

## JULY, 2006 Gene-related Patents Issued

CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING				
Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7071004</a>	<a href="#">14094, a novel human trypsin family member and uses thereof</a>	Millennium Pharmaceuticals, Inc.	4-Jul-06	United States

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7070981</a>	<a href="#">Gene 763 of phytopathogenic fungus Magnaporthe grisea and use thereof for identifying fungicidal compounds</a>	Bayer CropScience S.A.	4-Jul-06	United States
<a href="#">7070943</a>	<a href="#">Detection of protein conformations in single cells</a>	Becton Dickinson and Company	4-Jul-06	United States
<a href="#">7070957</a>	<a href="#">STARS--a muscle-specific actin-binding protein</a>	Board of Regents, The University of Texas System	4-Jul-06	United States
<a href="#">7081360</a>	<a href="#">Expression of G protein-coupled receptors with altered ligand binding and/or coupling properties</a>	Cadus Technologies, Inc.	25-Jul-06	United States
<a href="#">7070998</a>	<a href="#">Adeno-associated virus materials and methods</a>	Children's Hospital, Inc.	4-Jul-06	United States
<a href="#">7074602</a>	<a href="#">Method for producing L-threonine</a>	CJ Corporation	11-Jul-06	Korea
<a href="#">7074607</a>	<a href="#">Polynucleotide sequences which encode the zwa1 gene</a>	Degussa AG	11-Jul-06	Germany
<a href="#">7074608</a>	<a href="#">Method for the production of 1,3-propanediol by recombinant organisms comprising genes for coenzyme B.sub.12 synthesis</a>	E. I. du Pont de Nemours and Company	11-Jul-06	United States
<a href="#">7074588</a>	<a href="#">Carotenoid ketolase gene</a>	E. I. du Pont de Nemours and Company	11-Jul-06	United States
<a href="#">7078185</a>	<a href="#">Gene encoding a nonribosomal peptide synthetase for the production of ramoplanin</a>	Ecopia BioSciences Inc.	18-Jul-06	Canada
<a href="#">7078216</a>	<a href="#">Proteases from gram positive organisms</a>	Genencor International, Inc.	18-Jul-06	United States
<a href="#">7070986</a>	<a href="#">Proteases from gram positive organisms</a>	Genencor International, Inc.	4-Jul-06	United States
<a href="#">7070990</a>	<a href="#">Proteases from GRAM positive organisms</a>	Genencor International, Inc.	4-Jul-06	United States
<a href="#">7081340</a>	<a href="#">Gene expression profiling in biopsied tumor tissues</a>	Genomic Health, Inc.	25-Jul-06	United States
<a href="#">7070930</a>	<a href="#">Chimeric vectors comprising a phage packaging site and a portion derived from the genome of a eukaryotic virus</a>	GenVec, Inc.	4-Jul-06	United States
<a href="#">7081336</a>	<a href="#">Dual resonance energy transfer nucleic acid probes</a>	Georgia Tech Research Corporation	25-Jul-06	United States
<a href="#">7074611</a>	<a href="#">Method for the stable inversion of DNA sequence by site-specific recombination and DNA vectors and transgenic cells thereof</a>	GIE-Cerbn, Centre Europeen de Recherche en Biologie et en Medecine	11-Jul-06	France

<a href="#">7078206</a>	<a href="#">UDP-N-acetylglucosamine: galactose-.beta.1,3-N-acetylgalactosamine-.alpha.-R/ (GlcNAc to GalNAc) .beta.1,6N-acetylglucosaminyltransferase, C2GnT3</a>	<b>GlycoZym ApS</b>	<b>18-Jul-06</b>	Denmark
<a href="#">7070992</a>	<a href="#">Retroviral vectors with foreign-sequence insertion between retroviral primer binding site and retroviral splice donor</a>	<b>Heinrich-Pette-Institute</b>	<b>4-Jul-06</b>	Germany
<a href="#">7078175</a>	<a href="#">Antibodies for apoptosis EI24 protein and methods of use</a>	<b>Immunogen, Inc.</b>	<b>18-Jul-06</b>	United States
<a href="#">7074562</a>	<a href="#">Ghrelin alleles and use of the same for genetically typing animals</a>	<b>Iowa State University Research Foundation, Inc.</b>	<b>11-Jul-06</b>	United States
<a href="#">7070929</a>	<a href="#">Genetic markers for improved disease resistance in animals (BPI)</a>	<b>Iowa State University Research Foundation, Inc.</b>	<b>4-Jul-06</b>	United States
<a href="#">7081335</a>	<a href="#">Prolactin receptor gene as a genetic marker for increased litter size in animals</a>	<b>Iowa State University Research Foundation, Inc.</b>	<b>25-Jul-06</b>	United States
<a href="#">7078212</a>	<a href="#">Mutant .alpha.-amylases</a>	<b>Kao Corporation</b>	<b>18-Jul-06</b>	Japan
<a href="#">7070989</a>	<a href="#">Escherichia coli strain secreting human granulocyte colony stimulating factor (G-CSF)</a>	<b>Korea Advanced Institute of Science and Technology</b>	<b>4-Jul-06</b>	Korea
<a href="#">7070954</a>	<a href="#">Isolated SH3 genes associates with myeloproliferative disorders and leukemia and uses thereof</a>	<b>Korenberg; Julie R.</b>	<b>4-Jul-06</b>	United States
<a href="#">7078196</a>	<a href="#">RNA interference mediating small RNA molecules</a>	<b>Max-Planck-Gesellschaft zur Foerderung der Wissenschaften, e.V.</b>	<b>18-Jul-06</b>	Germany
<a href="#">7074590</a>	<a href="#">Chimeric promoters</a>	<b>Maxygen, Inc.</b>	<b>11-Jul-06</b>	United States
<a href="#">7081357</a>	<a href="#">Biological systems for manufacture of polyhydroxyalkanoate polymers containing 4-hydroxyacids</a>	<b>Metabolix, Inc.</b>	<b>25-Jul-06</b>	United States
<a href="#">7070947</a>	<a href="#">Human protein kinase, phosphatase, and protease family members and uses thereof</a>	<b>Millennium Pharmaceuticals, Inc.</b>	<b>4-Jul-06</b>	United States
<a href="#">7078184</a>	<a href="#">52906 Potassium channel nucleic acids and uses therefor</a>	<b>Millennium Pharmaceuticals, Inc.</b>	<b>18-Jul-06</b>	United States
<a href="#">7081344</a>	<a href="#">Methods for screening compounds that bind human COE-2</a>	<b>Millennium Pharmaceuticals, Inc.</b>	<b>25-Jul-06</b>	United States
<a href="#">7078234</a>	<a href="#">Maize embryo-specific promoter compositions and methods for use thereof</a>	<b>Monsanto Technology LLC</b>	<b>18-Jul-06</b>	United States
<a href="#">7081338</a>	<a href="#">Gene useful for diagnosis and treatment of aplasia of corpus callosum and aspermatogenesis and use thereof</a>	<b>Morinaga Milk Industry Co., Ltd.</b>	<b>25-Jul-06</b>	Japan
<a href="#">7078169</a>	<a href="#">Methods for the identification of inhibitors of an isoprenoid metabolic pathway</a>	<b>Rosetta Inpharmatics LLC</b>	<b>18-Jul-06</b>	United States
<a href="#">7074553</a>	<a href="#">Retrovirus associated with myelodysplastic syndromes and uses thereof</a>	<b>Rush University Medical Center</b>	<b>11-Jul-06</b>	United States

<a href="#">7070934</a>	<a href="#">Ligand-controlled regulation of endogenous gene expression</a>	Sangamo Biosciences, Inc.	4-Jul-06	United States
<a href="#">7070997</a>	<a href="#">Isolated nucleotides encoding tomato senescence-induced eIF-5A</a>	Senesco, Inc.	4-Jul-06	United States
<a href="#">7074616</a>	<a href="#">Mouse CXC chemokine receptor</a>	Shionogi & Co., Ltd.	11-Jul-06	Japan
<a href="#">7070931</a>	<a href="#">Cancer control</a>	Takara Bio Inc.	4-Jul-06	Japan
<a href="#">7070923</a>	<a href="#">Provision of carbon nanotube bucky paper cages for immune shielding of cells, tissues, and medical devices</a>	America as represented by the Administrator of the National Aeronautics and Space Administration	4-Jul-06	United States
<a href="#">7070978</a>	<a href="#">Method for expressing and purifying proteins using budded baculovirus</a>	Toudai TLO, Ltd.	4-Jul-06	Japan
<a href="#">7070974</a>	<a href="#">Metalloproteases of the neprilysin family</a>	Universite de Montreal	4-Jul-06	Canada
<a href="#">7081363</a>	<a href="#">Better emergence characteristics and improved seedling growth under low-light environments</a>	Yale University	25-Jul-06	United States

#### CHEMISTRY: NATURAL RESINS OR DERIVATIVES

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7081522</a>	<a href="#">Gene causative of Rothmund-Thomson syndrome and gene product</a>	Agene Research Institute Co., Ltd.	25-Jul-06	Japan
<a href="#">7081516</a>	<a href="#">Methods for categorizing patients</a>	Case Western Reserve University	25-Jul-06	United States
<a href="#">7071294</a>	<a href="#">Tumor antigen protein art-1 and tumor antigen peptide thereof</a>	Green Peptide Co., Ltd.	4-Jul-06	Japan
<a href="#">7071309</a>	<a href="#">Antibodies to breast specific gene 1</a>	Human Genome Sciences, Inc.	4-Jul-06	United States
<a href="#">7071295</a>	<a href="#">Signal for targeting molecules to the sarco(endo)plasmic reticulum</a>	Intrexon Corporation	4-Jul-06	United States
<a href="#">7078481</a>	<a href="#">Potassium channel interactors and uses therefor</a>	Millennium Pharmaceuticals, Inc.	18-Jul-06	United States
<a href="#">7081515</a>	<a href="#">CIDE-B polypeptides</a>	Serono Genetics Institute S.A.	25-Jul-06	France

#### CLEANING COMPOSITIONS FOR SOLID SURFACES

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7078372</a>	<a href="#">Proteases from gram positive organisms</a>	Genencor International, Inc.	18-Jul-06	United States

#### DRUG

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7078031</a>	<a href="#">Pseudotyped lentiviral vectors and uses thereof</a>	Dana-Farber Cancer Institute, Inc.	18-Jul-06	United States
<a href="#">7081244</a>	<a href="#">Neisserial vaccine compositions and methods</a>	Health Protection Agency	25-Jul-06	United Kingdom
<a href="#">7074772</a>	<a href="#">Design principle for the construction of expression constructs for gene therapy</a>	Mologen AG	11-Jul-06	Germany

<a href="#">7078435</a>	<a href="#">Autoinducer compounds</a>	University	18-Jul-06	United States
<a href="#">7070792</a>	<a href="#">Chlamydia antigens and corresponding DNA fragments and uses thereof</a>	Sanofi Pasteur Limited	4-Jul-06	Canada
<a href="#">7081245</a>	<a href="#">Chlamydia antigens and corresponding DNA fragments and uses thereof</a>	Sanofi Pasteur Limited	25-Jul-06	Canada
<a href="#">7078379</a>	<a href="#">Treatment of congenital muscular dystrophies</a>	Pharmaceuticals (Schweiz) GmbH	18-Jul-06	Switzerland
<a href="#">7074761</a>	<a href="#">Peptides and production and use thereof</a>	Takeda Chemical Ind., Ltd.	11-Jul-06	Japan
<a href="#">7074400</a>	<a href="#">Regulatory constructs comprising intron 3 of prostate specific membrane antigen gene</a>	The Commonwealth of Australia	11-Jul-06	Australia
<a href="#">7078032</a>	<a href="#">Delivery of therapeutic biologicals from implantable tissue matrices</a>	The General Hospital Corporation	18-Jul-06	United States
<a href="#">7078029</a>	<a href="#">Herpes simplex virus strains</a>	University of Pittsburgh of the Commonwealth System of Higher Education	18-Jul-06	United States
<a href="#">7081243</a>	<a href="#">Rhabdoviruses with reengineered coats</a>	Yale University	25-Jul-06	United States

#### FOOD OR EDIBLE MATERIAL

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7070819</a>	<a href="#">Proteases from gram positive organisms</a>	Genencor International, Inc.	4-Jul-06	United States

#### MULTICELLULAR LIVING ORGANISMS

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7071385</a>	<a href="#">Promoter and intron from maize actin depolymerizing factor</a>	Dow AgroSciences LLC	4-Jul-06	United States
<a href="#">7071381</a>	<a href="#">Plant vitamin e biosynthetic enzymes</a>	E. I. Du Pont de Nemours & Company	4-Jul-06	United States
<a href="#">7071382</a>	<a href="#">Inhibitors of apoptosis proteins in plants</a>	E. I. du Pont de Nemours and Company	4-Jul-06	United States
<a href="#">7078585</a>	<a href="#">Bacterial cell component- unresponsive model mouse</a>	Japan Science and Technology Agency	18-Jul-06	Japan
<a href="#">7081562</a>	<a href="#">Model animal with favorite onset or rheumatoid arthritis</a>	Japan Science and Technology Agency	25-Jul-06	Japan
<a href="#">7074987</a>	<a href="#">Genetically-controlled herbicide resistance in cotton plants in the absence of genetic engineering</a>	Natural Genes, Inc.	11-Jul-06	United States
<a href="#">7071376</a>	<a href="#">Genes encoding p-coumarate 3-hydroxylase (C3H) and methods of use</a>	Purdue Research Foundation	4-Jul-06	United States
<a href="#">7078588</a>	<a href="#">Seed specific USP promoters for expressing genes in plants</a>	Renessen LLC	18-Jul-06	United States
<a href="#">7071392</a>	<a href="#">Soybean cultivar CL615261</a>	Syngenta Participations AG	4-Jul-06	Switzerland
<a href="#">7071391</a>	<a href="#">Soybean cultivar M03393</a>	Syngenta Participations AG	4-Jul-06	Switzerland
<a href="#">7081561</a>	<a href="#">Gene-targeted animal model of apolipoprotein E4 domain interaction and uses thereof</a>	The Regents of the University of California	25-Jul-06	United States

<a href="#">7081567</a>	<a href="#">Transgenic dunaliella salina as a bioreactor</a>	Xue; Lexun	25-Jul-06	China P, Rep
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#### ORGANIC COMPOUNDS

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7078515</a>	<a href="#">Sodium-channel alpha1-subunit and their polypeptides and their treatment of generalized epilepsy with febrile seizures plus</a>	Bionomics Limited	18-Jul-06	Australia
<a href="#">7078513</a>	<a href="#">Plasmids comprising nucleic acids from the hereditary hemochromatosis gene</a>	Bio-Rad Laboratories, Inc.	18-Jul-06	United States
<a href="#">7078502</a>	<a href="#">Nucleotide sequences for encoding of the lvsR2-gene</a>	Degussa AG	18-Jul-06	Germany
<a href="#">7071320</a>	<a href="#">Desaturase antigen of mycobacterium tuberculosis</a>	Institut Pasteur	4-Jul-06	France
<a href="#">7078503</a>	<a href="#">Plant regulatory sequences for selective control of gene expression</a>	Monsanto Technology, LLC	18-Jul-06	United States
<a href="#">7071315</a>	<a href="#">Alleles of the human mu opioid receptor, diagnostic methods using said alleles, and methods of treatment based thereon</a>	The Rockefeller University	4-Jul-06	United States
<a href="#">7078507</a>	<a href="#">Synthetic genes for malarial proteins and methods of use</a>	The United States of America as represented by the Secretary, Department of Health and Human Services	18-Jul-06	United States

#### SYNTHETIC RESINS OR NATURAL RUBBERS

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7081495</a>	<a href="#">Cationic compounds and their use as macro molecular carriers</a>	School of Pharmacy, University of London	25-Jul-06	United Kingdom









