

## August, 2005 Gene-Related Patents Issued

<b>CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>				
<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
<a href="#">6,924,094</a>	<a href="#">Chip-based species identification and phenotypic characterization of microorganisms</a>	Affymetrix, Inc.	<b>2-Aug-05</b>	United States
<a href="#">6,924,109</a>	<a href="#">High-throughput transcriptome and functional validation analysis</a>	AGY Therapeutics, Inc.	<b>2-Aug-05</b>	United States
<a href="#">6,927,046</a>	<a href="#">Increased lysine production by gene amplification using coryneform bacteria</a>	Archer-Daniels-Midland Company	<b>9-Aug-05</b>	United States
<a href="#">6,936,417</a>	<a href="#">Gene expression in bladder tumors</a>	AROS Applied Biotechnology ApS	<b>30-Aug-05</b>	Denmark
<a href="#">6,929,933</a>	<a href="#">Riboflavin synthesis in yeast</a>	BASF AG	<b>16-Aug-05</b>	Germany
<a href="#">6,927,026</a>	<a href="#">Orotidine-5_-phosphate decarboxylase-gene, gene construct containing said gene and the utilization thereof</a>	BASF Aktiengesellschaft	<b>9-Aug-05</b>	Germany
<a href="#">6,933,111</a>	<a href="#">Glufosinate tolerant rice</a>	Bayer BioScience N.V.	<b>23-Aug-05</b>	Belgium
<a href="#">6,927,041</a>	<a href="#">Human neuropeptide Y-like G protein-coupled receptor</a>	Bayer Corporation	<b>9-Aug-05</b>	United States
<a href="#">6,933,110</a>	<a href="#">Trypanosoma cruzi antigen, gene encoding therefor and methods of detecting and treating chagas disease</a>	Bio Merieux	<b>23-Aug-05</b>	France
<a href="#">6,929,941</a>	<a href="#">Chimeric cell-targeting pathogenic organism and method of therapeutic use</a>	California Institute of Technology	<b>16-Aug-05</b>	United States
<a href="#">6,924,144</a>	<a href="#">Method and means for producing high titer, safe, recombinant lentivirus vectors</a>	Cell Genesys, Inc.	<b>2-Aug-05</b>	United States
<a href="#">6,924,126</a>	<a href="#">Cloning, expression and characterization of the SPG4 gene responsible for the most frequent form of autosomal spastic paraplegia</a>	Centre National de la Recherche Scientifique (CNRS)	<b>2-Aug-05</b>	France
<a href="#">6,933,138</a>	<a href="#">Thermostable L-arabinose isomerase and process for preparing D-tagatose</a>	CJ Corp.	<b>23-Aug-05</b>	Korea
<a href="#">6,929,946</a>	<a href="#">Gene delivery vectors provided with a tissue tropism for smooth muscle cells, and/or endothelial cells</a>	Crucell Holland B.V.	<b>16-Aug-05</b>	Netherlands
<a href="#">6,924,134</a>	<a href="#">Nucleotide sequences which code for the qorA gene</a>	Degussa AG	<b>2-Aug-05</b>	Germany
<a href="#">6,927,052</a>	<a href="#">Nucleotide sequences coding for the pknD gene</a>	Degussa AG	<b>9-Aug-05</b>	Germany
<a href="#">6,929,909</a>	<a href="#">Gene targeting vectors comprising conditional positive selection markers</a>	Deltagen, Inc.	<b>16-Aug-05</b>	United States
<a href="#">6,929,928</a>	<a href="#">Genes encoding carotenoid compounds</a>	E. I. du Pont de Nemours and Company	<b>16-Aug-05</b>	United States
<a href="#">6,924,117</a>	<a href="#">Human RRP sequences and methods of use</a>	Exelixis, Inc.	<b>2-Aug-05</b>	United States

6,936,449	<a href="#">Regulatable growth of filamentous fungi</a>	<b>Genencor International, Inc.</b>	<b>30-Aug-05</b>	United States
6,924,110	<a href="#">NPBS2 gene involved in the steroid-resistant nephrotic syndrome, protein encoded by said gene and diagnostic and therapeutic uses</a>	<b>Institut National de la Sante et de la Rescherche Medicale</b>	<b>2-Aug-05</b>	France
6,933,118	<a href="#">Method of testing for psoriasis vulgaris</a>	<b>Kanagawa</b>	<b>23-Aug-05</b>	Japan
6,927,057	<a href="#">Macrolide analogs</a>	<b>Kosan Biosciences</b>	<b>9-Aug-05</b>	United States
6,924,132	<a href="#">Protein complementing yeast low temperature-sensitivity fermentability</a>	<b>Kyowa Hakko Kogyo Co., Ltd.</b>	<b>2-Aug-05</b>	Japan
6,936,425	<a href="#">Attenuated salmonella SP12 mutants as antigen carriers</a>	<b>Microscience Limited</b>	<b>30-Aug-05</b>	United Kingdom
6,929,938	<a href="#">25501, a human transferase family member and uses therefor</a>	<b>Millennium Pharmaceuticals, Inc.</b>	<b>16-Aug-05</b>	United States
6,933,115	<a href="#">Nucleic acid molecules encoding GLUTX and uses thereof</a>	<b>Millennium Pharmaceuticals, Inc.</b>	<b>23-Aug-05</b>	United States
6,929,931	<a href="#">Expression constructs using Lactobacillus delbrueckii subsp. lactis lac repressor protein and its lac repressor binding site, microorganisms and methods thereof</a>	<b>Nestec S.A.</b>	<b>16-Aug-05</b>	Switzerland
6,936,465	<a href="#">Plasmid vector comprising a retroviral integrase gene and an integrase recognition region</a>	<b>Nippon Institute for Biological Science</b>	<b>30-Aug-05</b>	Japan
6,924,106	<a href="#">Rifamycin biosynthesis gene cluster</a>	<b>Novartis AG</b>	<b>2-Aug-05</b>	Switzerland
6,933,119	<a href="#">Methods and compositions for the detection and treatment of multiple sclerosis</a>	<b>Roche Molecular Systems, Inc.</b>	<b>23-Aug-05</b>	United States
6,924,101	<a href="#">Methods for identifying anti-microbial agents</a>	<b>San Diego State University Foundation</b>	<b>2-Aug-05</b>	United States
6,924,102	<a href="#">Utilization of nucleotide probes for the measurement of specific mRNA for the molecular diagnosis of autosomal recessive spinal muscular atrophy</a>	<b>San Jose</b>	<b>2-Aug-05</b>	United States
6,924,100	<a href="#">Gene alteration in the gene for the G<sub>3</sub>-subunit of the human G protein</a>	<b>Siffert; Winfried</b>	<b>2-Aug-05</b>	Germany
6,933,150	<a href="#">Relationship of ABC transport proteins with hematopoietic stem cells and methods of use thereof</a>	<b>St. Jude Children's Research Hospital</b>	<b>23-Aug-05</b>	United States
6,924,097	<a href="#">Plant promoter and method for gene expression using said promoter</a>	<b>Takara Shuzo Co., Ltd.</b>	<b>2-Aug-05</b>	Japan
6,924,128	<a href="#">Packaging cell lines for generation of high titers of recombinant AAV vectors</a>	<b>Targeted Genetics Corporation</b>	<b>2-Aug-05</b>	United States
6,929,919	<a href="#">Proteins related to schizophrenia and uses thereof</a>	<b>The Governing Council of the University of Toronto</b>	<b>16-Aug-05</b>	Canada
6,924,096	<a href="#">Delivery construct for antisense nucleic acids and methods of use</a>	<b>The Johns Hopkins University School of Medicine</b>	<b>2-Aug-05</b>	United States

<a href="#">6,929,910</a>	<a href="#">Diagnostic and therapeutic methods using the H37 tumor suppressor gene</a>	The Regents of the University of California	16-Aug-05	United States
<a href="#">6,927,059</a>	<a href="#">Compositions and methods for identifying agents which regulate autolytic processes in bacteria</a>	Trustees of Dartmouth College	9-Aug-05	United States
<a href="#">6,929,913</a>	<a href="#">Compositions and methods for regulating autolytic processes in bacteria</a>	Trustees of Dartmouth College	16-Aug-05	United States
<a href="#">6,933,145</a>	<a href="#">Materials and methods for delivery and expression of heterologous DNA in vertebrate cells</a>	University of Florida Research Foundation, Inc.	23-Aug-05	United States
<a href="#">6,936,447</a>	<a href="#">Autoinducer molecule</a>	University of Iowa Research Foundation	30-Aug-05	United States
<a href="#">6,924,146</a>	<a href="#">Method of constructing vectors for homologous recombination directed mutagenesis</a>	Wattler; Sigrid	2-Aug-05	United States
<a href="#">6,927,023</a>	<a href="#">Method of identifying modulators of HIV-1 Vpu and Gag interaction with U binding protein (Ubp)</a>	Wisconsin Alumni Research Foundation	9-Aug-05	United States

#### CHEMISTRY: NATURAL RESINS OR DERIVATIVES

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">6,924,358</a>	<a href="#">121P1F1: a tissue specific protein highly expressed in various cancers</a>	Agensys, Inc.	2-Aug-05	United States
<a href="#">6,933,365</a>	<a href="#">Mutant tyrosine repressor proteins</a>	Ajinomoto Co., Inc.	23-Aug-05	Japan
<a href="#">6,936,692</a>	<a href="#">Complementary DNAs</a>	Genset, S.A.	30-Aug-05	France
<a href="#">6,936,690</a>	<a href="#">Molecules of the card-related protein family and uses thereof</a>	Millennium Pharmaceuticals, Inc.	30-Aug-05	United States
<a href="#">6,933,364</a>	<a href="#">Secretory thyroid stimulating hormone receptor, and method for assaying anti-thyroid stimulating hormone receptor antibody using the same</a>	Tosoh Corporation	23-Aug-05	Japan
<a href="#">6,927,278</a>	<a href="#">Peptide scaffolds for transfer of molecules into eukaryotic cells</a>	Trustees of the University of Pennsylvania	9-Aug-05	United States

#### COATING PROCESSES

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">6,936,311</a>	<a href="#">Generation of biomaterial microarrays by laser transfer</a>	The United States of America as represented by the Secretary of the Navy	30-Aug-05	United States

#### DATA PROCESSING

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">6,931,326</a>	<a href="#">Methods for obtaining and using haplotype data</a>	Genaissance Pharmaceuticals, Inc.	16-Aug-05	United States
<a href="#">6,934,636</a>	<a href="#">Methods of genetic cluster analysis and uses thereof</a>	Genset, S.A.	23-Aug-05	France

<a href="#">6,928,368</a>	<a href="#">Gene mining system and method</a>	The Board Regents, The University of Texas System	9-Aug-05	United States
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<b>DRUG</b>				
Patent Number	Title	Assignee	Date Issued	Country
<a href="#">6,929,799</a>	<a href="#">D-alanine racemase mutants of mycobacteria and uses therefore</a>	Board of Regents University of Nebraska-Lincoln	16-Aug-05	United States
<a href="#">6,929,795</a>	<a href="#">Chimeric gene formed of the DNA sequences that encode the antigenic determinants of four proteins of L. infantum, useful for serologic diagnosis of canine leishmaniosis and protein obtained</a>	C.B.F. Leti S.A.	16-Aug-05	Spain
<a href="#">6,933,286</a>	<a href="#">Therapeutic delivery compositions and methods of use thereof</a>	Emanuele; R. Martin	23-Aug-05	United States
<a href="#">6,936,595</a>	<a href="#">Tumour-specific vector for gene therapy</a>	Heart BioSystems, GmbH	30-Aug-05	Germany
<a href="#">6,936,593</a>	<a href="#">Method of down-regulating gene expression</a>	Hybridon, Inc.	30-Aug-05	United States
<a href="#">6,936,594</a>	<a href="#">Gene therapy for cerebrovascular disorders</a>	Osaka	30-Aug-05	Japan
<a href="#">6,933,276</a>	<a href="#">Methods of treating peripheral neuropathies using neurotrophin-3</a>	Regeneron Pharmaceuticals, Inc.	23-Aug-05	United States
<a href="#">6,929,796</a>	<a href="#">Methods to treat undesirable immune responses</a>	Regents of the University of Minnesota	16-Aug-05	United States
<a href="#">6,923,970</a>	<a href="#">Retrovirus-like particles made non-infectious by a plurality of mutations</a>	Sanofi Pasteur Limited	2-Aug-05	United States
<a href="#">6,923,971</a>	<a href="#">Respiratory syncytial virus vaccines expressing protective antigens from promoter-proximal genes</a>	The United States of America as represented by the Department of Health & Human Services	2-Aug-05	United States
<a href="#">6,926,889</a>	<a href="#">Recombinant bacteria for use in insect control</a>	University of Hawaii	9-Aug-05	United States
<a href="#">6,936,259</a>	<a href="#">CAMP factor of Streptococcus uberis</a>	University of Saskatchewan	30-Aug-05	Canada
<a href="#">6,923,972</a>	<a href="#">Methods for use of genetically modified tumor-targeted bacteria with reduced virulence</a>	Vion Pharmaceuticals, Inc.	2-Aug-05	United States

<b>MULTICELLULAR LIVING ORGANISMS</b>				
Patent Number	Title	Assignee	Date Issued	Country
<a href="#">6,936,748</a>	<a href="#">Polyphenol oxidase genes from potato tuber, grape, apple and broad bean</a>	Commonwealth Scientific and Industrial Research Organisation	30-Aug-05	Australia
<a href="#">6,933,422</a>	<a href="#">Nav2 channel gene-deficient mice</a>	Japan as represented by Director of General of Okazaki National Research Institute	23-Aug-05	Japan
<a href="#">6,927,319</a>	<a href="#">Natural herbicide resistance in soybeans</a>	Natural Genes, Inc.	9-Aug-05	United States

<a href="#">6,927,320</a>	<a href="#">Short-root gene, promoter, and uses thereof</a>	<b>New York University</b>	<b>9-Aug-05</b>	United States
<a href="#">6,927,317</a>	<a href="#">Modulating ramp activity</a>	<b>Pfizer, Inc.</b>	<b>9-Aug-05</b>	United States
<a href="#">6,927,318</a>	<a href="#">WIP, a WASP-associated protein</a>	<b>The Children's Medical Center Corporation</b>	<b>9-Aug-05</b>	United States
<a href="#">6,936,747</a>	<a href="#">Methods for the replacement, translocation and stacking of DNA in eukaryotic genomes</a>	<b>The United States of America as represented by the Secretary of Agriculture</b>	<b>30-Aug-05</b>	United States
<a href="#">6,936,749</a>	<a href="#">Nonsymbiotic plant hemoglobins to maintain cell energy status</a>	<b>The University of Manitoba</b>	<b>30-Aug-05</b>	Canada
<a href="#">6,924,414</a>	<a href="#">Muir-torre-like syndrome in Fhit deficient mice</a>	<b>Thomas Jefferson University</b>	<b>2-Aug-05</b>	United States

#### ORGANIC COMPOUNDS

<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
<a href="#">6,936,708</a>	<a href="#">Expression of Alfin 1 and methods for producing transgenic plants having increased root growth and root specific gene activation</a>	<b>Arizona Board of Regents, acting for and on behalf of Arizona State University</b>	<b>30-Aug-05</b>	United States
<a href="#">6,933,378</a>	<a href="#">Methods for coexpression of more than one gene in eukaryotic cells</a>	<b>Atabekov; Joseph</b>	<b>23-Aug-05</b>	Russian Fed.
<a href="#">6,933,373</a>	<a href="#">P53 protein variants and therapeutic uses thereof</a>	<b>Aventis Pharma S.A.</b>	<b>23-Aug-05</b>	France
<a href="#">6,933,377</a>	<a href="#">Compositions comprising multiple immunodeficiency virus subunits for inducing an immune response</a>	<b>Chen; Qun</b>	<b>23-Aug-05</b>	United States
<a href="#">6,936,704</a>	<a href="#">Nucleic acids encoding costimulatory molecule B7-4</a>	<b>Dana-Farber Cancer Institute, Inc.</b>	<b>30-Aug-05</b>	United States
<a href="#">6,927,288</a>	<a href="#">Plant thermogenic genes and proteins</a>	<b>Japan Science and Technology Corporation</b>	<b>9-Aug-05</b>	Japan
<a href="#">6,933,374</a>	<a href="#">Farnesyl pyrophosphate synthase protein, nucleic acid and promoter region thereof</a>	<b>Sapporo Breweries Limited</b>	<b>23-Aug-05</b>	Japan
<a href="#">6,927,286</a>	<a href="#">Bleomycin gene cluster components and their uses</a>	<b>The Regents of the University of California</b>	<b>9-Aug-05</b>	United States
<a href="#">6,930,182</a>	<a href="#">Composition and methods of using the Mirabilis mosaic caulimovirus sub-genomic transcript (Sgt) promoter for plant genetic engineering</a>	<b>University of Kentucky Research Foundation</b>	<b>16-Aug-05</b>	United States
<a href="#">6,924,368</a>	<a href="#">Variable region of the monoclonal antibody against the HBV S-surface antigen and a gene encoding the same</a>	<b>Yuhan Corporation</b>	<b>2-Aug-05</b>	Korea

#### SURGERY

<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
<a href="#">6,928,318</a>	<a href="#">System and method for assessing the performance of a pharmaceutical agent delivery system</a>	<b>Merck &amp; Co., Inc.</b>	<b>9-Aug-05</b>	United States