NOVEMBER, 2006 Gene-related Patents Issued

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Patent Number	**Title**	**Assignee**	**Date Issued**	**Country**
7,135,285	Identification of molecular sequence signatures and methods involving the same	**Affymetrix, Inc.**	**14-Nov-06**	United States
7,141,388	Nucleotide sequences for transcriptional regulation in corynebacterium glutamicum	**Archer-Daniels-Midland Company**	**28-Nov-06**	United States
7,138,276	Differentiation-suppressive polypeptide serrate-2 and methods of use	**Asahi Kasei Kabushiki Kaisha**	**21-Nov-06**	Japan
7,141,423	Constitutive promoter from arabidopsis	**Biogemma S.A.S.**	**28-Nov-06**	France
7,138,272	Gene transfer in human lymphocytes using retroviral scFv cell targeting	**Bundesrepublik Deutschland**	**21-Nov-06**	Germany
7,138,248	Method of inhibiting inward rectifier, G-protein activated, mammalian, potassium channels and uses thereof	**California Institute of Technology**	**21-Nov-06**	United States
7,135,316	Escherichia coli having accession No. PTA 1579 and its use to produce polyhydroxybutyrate	**Council of Scientific & Industrial Research**	**14-Nov-06**	India
7,141,364	Universal primers for wildlife identification	**Council of Scientific and Industrial Research**	**28-Nov-06**	India
7,135,313	Method for producing L-lysine or L-lysine containing feed additives with a cornebacteria containing a mutated lysC	**Degussa AG**	**14-Nov-06**	Germany
7,132,272	Nucleotide sequence encoding corynebacterium glutamicum leucine response regulatory protein	**Degussa AG**	**14-Nov-06**	Germany
7,135,315	Aldehyde dehydrogenase gene	**DSM IP Assets B.V.**	**14-Nov-06**	Netherlands
7,132,250	Soybean 1-deoxy-D-xylulose 5-phosphate synthase and DNA encoding thereof	**E. I. du Pont de Nemours and Company**	**14-Nov-06**	United States
7,132,257	Production or aromatic carotenoids in gram negative bacteria	**E. I. du Pont de Nemours and Company**	**14-Nov-06**	United States
7,141,412	Process for preparing optically active 3-hydroxypyrrolidine derivatives by enzymatic hydroxylation	**Eidgenossische Technische Hochschule Zurich**	**28-Nov-06**	Switzerland
7,138,267	Methods and compositions for amplifying DNA clone copy number	**Epicentre Technologies Corporation**	**21-Nov-06**	United States
7,135,292	Analysis and modification of gene expression in marine invertebrate cells	**Harbor Branch Oceanographic Institution, Inc.**	**14-Nov-06**	United States
7,138,277	Genes encoding plant transcription factors	**Incorporated Administrative Agency, National Agriculture and Bio-Oriented Research Organization**	**21-Nov-06**	Japan

7,138,234	Gene involved in CADASIL, method of diagnosis and therapeutic application	**Institut National de la Sante et de la Recherche Medicale**	**21-Nov-06**	France
7,132,273	Cell wall anchor proteins derived from yeast, genes thereof and cell surface expression systems using the same	**Korea Research Institute of Bioscience and Biotechnology**	**14-Nov-06**	Korea
7,141,424	Solely pollen-specific promoter	**Korea University Industry& Academy Cooperation Foundation**	**28-Nov-06**	Korea
7,138,233	IN vitro sorting method	**Medical Research Council**	**21-Nov-06**	United Kingdom
7,138,273	Method of identifying non-host plant disease resistance genes	**Monsanto Technology LLC**	**21-Nov-06**	United States
7,138,278	Maize cytoplasmic glutamine synthetase promoter compositions and methods for use thereof	**Monsanto Technology, L.L.C.**	**21-Nov-06**	United States
7,135,283	Topoisomerase type II gene polymorphisms and their use in identifying drug resistance and pathogenic strains of microorganisms	**Nanogen, Inc.**	**14-Nov-06**	United States
7,132,292	Anther-specific promoter from the rice TUB8 gene and uses thereof	**National Institute of Agrobiological Sciences**	**14-Nov-06**	Japan
7,141,404	Candida kefyr cytosine deaminase	**Onyx Pharmaceuticals, Inc.**	**28-Nov-06**	United States
7,132,276	Human p51 genes and gene products thereof	**Otsuka Pharmaceutical Co., Ltd**	**14-Nov-06**	Japan
7,138,235	Nucleic acid molecules comprising the promoter for PCA3, and uses thereof	**Stichting Katholieke Universiteit**	**21-Nov-06**	Netherlands
7,141,422	Transgenic trees exhibiting increased growth, biomass production and xylem fibre length, and methods for their production	**SweTree Technologies AB**	**28-Nov-06**	Sweden
7,135,291	Method of detecting nucleotide polymorphism	**Takara Bio Inc.**	**14-Nov-06**	Japan
7,141,402	.alpha.-Agarase and process for producing the same	**Takara Bio Inc.**	**28-Nov-06**	Japan
7,141,409	Hyaluronan synthase gene and uses thereof	**The Board of Regents of the University of Oklahoma**	**28-Nov-06**	United States
7,135,303	Regulators of type-1 tumor necrosis factor receptor and other cytokine receptor shedding	**The United States of America as represented by the Department of Health and Human Services**	**14-Nov-06**	United States
7,135,333	Compositions that specifically bind to colorectal cancer cells and methods of using the same	**Thomas Jefferson University**	**14-Nov-06**	United States
7,141,417	Compositions, kits, and methods relating to the human FEZ1 gene, a novel tumor suppressor gene	**Thomas Jefferson University**	**28-Nov-06**	United States

7,135,339	Methods for producing and using in vivo pseudotyped retroviruses using envelope glycoproteins from lymphocytic choriomeningitis virus (LCMV)	**University of Iowa Research Foundation**	**14-Nov-06**	United States
7,135,278	Method of screening for therapeutics for infectious diseases	**University of Rochester**	**14-Nov-06**	United States

CHEMISTRY: NATURAL RESINS OR DERIVATIVES				
Patent Number	**Title**	**Assignee**	**Date Issued**	**Country**
7,135,549	Nucleic acid and corresponding protein entitled 184P1E2 useful in treatment and detection of cancer	**Agensys, Inc.**	**14-Nov-06**	United States
7,132,509	Colon specific gene and protein	**Human Genome Sciences, Inc.**	**14-Nov-06**	United States
7,138,494	Sodium-independent small neutral amino acid transporter transporting L- and D-amino acids	**Japan Science and Technology Corporation**	**21-Nov-06**	Japan
7,141,653	Human monoclonal antibodies to interleukin-5	**Schering Corporation**	**28-Nov-06**	United States

DATA PROCESSING				
Patent Number	**Title**	**Assignee**	**Date Issued**	**Country**
7,133,780	Computer software for automated annotation of biological sequences	**Affymetrix, Inc.**	**14-Nov-06**	United States
7,139,740	System and method for developing artificial intelligence	**Ayala; Francisco J.**	**21-Nov-06**	United States

DRUG				
Patent Number	**Title**	**Assignee**	**Date Issued**	**Country**
7,135,187	System for production of helper dependent adenovirus vectors based on use of endonucleases	**AdVec, Inc.**	**14-Nov-06**	United States
7,141,243	gM-negative EHV-mutants without heterologous elements	**Boehringer Ingelheim Vetmedica GmbH**	**28-Nov-06**	Germany
7,141,240	Glucose-dependent insulin-secreting cells transfected with a nucleotide sequence encoding GLP-1	**Cedars-Sinai Medical Center**	**28-Nov-06**	United States
7,138,126	Transformed Shigella	**Institut Pasteur**	**21-Nov-06**	France
7,132,407	DNA vaccine containing tumor-associated gene and cytokine gene and method of preparation the same	**National Cheng Kung University**	**14-Nov-06**	Taiwan
7,138,378	Genetic suppression and replacement	**Optigen Patents Limited**	**21-Nov-06**	Ireland
7,132,399	Mammalian cell surface DNA receptor	**Oregon Health & Science University**	**14-Nov-06**	United States

MULTICELLULAR LIVING ORGANISMS

Patent Number	Title	Assignee	Date Issued	Country
7,132,587	Non-autonomous transposon gene of rice, transformed plant and method of use	Agency of Industrial Science and Technology	14-Nov-06	Japan
7,135,614	Brassica or helianthus plants having mutant delta-12 or delta-15 sequences	Cargill, Incorporated	14-Nov-06	United States
7,138,565	Methods and means for obtaining modified phenotypes	Commonwealth Scientific and Industrial Research Organisation	21-Nov-06	Australia
7,135,622	Mevalonate synthesis enzymes	E. I. du Pont de Nemours and Company	14-Nov-06	United States
7,135,624	Enzymes involved in triterpene synthesis	E. I. du Pont de Nemours and Company	14-Nov-06	United States
7,141,720	Transcriptional factor enhancing the resistance of plants to osmotic stress	Genomine, Inc.	28-Nov-06	Korea
7,138,567	Ga20 oxidase from rice and uses thereof	Honda Motor Co., Ltd.	21-Nov-06	Japan
7,138,564	Isolated Amaranthus agglutinin gene and uses thereof	Institute of Microbiology Chinese Academy of Sciences	21-Nov-06	China, P. Rep.
7,135,625	Gene concerning brassinosteroid-sensitivity of plants and utilization thereof	National Institute of Agrobiological Sciences	14-Nov-06	Japan
7,135,626	Soybean seeds and plants exhibiting natural herbicide resistance	Natural Genes, Inc.	14-Nov-06	United States
7,138,563	Gene of aluminum-activated malate transporter of a plant and a protein encoded by the gene	Okayama University	21-Nov-06	Japan
7,132,594	Soybean cultivar WW152201	Syngenta Participations AG	14-Nov-06	Switzerland
7,132,593	Soybean cultivar CL727636	Syngente Participations AG	14-Nov-06	Switzerland
7,132,590	Methods of making male-sterile plants by underexpressing allene oxide synthase	The Arizona Board of Regents on Behalf of the University of Arizona	14-Nov-06	United States
7,135,613	Chimeric gene constructs for generation of fluorescent transgenic ornamental fish	The National University of Singapore	14-Nov-06	Singapore

ORGANIC COMPOUNDS				
Patent Number	Title	Assignee	Date Issued	Country
7,141,658	Single stranded oligonucleotides, probes, primers and method for detecting spirochetes	bioMerieux	28-Nov-06	France
7,138,509	GANP protein	Kumamoto Technology & Industry Foundation	21-Nov-06	Japan
7,132,528	Promoter from the rice triosephosphate isomerase gene OsTPI	Monsanto Technology LLC	14-Nov-06	United States
7,132,524	Plant brassinolide responsive genes and use thereof	National Agriculture and Bio-oriented Research Organization	14-Nov-06	Japan

7,138,515	Translational activity-promoting higher-order structure	**National Institute of Agrobiological Sciences**	**21-Nov-06**	Japan
7,138,505	Factor VIII:C nucleic acid molecules	**Novartis Vaccines and Diagnostics, Inc.**	**21-Nov-06**	United States
7,132,523	Human PRSS11-Like S2 serine protease and uses thereof	**Ortho-McNeil Pharmaceutical, Inc.**	**14-Nov-06**	United States
7,132,526	Isolation and characterisation of an anther-specific promoter (CoFS) in cotton	**Temasek Life Sciences Laboratory**	**14-Nov-06**	Singapore
7,138,511	Nucleic acids, kits and methods for the diagnosis, prognosis and treatment of glaucoma and related disorders	**The Regents of the University of California**	**21-Nov-06**	United States
7,141,661	Non-steroidal anti-inflammatory drug activated gene with anti-tumorigenic properties	**The United States of America as represented by the Department of Health and Human Services**	**28-Nov-06**	United States
7,141,662	Nucleic acids encoding novel proteins in enteroaggregative Escherichia coli (EAEC)	**University of Maryland, Baltimore**	**28-Nov-06**	United States
7,132,521	Molecular regulatory circuits to achieve sustained activation of genes of interest by a single stress	**Voellmy; Richard**	**14-Nov-06**	United States

SURGERY				
Patent Number	**Title**	**Assignee**	**Date Issued**	**Country**
7,141,044	Alternate site gene therapy	**EKOS Corporation**	**28-Nov-06**	United States