

August, 2006 Gene-Related Patents Issued

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Patent Number	Title	Assignee	Date Issued	Country
7,098,020	DNA encoding hydantoinase, DNA encoding N-carbamyl-L-amino acid hydrolase, recombinant DNA, transformed cell, method of producing protein, and method of producing optically active amino acid	Ajinomoto Co., Inc.	29-Aug-06	Japan
7,090,998	Method for producing target substance by fermentation	Ajinomoto Co., Inc.	15-Aug-06	Japan
7,083,915	Polycystic kidney disease PKD2 gene and uses thereof	Albert Einstein College of Medicine of Yeshiva University	1-Aug-06	United States
7,091,029	High titer recombinant AAV production	Applied Genetics Technologies Corporation	15-Aug-06	United States
7,094,606	Use of mixed duplex oligonucleotides to effect localized genetic changes in plants	Arntzen; Charles J.	22-Aug-06	United States
7,097,990	Method of screening cell death inhibitor	Astellas Pharma Inc.	29-Aug-06	Japan
7,087,415	Methods and compositions for directed gene assembly	Athena Biotechnologies, Inc.	8-Aug-06	Germany
7,083,967	Cyanobacterial nucleic acid fragments encoding proteins useful for controlling plant traits via nuclear or plastome transformation	BASF Corporation	1-Aug-06	Germany
7,090,991	System for detection of a functional interaction between a compound and a cellular signal transduction component	Cadus Technologies, Inc.	15-Aug-06	United States
7,098,010	Directed evolution of oxidase enzymes	California Institute of Technology	29-Aug-06	United States
RE39,219	Growth arrest homeobox gene	Case Western Reserve University	1-Aug-06	United States
7,083,981	Method and means for producing high titer, safe, recombinant lentivirus vectors	Cell Genesys, Inc.	1-Aug-06	United States
7,091,006	PGC-1.beta., a novel PGC-1 homologue and uses therefor	Dana-Farber Cancer Institute, Inc.	15-Aug-06	United States
7,094,544	Genetic test for the identification of carriers of complex vertebral malformations in cattle	Danmarks Jordbrugsforskning	22-Aug-06	Denmark
7,094,584	L-Lysine-producing corynebacteria and process for the preparation of L-lysine	Degussa AG	22-Aug-06	Germany
7,083,942	Alleles of the aceA gene from coryneform bacteria	Degussa AG	1-Aug-06	Germany
7,098,005	Natural promoters for gene expression in C1 metabolizing bacteria	E. I. du Pont de Nemours and Company	29-Aug-06	United States

7,098,021	Proteases from gram positive organisms	Genencor International, Inc.	29-Aug-06	United States
7,097,994	UDP-N-acetylglucosamine:galactose-.beta.1,3-N-acetylgalactosamine-.alpha.-- R/ (GlcNAc to GalNAc).beta.1-6 N-acetylglucosaminyltransferase. C2GnT3	Glycozym ApS	29-Aug-06	Denmark
7,094,578	.alpha.1,2 fucosyltransferase	Governors of the University of Alberta	22-Aug-06	Canada
7,087,383	Nucleic acid sequences showing enhanced expression in benign neuroblastoma compared with acritical human neuroblastoma	Hisamitsu Pharmaceutical Co., Inc.	8-Aug-06	Japan
7,098,008	Selected primers for detection of MAGE or GAGE genes for diagnosis of cancer and methods of use	iC&G DO. Ltd.	29-Aug-06	Korea
7,091,004	Regulation of translation for recombinant protein production	Immunex Corporation	15-Aug-06	United States
7,083,979	Methods for enhanced retroviral-mediated gene transfer	Indiana University Foundation	1-Aug-06	United States
7,097,977	Target of anticancer agent	Japan Science and Technology Corporation	29-Aug-06	Japan
7,083,972	Transformant and process for producing polyester by using the same	Kaneka Corporation	1-Aug-06	Japan
7,091,017	Fructosyl amino acid oxidase	Kikkoman Corporation	15-Aug-06	Japan
7,094,530	.alpha.-1,3-fucosyltransferase	Kyowa Hakko Kogyo Co., Ltd.	22-Aug-06	Japan
7,098,018	Aminopeptidase derived from bacillus licheniformis. gene encoding the aminopeptidase. expression vector containing the gene. transformant and method for preparation thereof	LG Life Sciences Ltd.	29-Aug-06	Korea
7,098,025	Human peroxisome proliferator activated receptor gamma (ppar.gamma.) gene regulatory sequences and uses therefor	Ligand Pharmaceuticals Incorporated	29-Aug-06	United States
7,098,028	Stable macroscopic membranes formed by self-assembly of amphiphilic peptides and uses therefor	Massachusetts Institute of Technology	29-Aug-06	United States
7,091,005	Gene responsible for Stargardt-like dominant macular dystrophy	Merck & Co., Inc.	15-Aug-06	United States
7,090,986	Protein for blocking platelet adhesion	Merck Patent GmbH	15-Aug-06	Germany
7,094,587	16002 Molecules and uses therefor	Millennium Pharmaceuticals, Inc.	22-Aug-06	United States
7,098,015	27875, 22025, 27420, 17906, 16319, 55092 and 10218 molecules and uses therefor	Millennium Pharmaceuticals, Inc.	29-Aug-06	United States
7,094,589	53010, A novel human carboxylesterase family member and uses thereof	Millennium Pharmaceuticals, Inc.	22-Aug-06	United States

7,083,944	Molecules of the card-related protein family and uses thereof	Millennium Pharmaceuticals, Inc.	1-Aug-06	United States
7,094,603	Materials and methods for treating oncological disease	Morphogenesis, Inc.	22-Aug-06	United States
7,083,953	Method for the production of p-Hydroxybenzoate in species of Pseudomonas and Agrobacterium	North Carolina State University	1-Aug-06	United States
7,094,536	Methods and compositions for amplification of RNA sequences	NuGEN Technologies, Inc.	22-Aug-06	United States
7,094,538	Diagnostic assay for cancer susceptibility	Oklahoma Medical Research Foundation	22-Aug-06	United States
7,091,018	Enzyme gene and its expression product	Otsuka Pharmaceutical Co., Ltd.	15-Aug-06	Japan
7,091,033	Array of toxicologically relevant canine genes and uses thereof	Phase-1 Molecular Toxicology, Inc.	15-Aug-06	United States
7,097,972	Method and composition for regulating apoptosis	Regents of the University of Michigan	29-Aug-06	United States
7,091,038	Ecdysone receptor-based inducible gene expression system	RheoGene, Inc.	15-Aug-06	United States
7,098,022	Family 19 class IV chitinase gene from yam	San-In Kensetsu Kougyou Co., Ltd.	29-Aug-06	Japan
7,087,419	DNA encoding a plant lipase, transgenic plants and a method for controlling senescence in plants	Senesco, Inc.	8-Aug-06	United States
7,083,921	Method to determine the risk for side effects of an SSRI treatment in a person	The Board of Trustees of the Leland Stanford Junior University	1-Aug-06	United States
7,083,919	High throughput assay for identification of gene expression modifiers	The Research Foundation of State University of New York	1-Aug-06	United States
7,083,918	Bacterial small-molecule three-hybrid system	The Trustees of Columbia University in the City of New York	1-Aug-06	United States
7,083,923	High-throughput glutathione S-transferase polymorphic allele assay design	University of Utah Research Foundation	1-Aug-06	United States
7,090,992	Bioluminescent bioreporter integrated circuit devices and methods for detecting estrogen	UT-Battelle, LLC	15-Aug-06	United States
7,087,379	Method of detecting single gene copies in-situ	Ventana Medical Systems, Inc.	8-Aug-06	United States
7,098,014	Ralstonia ahl-acylase gene	Zhang; Lian Hui	29-Aug-06	Singapore

CHEMISTRY: NATURAL RESINS OR DERIVATIVES				
Patent Number	Title	Assignee	Date Issued	Country
7,087,718	C-type lectin transmembrane antigen expressed in human prostate cancer and uses thereof	Agensys, Inc.	8-Aug-06	United States
7,098,311	Fusion of jAZF1 and jjAZ1 genes in endometrial stromal tumors	Brigham and Women's Hospital	29-Aug-06	United States
7,087,712	Peptide for triggering an immune reaction against tumor cells	Immatics Biotechnologies GmbH	8-Aug-06	Germany

7,091,316	Protein induced by homogeneous blood transfusion and DNA encoding the same	Maruho Co., Ltd.	15-Aug-06	Japan
7,094,875	Co-stimulatory polypeptides	Maxygen, Inc.	22-Aug-06	United States
7,084,254	Ti-4 protein derived from Triatoma infestans exhibiting activity to inhibit platelet aggregation	Mie University	1-Aug-06	Japan
7,087,715	Human paris-1 antigen and nucleic acids: diagnostic and therapeutic uses	Northwest Biotherapeutics, Inc.	8-Aug-06	United States
7,084,241	Specific inhibitors of NFAT activation by calcineurin and their use in treating immune-related diseases	The CBR Institute for Biomedical Research, Inc.	1-Aug-06	United States
7,087,717	Sp110, a polypeptide component of the nuclear body	The General Hospital Corporation	8-Aug-06	United States
7,084,252	DB, the receptor for leptin	The Rockefeller University	1-Aug-06	United States
7,084,239	Cancer peptides of NY-ESO-1/CAG-3	The United States of America as represented by the Department of Health and Human Services	1-Aug-06	United States
7,087,721	Compositions, kits and treating methods for alteration cell-cell adhesion, transport, or permeation properties of tissues	Wu; Hua-Lin	8-Aug-06	Taiwan

DRUG				
Patent Number	Title	Assignee	Date Issued	Country
7,094,791	Derivatives of 3-hydroxy-pyrrole-2,4-dicarboxylic acid and uses thereof	Avalon Pharmaceuticals, Inc.	22-Aug-06	United States
7,097,829	Transgenic cells transfected with pituitary tumor transforming gene (PTTG)) expression vectors and uses therefor	Cedars-Sinai Medical Center	29-Aug-06	United States
7,087,234	Recombinant multivalent viral vaccine	Cornell Research Foundation, Inc.	8-Aug-06	United States
7,083,791	Methods for enhancing immune responses by fibroblast growth factor receptor 5 polypeptides	Genesis Research & Development Corporation Limited	1-Aug-06	New Zealand
7,090,836	Vector for expressing .alpha.-L-iduronidase and method of treating MPS I by stereotactic injection into the brain of a mammal	Institut Pasteur	15-Aug-06	France
RE39,238	Transgenic pathogen-resistant organism	Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.	15-Aug-06	Germany
7,083,792	Immunologically active proteins from Borrelia burgdorferi	Mikrogen Molekularbiologische Entwicklungs - GmbH	1-Aug-06	Germany
7,097,832	Intramyocardial injection of autologous bone marrow	Myocardial Therapeutics, Inc.	29-Aug-06	United States

7,090,846	Method for preparing polycation based bioconjugates suitable for transporting different kinds of active substances within the body	Refuah Research, Inc.	15-Aug-06	United States
7,094,400	Transkaryotic implantation	Shire Human Genetic Therapies, Inc.	22-Aug-06	United States
7,098,191	Hyperthermic inducible expression vectors for gene therapy and methods of use thereof	The Arizona Board of Reagents	29-Aug-06	United States
7,083,790	Extracellular serine protease	The Board of Trustees of the University of Arkansas Systems	1-Aug-06	United States
7,090,864	Non-invasive gene targeting to ocular cells	The Regents of the University of California	15-Aug-06	United States
7,090,837	Compositions and methods for tissue specific targeting of lentivirus vectors	The Salk Institute for Biological Studies	15-Aug-06	United States
7,087,230	Proteins in enteroaggregative escherichia coli (EAEC) useful for diagnosis and therapy of EAEC infections	University Of Maryland	8-Aug-06	United States
7,090,850	Proteins in enteroaggregative Escherichia coli (EAEC) useful for diagnosis and therapy of EAEC infections	University of Maryland	15-Aug-06	United States
7,094,398	Recombinant adenoviral vectors expressing chimeric fiber proteins for cell specific infection and genome integration	University of Washington	22-Aug-06	United States
7,083,794	Recombinant vaccines comprising immunogenic attenuated bacteria having RpoS positive phenotype	Washington University	1-Aug-06	United States

OPTICAL				
Patent Number	Title	Assignee	Date Issued	Country
7,092,154	Apparatus for microscopic observation of long-term culture of single cell	Japan Science and Technology Corporation	15-Aug-06	Japan

MULTICELLULAR LIVING ORGANISMS AND UNMODIFIED PARTS				
Patent Number	Title	Assignee	Date Issued	Country
7,094,958	Rice .alpha.-amylase transcriptional enhancers	Academia Sinica	22-Aug-06	Taiwan
7,087,811	Enhanced protein production in higher plants by N-terminal fusion of a ubiquitin or a cucumber mosaic virus coat protein peptide	Agency for Science, Technology and Research	8-Aug-06	Singapore
7,087,808	Method for expressing multiple recombinant proteins in milk of transgenic non-human mammals	Animal Technology Institute Taiwan	8-Aug-06	Taiwan

7,094,952	Method for obtaining transgenic plants expressing a protein with activity producing hydrogen peroxide by transformation by agrobacterium rhizogenes	Biogemma	22-Aug-06	France
7,087,814	Genes encoding sulfate assimilation proteins	E. I. du Pont de Nemours and Company	8-Aug-06	United States
7,098,379	Plant UDP-glucose dehydrogenase	E.I. du Pont de Nemours and Company	29-Aug-06	United States
7,087,819	Non-pungent ornamental peppers	Edwards; Marlin	8-Aug-06	United States
7,087,812	Vectors for transforming plants	Japan Tobacco Inc.	8-Aug-06	Japan
7,098,373	IL-18 transgenic animal	Mizutani; Hitoshi	29-Aug-06	Japan
7,098,382	Promoter having specific activity to pistil tissue and use of the same	National Institute of Agrobiological Sciences	29-Aug-06	Japan
7,094,945	OSR-1 nucleic acids and proteins	Northwestern University	22-Aug-06	United States
7,094,950	Poly ADP-ribose polymerase gene and it uses	Pioneer Hi-Bred International, Inc.	22-Aug-06	United States
7,091,397	Nucleic acid molecules encoding polypeptides having the enzymatic activity of an RNA-directed RNA polymerase (RdRP)	Plant Bioscience Limited	15-Aug-06	United Kingdom
7,091,404	Soybean cultivar CL821418	Syngenta Participations AG	15-Aug-06	Switzerland
7,094,951	Cloning and characterization of the broad-spectrum resistance gene Pi2	The Ohio State University	22-Aug-06	United States
7,091,396	Animals, cells and methods for production of detectably-labeled antibodies	The Rockefeller University	15-Aug-06	United States
7,098,374	Human disease modeling using somatic gene transfer	University of Florida Research Foundation, Inc.	29-Aug-06	United States

ORGANIC COMPOUNDS				
Patent Number	Title	Assignee	Date Issued	Country
7,094,886	Evi27 gene sequences and protein encoded thereby	Board of Trustees of the University of Arkansas	22-Aug-06	United States
7,094,891	Replication protein a binding transcriptional factor (RBT1) and uses thereof	Center for Translation Research in cancer	22-Aug-06	Canada
7,087,733	Human ARL-related gene variants associated with cancers	Dai; Ken-Shwo	8-Aug-06	Taiwan
7,094,887	UDP-N-acetylglucosamine: galactose-.beta.1,3-N-acetylgalactosamine-.alpha.-R(GlcNAc to GalNAc) .beta.1,6-N-acetylglucosaminyltransferase. C2GnT3	GlycoZym ApS	22-Aug-06	Denmark

7,084,267	Promoter regions of the mouse and human telomerase RNA component genes	Keith; William Nicol	1-Aug-06	United Kingdom
7,087,743	Oligonucleotides and use of oligonucleotides modulating the expression of enzymes involved in the synthesis of melanic pigments, as depigmentation agents	LVMH Recherche	8-Aug-06	France
7,098,324	Chitinase encoding DNA molecules from cotton expressed preferentially in secondary walled cells during secondary wall deposition and a corresponding promoter	Texas Tech University	29-Aug-06	United States
7,087,741	Nucleic acids encoding novel proteins in enteroaggregative escherichia coli (EAEC)	University of Maryland	8-Aug-06	United States
7,091,332	Treatment of staphylococcus infections	University of Vermont	15-Aug-06	United States

RADIANT ENERGY				
Patent Number	Title	Assignee	Date Issued	Country
7,095,032	Focusing of microscopes and reading of microarrays	Montagu; Jean I.	22-Aug-06	United States