

**FEBRUARY 2010 Gene-Related Patents Issued - Full patent:**<http://patft.uspto.gov/netahtml/PTO/srchnum.htm>

<b>CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING</b>				
<b>Pat No</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
7,662,641	Method of using Zven antibodies	Zymogenetics, Inc.	16-Feb-10	United States

<b>CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>				
<b>Pat No</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
7,666,655	Escherichia bacteria transformed with the yddG gene to enhance L-amino acid producing activity	Ajinomoto Co., Inc.	23-Feb-10	Japan
7,666,586	Gene expression in biological conditions	Aros Applied Biotechnology APS	23-Feb-10	Denmark
7,662,628	Human Akt3 nucleic acid and uses thereof	Aventis Pharmaceuticals Inc.	16-Feb-10	United States
7,655,466	Production process for munant	Azuma; Takachika	2-Feb-10	Japan
7,659,095	Methods for determining the presence or absence of elite event RF-BN1 in Brassica plant material	Bayer CropScience N.V.	9-Feb-10	Belgium
7,655,420	Methods to increase or decrease bone density	Celltech R & D, Inc.	2-Feb-10	United States
7,655,398	Compositions and methods for detection and treatment of proliferative abnormalities associated with overexpression of human transketolase like-1 gene	Coy; Johannes	2-Feb-10	Germany
7,666,648	Isolated polypeptide having arabinofuranosidase activity	Danisco US Inc.	23-Feb-10	United States
7,655,448	Plant caffeic acid 3-O-methyltransferase homologs	E. I. du Pont de Nemours and Company	2-Feb-10	United States
7,666,634	Fermentation process for the preparation of L-amino acid using modified Escherichia coli wherein the ytfP-yjfA gene region is inactivated	Evonik Degussa GmbH	23-Feb-10	Germany
7,662,606	.beta.-agarase isolated from Thalassomonas agarivorans, preparation process and uses thereof	Food Industry Research & Development Institute	16-Feb-10	Taiwan
7,666,621	Methods of producing recombinant protein D	Forsgren; Arne	23-Feb-10	Sweden
7,662,558	Method of profiling gene expression in a human subject	GeneNews Corporation	16-Feb-10	Canada
7,655,452	Brevibacillus choshinensis and process for prodcuing protein wtih use of the microbe as host	Higeta Shoyu Co., Ltd.	2-Feb-10	Japan
7,662,586	Synthetic gene encoding human epidermal growth factor 2/neu antigen and uses thereof	Instituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A.	16-Feb-10	Italy

7,666,670	Animal model for the fast identification of pharmaceutical active compounds in vivo	Janssen Pharmaceutica N.V.	23-Feb-10	Belgium
7,666,678	Proteins imparting boron-tolerance and genes thereof	Japan Science and Technology Agency	23-Feb-10	Japan
7,662,626	Cells and methods for estimation of effects on neurological dysfunction	Kabushiki Kaisha Toshiba	16-Feb-10	Japan
7,659,068	Carrier for gene detection and its use for detecting validity of interferon therapy	Kabushiki Kaisha Toshiba	9-Feb-10	Japan
7,655,450	Polypeptide having amidase activity and gene thereof	Kaneka Corporation	2-Feb-10	Japan
7,659,064	PNA chip using zip-codes and fabrication method thereof	Korea Advanced Institute of Sciences and Technology	9-Feb-10	Korea
7,659,114	Recombinant feline herpesvirus type 1 and polyvalent vaccine using the same	Kyoritsu Seiyaku Corporation	9-Feb-10	Japan
7,655,437	Synthetic gene coding for human granulocyte-colony stimulating factor for the expression in E. coli	Lek Pharmaceuticals d.d.	2-Feb-10	Slovenis
7,659,058	Method for identifying target epitopes of the T cell mediated immune response and for assaying epitope-specific T cells	Lophius Biosciences GmbH	9-Feb-10	Germany
7,655,465	Methods for ex vivo propagation of somatic hair follicle stem cells	Massachusetts Institute of Technology	2-Feb-10	United States
7,655,435	Emulsion compositions	Medical Research Council	2-Feb-10	United Kingdom
7,655,432	Kinases and uses thereof	Millennium Pharmaceuticals, Inc.	2-Feb-10	United States
7,655,469	Nucleic acid molecules and other molecules associated with the cytokinin pathway	Monsanto Technology LLC	2-Feb-10	United States
7,662,595	Compounds and methods for assessment of microsatellite instability (MSI) status	MTM Laboratories, AG	16-Feb-10	Germany
7,662,627	Adeno-associated virus materials and methods	Nationwide Children's Hospital, Inc.	16-Feb-10	United States
7,662,621	Bovine immunodeficiency virus (BIV) based vectors	Novartis AG	16-Feb-10	United States
7,659,054	Methods for genetic analysis of DNA to detect sequence variances	Nuvelo, Inc.	9-Feb-10	United States
7,666,669	Polypeptide	Oxford Biomedica (UK) Limited	23-Feb-10	United Kingdom
7,666,584	Identification of a pin specific gene and protein (PIN-1) useful as a diagnostic treatment for prostate cancer	Philadelphia Health & Education Coporation	23-Feb-10	United States
7,662,550	Assays for short sequence variants	PHRI Properties, Inc.	16-Feb-10	United States

7,659,065	Transgenic fungi expressing Bcl-2 and methods of using Bcl-2 or portions thereof for improving biomass production, survival, longevity and stress resistance of fungi	Ramot At Tel Aviv University Ltd.	9-Feb-10	Israel
7,666,640	DNA sequences for the expression of alloproteins	Riken Japan Science and Technology Agency of 1-8	23-Feb-10	Japan
7,666,603	Breast cancer related protein, gene encoding the same, and method of diagnosing breast cancer using the protein and gene	Samsung Electronics Co., Ltd.	23-Feb-10	Korea
7,662,552	Method of diagnosing and treating lesion of crystalline lens using human CRYGS gene and coding product thereof	Shanghai Institutes of Biological Science, Chinese Academy of Sciences	16-Feb-10	China P Rep
7,662,556	Covalent joining of DNA to RNA by vaccinia topoisomerase and uses thereof	Sloan Kettering Institute for Cancer Research	16-Feb-10	United States
7,666,676	Modulating cancer cell characteristics	St. Joseph's Children's Hospital	23-Feb-10	United States
7,655,403	CHD7 gene polymorphisms are associated with susceptibility to idiopathic scoliosis	Texas Scottish Rite Hospital for Children	2-Feb-10	United States
7,659,062	Gene expression profiling of uterine serous papillary carcinomas and ovarian serous papillary tumors	The Board of Trustee of the University of Arkansas System	9-Feb-10	United States
7,655,434	Live-cell biosensor polypeptides and methods of use	The Board of Trustees of the Leland Stanford Junior University	2-Feb-10	United States
7,666,595	Biomarkers for predicting prostate cancer progression	The Brigham and Women's Hospital, Inc.	23-Feb-10	United States
7,655,444	Method of predicting the clinical response to chemotherapeutic treatment with alkylating agents	The Johns Hopkins University School of Medicine	2-Feb-10	United States
7,666,608	Methods for determining drug responsiveness	The Trustees of the University of Pennsylvania	23-Feb-10	United States
7,655,397	Selections of genes and methods of using the same for diagnosis and for targeting the therapy of select cancers	The United States of America as represented by the Department of Health and Human Services	2-Feb-10	United States
7,659,103	Nucleic acid construct containing fulllength genome of human hepatitis C virus, recombinant fulllength virus genome-replicating cells having the nucleic acid construct transferred thereinto and method of producing hepatitis C virus Particle	Tokyo Metropolitan Organization For Medical Research	9-Feb-10	Japan

7,659,112	Process for producing physiologically active protein using genetically modified silkworm	Toray Industries, Inc.	9-Feb-10	Japan
7,666,616	Nucleic acid sequences encoding luciferase for expression in filamentous fungi	Trustees of Dartmouth College	23-Feb-10	United States
7,662,629	Peptide scaffolds for transfer of molecules into eukaryotic cells	Trustees of the University of Pennsylvania	16-Feb-10	United States
7,655,468	Stable lipid-comprising drug delivery complexes and methods for their production	University of Pittsburgh	2-Feb-10	United States
7,662,553	Polymorphisms in the ERCC1 gene for predicting treatment outcome	University of Southern California	16-Feb-10	United States
7,655,401	Methods for identifying subjects susceptible to ataxic neurological disease	University of Washington	2-Feb-10	United States
7,662,564	Polymorphisms in mitochondrial transcription factor A ("TFAM") gene and their associations with measures of marbling and subcutaneous fat depth in beef cattle	Washington State University Research Foundation	16-Feb-10	United States
7,666,599	Calpastatin markers for fertility and longevity	Washington State University Research Foundation	23-Feb-10	United States
7,659,082	Methods for identifying analgesic agents	Xenon Pharmaceuticals Inc.	9-Feb-10	Canada
7,655,439	Trimerizing polypeptides	ZymoGenetics, Inc.	2-Feb-10	United States

<b>DATA PROCESSING</b>				
<b>Pat No</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
7,657,379	Methods and systems for determining the biological function of cell constituents using response profiles	Microsoft Corporation	2-Feb-10	United States
7,668,659	Diagnosis and classification of multiple myeloma	The Board of Trustees of the University of Arkansas	23-Feb-10	United States

<b>DRUG</b>				
<b>Pat No</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
7,662,772	Methods for treating congestive heart failure	Acorda Therapeutics, Inc.	16-Feb-10	United States
7,655,234	Nucleic acid and corresponding protein entitled 161P2F10B useful in treatment and detection of cancer	Agensys, Inc.	2-Feb-10	United States
7,666,412	Methods for the treatment of neoplastic disorders with anti-caveolin agents	Baylor College of Medicine	23-Feb-10	United States

7,662,776	Treatment of tumors using short peptides from human chorionic gonadotropin (HCG)	Biotempt B.V.	16-Feb-10	Netherlands
7,666,853	siRNA targeting connective tissue growth factor (CTGF)	Dharmacon, Inc.	23-Feb-10	United States
7,666,361	Microfluidic devices and methods of using same	Fluidigm Corporation	23-Feb-10	United States
7,658,916	Methods of enhancing lysosomal storage disease therapy by modulation of cell surface receptor density	Genzyme Corporation	9-Feb-10	United States
7,659,243	Treatment of ALS and variants thereof consisting of primary lateral sclerosis (PLS) or spinal muscular atrophy (SMA)	Royal College of Surgeons in Ireland	9-Feb-10	Ireland
7,662,795	Enhancement of adenoviral oncolytic activity by modification of the E1A gene product	The Johns Hopkins University	16-Feb-10	United States
7,666,850	Drug screens based on the newly found role of dystroglycan proteolysis and restoration of dystroglycan function thereof	The Regents of the University of California	23-Feb-10	United States
7,662,395	Method of enhancing a targeted immune response against tumors	The United States of America as represented by the Department of Health and Human Services	16-Feb-10	United States
7,662,397	Respiratory syncytial virus vaccines expressing protective antigens from promoter-proximal genes	The United States of America as represented by the Department of Health and Human Services	16-Feb-10	United States
7,659,258	Double-stranded synthetic oligonucleotides useful for inducing apoptosis of osteoclasts for the treatment of osteopenic pathologies	Universita' Degli Studi di Ferrara	9-Feb-10	Italy
7,662,793	Inhibition of human squamous cell carcinoma growth in vivo by epidermal growth factor receptor antisense RNA transcribed from a Pol III promoter	University of Pittsburgh of the Commonwealth System of Higher Education	16-Feb-10	United States
7,662,791	Gene silencing using mRNA-cDNA hybrids	University of Southern California	16-Feb-10	United States

<b>ELECTROLYSIS</b>				
<b>Pat No</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
7,655,130	Glucose dehydrogenase from <i>Aspergillus oryzae</i>	Toyo Boseki Kabushiki Kaisha	2-Feb-10	Japan

<b>IMAGE ANALYSIS</b>
-----------------------

Pat No	Title	Assignee	Date Issued	Country
7,664,328	Joint classification and subtype discovery in tumor diagnosis by gene expression profiling	Siemens Corporation	16-Feb-10	United States

#### LIQUID PURIFICATION OR SEPARATION

Pat No	Title	Assignee	Date Issued	Country
7,658,850	Mixed bacterial culture for atrazine degradation	Rudjer Boskovic Institute	9-Feb-10	Croatia

#### MULTICELLULAR LIVING ORGANISMS

Pat No	Title	Assignee	Date Issued	Country
7,659,444	Compositions and methods using RNA interference for control of nematodes	BASF Plant Science GmbH	9-Feb-10	Germany
7,667,114	Starch branching enzyme	Commonwealth Scientific and Industrial Research Organisation	23-Feb-10	Australia
7,659,450	Lcb1 subunit of serine palmitoyltransferase	E. I. du Pont de Nemours and Company	9-Feb-10	United States
7,659,449	Regulation of gene expression in plants	Fonterra Co-Operative Group Limited	9-Feb-10	New Zealand
7,663,017	Transgenic mice having a human major histocompatibility complex (MHC) phenotype, experimental uses and applications	Institut Pasteur	16-Feb-10	France
7,655,834	Plant pigment accumulation gene	Japan Atomic Energy Research Institute	2-Feb-10	Japan
7,655,837	Glutathione-S-transferase gene from <i>Propolis juliflora</i> confers abiotic stress tolerance in plants	M.S. Swaminathan Research Foundation	2-Feb-10	India
7,659,448	Plant regulatory sequences for selective control of gene expression	Monsanto Technology LLC	9-Feb-10	United States
7,667,094	Germ-responsive promoter	Nagoya Industrial Science Research Institute	23-Feb-10	Japan
7,667,089	Transgenic mammal secreting B-domain deleted human FVII in its milk	National Chung Hsing University	23-Feb-10	Taiwan
7,659,441	CD9/CD81 double-deficient non-human animal	Osaka Industrial Promotion Organization	9-Feb-10	Japan
7,663,024	P15 hairpin constructs and use	Sesvanderhave, N.V.	16-Feb-10	Belgium
7,667,090	Transgenic mouse model of B cell malignancy	The Ohio State University Research Foundation	23-Feb-10	United States
7,659,443	Method of constructing nucleus-implanted egg, parthenogenetic embryo and parthenogenetic mammal	Tokyo University of Agriculture Educational Corporation	9-Feb-10	Japan

7,659,447	Increasing host plant susceptibility to agrobacterium infection by overexpression of the arabidopsis VIP1 gene	Tzfira; Tzvi	9-Feb-10	United States
-----------	--	--------------	----------	---------------

#### NATURAL RESINS OR DERIVATIVES

Pat No	Title	Assignee	Date Issued	Country
7,659,377	Nucleic acid and corresponding protein entitled 193P1E1B useful in treatment and detection of cancer	Agensys, Inc.	9-Feb-10	United States
7,666,989	Recombinant protein having an anti-cancer effect, its encoding gene and uses thereof	Beijing Sunbio Biotech Co., Ltd.	23-Feb-10	China P Rep
7,666,980	Calcium-binding photoprotein, gene encoding the same, and use thereof	Chisso Corporation	23-Feb-10	Japan
7,655,754	Bacteria with increased levels of protein secretion, nucleotide sequences coding for a SecA protein with increased levels of protein secretion, and methods for producing proteins	Danisco US Inc.	2-Feb-10	United States
7,666,999	Neutral amino acid transporter and gene thereof	J-Pharma Co., Ltd.	23-Feb-10	Japan
7,667,005	Polypeptide, novel DNA and novel antibody	Shirankai Kyoto University Faculty Of Medicine Alumni Association Inc.	23-Feb-10	Japan
7,659,371	Patched polypeptides and uses related thereto	The Regents of the University of California	9-Feb-10	United States

#### ORGANIC COMPOUNDS

Pat No	Title	Assignee	Date Issued	Country
7,655,779	Collapsin response mediator protein-1 (CRMP-1) transcriptional regulatory nucleic acid sequences	Advpharma Inc.	2-Feb-10	Taiwan
7,667,015	Nucleic acid and corresponding protein entitled 151P3D4 useful in treatment and detection of cancer	Agensys, Inc.	23-Feb-10	United States
7,667,018	Nucleic acid and corresponding protein entitled 161P2F10B useful in treatment and detection of cancer	Agensys, Inc.	23-Feb-10	United States
7,667,014	Method of detecting the expression of PPN/MG61 and the use of it	Beijing ACCB BiotechLtd	23-Feb-10	China P Rep
7,667,027	Antisense-oligonucleotides for the treatment of immuno-suppressive effects of transforming growth factor-.beta. (TGF-.beta.)	Biagnostik Gesellschaft Fur Biomolekulare Diagnostik mbH	23-Feb-10	Germany

7,667,028	Compositions and methods for angiogenesis-related molecules and treatments	Bionomics Limited	23-Feb-10	Australia
7,662,943	Promoter sequences from <i>Corynebacterium ammoniagenes</i>	CJ Cheiljedang Corporation	16-Feb-10	Korea
7,655,778	SISP-1, a novel p53 target gene and use thereof	Curonix Co., Ltd.	2-Feb-10	Korea
7,667,013	Gene encoding a guanine nucleotide exchange factor and the gene product thereof	Daiichi Sankyo Company, Limited	23-Feb-10	Japan
7,659,382	Methods and compositions for the treatment and prevention of HIV infection using TRIM5.alpha.	Dana-Farber Cancer Institute, Inc.	9-Feb-10	United States
7,655,789	siRNA targeting transient receptor potential cation channel, subfamily V, member 1 (TRPV1)	Dharmacon, Inc.	2-Feb-10	United States
7,655,788	siRNA targeting DNA-damage-inducible transcript 4 (DDIT4)	Dharmacon, Inc.	2-Feb-10	United States
7,662,950	siRNA targeting myeloid differentiation primary response gene (88) (MYD88)	Dharmacon, Inc.	16-Feb-10	United States
7,655,786	Gene expression modulating element	E.I. du Pont de Nemours and Company	2-Feb-10	United States
7,662,973	Fluorescent detection method and reagent	GE Healthcare UK Limited	16-Feb-10	United Kingdom
7,667,026	Population scale HLA-typing and uses thereof	Genomics USA, Inc.	23-Feb-10	United States
7,659,391	Method for the in vitro synthesis of short double stranded RNAs	Janssen Pharmaceutica N.V.	9-Feb-10	Belgium
7,667,031	Nucleic acid base pair	Japan Science and Technology Agency	23-Feb-10	Japan
7,655,777	Nucleic acid molecules associated with the tocopherol pathway	Monsanto Technology LLC	2-Feb-10	United States
7,655,770	Nucleic acid molecules and other molecules associated with the phosphogluconate pathway	Monsanto Technology LLC	2-Feb-10	United States
7,667,023	Promoter and vectors for plant transformation and methods of using same	MS Technologies	23-Feb-10	United States
7,655,771	Polymorphisms in the human <i>cyp3a4</i> and <i>cyp3a7</i> genes and their use in diagnostic and therapeutic applications	PGx Health, LLC	2-Feb-10	United States
7,662,952	RNA interference mediated inhibition of GRB2 associated binding protein (GAB2) gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	16-Feb-10	United States
7,662,951	RNA interference mediated treatment of Alzheimer's disease using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	16-Feb-10	United States

7,659,390	RNA interference mediated inhibition of muscarinic colinergic receptor gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	9-Feb-10	United States
7,659,389	RNA interference mediated inhibition of MYC and/or MYB gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	9-Feb-10	United States
7,667,030	RNA interference mediated inhibition of matrix metalloproteinase 13 (MMP13) gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	23-Feb-10	United States
7,667,029	RNA interference mediated inhibition of checkpoint kinase-1 (CHK-1) gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	23-Feb-10	United States
7,662,952	RNA interference mediated inhibition of GRB2 associated binding protein (GAB2) gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	16-Feb-10	United States
7,662,951	RNA interference mediated treatment of Alzheimer's disease using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	16-Feb-10	United States
7,662,947	Arabidopsis-stomatal-specific promoter and a genetic construct containing the promoter for expression of nucleic acids in plants	Universita' degli Studi di Milano	16-Feb-10	Italy
7,659,387	Transgenic mammals introduced a Period 1 promoter that confers rhythmical expression	University of Virginia	9-Feb-10	United States