20/2004      |
| Valicenti, Patrick .....                      | Wallkill, NY .....        | 7/20/2004      |

Dated: June 8, 2004.

**Kathleen Pettit,**

*Acting Director, Exclusions Staff, Office of  
Inspector General.*

[FR Doc. 04-16138 Filed 7-15-04; 8:45 am]

BILLING CODE 4150-04-P

## 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.

#### **Autoantibody Detection for Cancer Diagnostics**

Yoon Cho-Chung (NCI), US Provisional Application No. 60/551,776 filed 11 Mar 2004 (DHHS Reference No. E-081-2004/0-US-01)

*Licensing Contact:* Brenda Hefti; 301/435-4632; [heftib@mail.nih.gov](mailto:heftib@mail.nih.gov).

The current patent application addresses the need to discover novel biomarkers for the diagnosis, screening and monitoring of tumor progression or regression. The invention relates to compositions and methods for detecting autoantibodies against an extracellular form of protein kinase A (ECPKA) in a biological sample for the diagnosis of cancer. ECPKA is secreted from cancer cells which then elicits the formation of serum autoantibodies which can serve as a cancer diagnostic and prognostic marker. The invention describes a highly sensitive enzyme immunoassay that measures the presence of anti-ECPKA autoantibody in biological samples of cancer patients. The present invention demonstrates that the sera presence of autoantibody directed against ECPKA is highly correlative of cancer. The immunoassay developed for anti-ECPKA antibody is highly sensitive and specific. Use of the immunoassay exhibits markedly high anti-ECPKA antibody titers in cancer patients but low or non-existent titers in normal individual controls. Furthermore, use of the invention to detect anti-ECPKA antibodies is much more sensitive and specific than results from other current assays that detect only antigen activity. The invention demonstrates that the approach of autoantibody analysis, rather than conventional antigen analysis for ECPKA and other cancer antigens, provides a valuable approach for cancer diagnosis. This ECPKA-autoantibody-based immunoassay method provides an important diagnostic procedure applicable for the detection of cancers of various cell types.

#### **Vaccine Peptide Derived from XAGE-1 to Prevent Tumor Growth**

Jay A. Berzofsky, Ira H. Pastan, and Masaki Terabe (NCI), U.S. Provisional Application No. 60/529,025 filed 12 Dec 2003 (DHHS Reference No. E-090-2003/0-US-01)

*Licensing Contact:* Brenda Hefti; 301/435-4632; [heftib@mail.nih.gov](mailto:heftib@mail.nih.gov).

This invention describes a novel peptide derived from the protein XAGE-1 which is expressed specifically in cancer cells of prostate and breast

cancer, as well as Ewing's sarcoma. This peptide is able to bind to human HLA-A2 molecules and to induce specific cytotoxic T lymphocyte response in vivo.

This peptide has therapeutic potential as an immunogen, and might induce cancer specific immune responses in cancer patients, which may cause regression of the cancer or prevent cancer metastasis.

Dated: July 6, 2004.

**Steven M. Ferguson,**

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

[FR Doc. 04-16124 Filed 7-15-04; 8:45 am]

**BILLING CODE 4140-01-P**

### **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.

#### **Proteomic Toolkit for Protein Identification and Quantitation**

David A. Lucas, Thomas P. Conrads, Timothy D. Veenstra (NCI/SAIC) DHHS Reference No. E-255-2004/0—Research Tool

*Licensing Contact:* Michael Shmilovich; (301) 435-5019; [shmilovm@mail.nih.gov](mailto:shmilovm@mail.nih.gov).

A popular software package for the analysis of raw tandem mass spectrometry proteomic data is

SEQUEST (from ThermoFinnigan, San Jose, CA), which converts raw mass spectral data into peptide identifications (Peptide IDs). The large number of Peptide IDs generated by SEQUEST are contained in a single file and require further analysis using other software to identify relevant peptides. The SEQUEST software, however, cannot combine multiple Peptide ID files nor perform data mining.

The present software developed at the NIH and available for licensing, allows multiple Peptide ID files to be collated into a single file for analysis. Thus, one can analyze and mine the data from multiple proteomic experiments. The software provides tools that are not currently available in the management of mass spectrometry proteomic data. This software can be used to query the data asking relevant questions and provide a statistical component. The NIH software also interfaces directly with SEQUEST.

#### **Software for Determining Features of an Anatomical Boundary Within a Digital Representation of Tissue**

Jianhua Yao and Ronald Summers (NIHCC), U.S. Patent Application No. 10/779,210 filed 13 Feb 2004 (DHHS Reference No. E-351-2003/0-US-01), claiming priority to U.S. Provisional Application No. 60/510,640 filed 10 Oct 2003 (DHHS Reference No. E-174-2003/0-US-01).

*Licensing Contact:* Michael Shmilovich; (301) 435-5019; [shmilovm@mail.nih.gov](mailto:shmilovm@mail.nih.gov). Available for licensing and commercial use and/or distribution is software for analyzing virtual anatomical structures and computing the enclosing three-dimensional boundaries. Various techniques can be used to determine tissue types in the virtual anatomical structure. For example, tissue types can be determined via an iso-boundary between lumen and air in the virtual anatomical structure and a fuzzy clustering approach. Based on the tissue type determination, a deformable model approach can be used to determine an enclosing three-dimensional boundary of a feature in the virtual anatomical structure (e.g., a colonic polyp). The software can be applied in a two-dimensional scenario, in which an enclosing two-dimensional boundary is first determined in a two-dimensional digital representation (for example, a slice of a three-dimensional representation) and then propagated to neighboring slices to result in an enclosing three-dimensional boundary of a feature. The software can also be applied in a three-dimensional scenario, in which an enclosing three-