

JUNE, 2010 Gene-Related Patents Issued - Full patent:

<http://patft.uspto.gov/netahtml/PTO/srchnum.htm>

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Pat No	Title	Assignee	Date Issued	Country
7,732,203	Method for transdifferentiating mesenchymal stem cells into neuronal cells	Ajoll University Industry Cooperation Foundation	8-Jun-10	Korea
7,736,878	Production of CPD glycosylases	Applied Genetics Incorporated Dermatics	15-Jun-10	United States
7,736,861	Tivozanib response prediction	AVEO Pharmaceuticals, Inc.	15-Jun-10	United States
7,741,034	Detection and diagnosis of smoking related cancers	Board of Regents, The University of Texas System	22-Jun-10	United States
7,741,035	Use of gene expression profiling to predict survival in cancer patient	Board of Trustees of the University of Arkansas	22-Jun-10	United States
7,732,163	Extracellular serine protease	Board of Trustees of The University of Arkansas	8-Jun-10	United States
7,732,181	Neomycin-phosphotransferase-genes and methods for the selection of recombinant cells producing high levels of a desired gene product	Boehringer Ingelheim Pharma GmbH & Co. KG	8-Jun-10	Germany
7,732,193	Method for expression of small RNA molecules within a cell	California Institute of Technology	8-Jun-10	United States
7,741,040	Methods and compositions for detecting cancers	Case Western Reserve University	22-Jun-10	United States
7,745,214	Methods of obtaining neural stem cells	Chiu; Ing-Ming	29-Jun-10	United States
7,727,717	Methods of detecting Charcot-Marie Tooth disease type 2A	Duke University	1-Jun-10	United States
7,741,084	Ethanol production using xylitol synthesis mutant of xylose-utilizing zymomonas	E. I. du Pont de Nemours and Company	22-Jun-10	United States
7,741,119	Xylitol synthesis mutant of xylose-utilizing zymomonas for ethanol production	E. I. du Pont de Nemours and Company	22-Jun-10	United States
7,745,124	Hybridization method	Eisai R&D Management Co., Ltd.	29-Jun-10	Japan
7,732,168	Fusion partner for production of monoclonal rabbit antibodies	Epitomics, Inc	8-Jun-10	United States
7,745,148	Random homozygous gene perturbation to enhance antibody production	Functional Genetics, Inc.	29-Jun-10	United States
7,745,179	Lentiviral vectors featuring liver specific transcriptional enhancer and methods of using same	GBP IP, LLC	29-Jun-10	United States
7,745,189	Regulatable growth of filamentous fungi	Genencor International, Inc.	29-Jun-10	United States

7,745,120	Cell culture and method for screening for a compound useful in the treatment or prevention of hepatic cirrhosis	Industrial Technology Research Institute	29-Jun-10	Taiwan
7,732,188	Protozoan strains of reduced virulence and use thereof	Institut de Recherche pour le Developpement	8-Jun-10	France
7,732,194	Characterization of the I-SpomI endonuclease from fission yeast	Institut Pasteur	8-Jun-10	France
7,736,899	Cells and method for producing proteins comprising an unconventional amino acid	Institut Pasteur	15-Jun-10	France
7,732,143	Method for the diagnosis of genetic diseases by molecular combing and diagnostic kit	Institut Pasteur	8-Jun-10	France
7,741,048	MN/CA IX and cancer prognosis	Institute of Virology of the Slovak Academy of Science	22-Jun-10	Slovakia
7,745,131	High throughput genome specific molecular markers for erucic acid content genes in Brassica napus	Li; Genyi	29-Jun-10	Canada
7,741,113	Cell-specific molecule and method for importing DNA into osteoblast nuclei	Loma Linda University	22-Jun-10	United States
7,741,070	Gene targets for enhanced carotenoid production	Massachusetts Institute of Technology	22-Jun-10	United States
7,732,182	25869, 25934, 26335, 50365, 21117, 38692, 46508, 16816, 16839, 49937, 49931 and 49933 molecules and uses therefor	Millennium Pharmaceuticals, Inc.	8-Jun-10	United States
7,741,118	Synthetic plant genes and method for preparation	Monsanto Technology LLC	22-Jun-10	United States
7,745,137	Method of diagnosing risk of myocardial infarction by detection of specific gene polymorphisms	Nagoya Industrial Science Research Institute	29-Jun-10	Japan
7,741,078	Heparin-binding protein modified with heparan sulfate sugar chains, process for producing the same and pharmaceutical compositions containing the same	National Institute of Advanced Science and Technology	22-Jun-10	Japan
7,745,141	Mycobacterial proteins as early antigens for serodiagnosis and vaccines	New York University	29-Jun-10	United States
7,745,133	Determining a predisposition to cancer	Pomeranian Academy of Medicine	29-Jun-10	Poland
7,745,200	Formaldehyde dehydrogenase genes from methylotrophic yeasts	Research Corporation Technologies, Inc.	29-Jun-10	United States
7,736,873	Chlamydia polypeptides and corresponding DNA fragments and uses thereof	Sanofi Pasteur Limited	15-Jun-10	United States
7,741,029	Diagnosis and treatment of blood disorders	Schuh; Andre	22-Jun-10	Canada
7,741,030	Methods for diagnosing rheumatoid arthritis	Shiozawa; Shunichi	22-Jun-10	Japan

7,741,032	Genotyping assay to predict gamma glutamyl hydrolase (GGH) activity	St. Jude Children's Research Hospital, Inc.	22-Jun-10	United States
7,741,038	Methods and compositions for evaluating graft survival in a solid organ transplant recipient	The Board of Trustees of the Leland Stanford Junior University	22-Jun-10	United States
7,745,121	Polymorphism in the macrophage migration inhibitory factor (MIF) gene as marker for prostate cancer	The Department of Veterans Affairs	29-Jun-10	United States
7,745,165	Phosphatase associated with metastasis	The John Hopkins University	29-Jun-10	United States
7,727,719	Methods for diagnosing episodic movement disorders and related conditions	The Regents of the University of Michigan	1-Jun-10	United States
7,741,110	Regulation of gene expression using single-chain, monomeric, ligand dependent polypeptide switches	The Scripps Research Institute	22-Jun-10	United States
7,741,111	Pregnancy, up-regulated non-ubiquitous CaM kinase	The Trustees of the University of Pennsylvania	22-Jun-10	United States
RE41,391	Regulation of type II collagen gene expression using specific and selective electrical and electromagnetic signals	The Trustees of the University of Pennsylvania	22-Jun-10	United States
7,736,852	Methods and compositions for treating and diagnosing mood disorders, schizophrenia, and neuro-psychiatric disorders	The Trustees of the University of Pennsylvania	15-Jun-10	United States
7,745,138	Methods for determining drug responsiveness	The Trustees of the University of Pennsylvania	29-Jun-10	United States
7,741,100	Method for highly expressing recombinant glucose dehydrogenase derived from filamentous fungi	Toyo Boseki Kabushiki Kaisha	22-Jun-10	Japan
7,732,157	Soluble epidermal growth factor receptor-like proteins and their uses in cancer detection methods	Tumor Biology Investment Group	8-Jun-10	United States
7,732,137	Selecting animals for desired genotypic or potential phenotypic properties	University of Liege	8-Jun-10	Belgium
7,732,126	Integrin CD18 is a novel stromal stem cell marker and functions to promote osteogenesis	University of Maryland, Baltimore	8-Jun-10	United States
7,745,166	Human lysosomal protein and methods of its use	University of Medicine and Dentistry of New Jersey	29-Jun-10	United States
7,732,180	Porcine Forssman synthetase protein, cDNA, genomic organization, and regulatory region	University of Pittsburgh of the Commonwealth System of Higher Education	8-Jun-10	United States

7,727,724	Polymorphisms in voltage-gated sodium channel .alpha. 1-subunit as markers for therapy selection	University of Southern California	1-Jun-10	United States
7,736,881	Antibacterial and herbicidal compounds and system for screening the same	University of Utah Research Foundation	15-Jun-10	United States
7,727,715	Global gene expression analysis of human bronchial epithelial cells exposed to cigarette smoke, smoke condensates, or components thereof	Vector Tobacco, Inc.	1-Jun-10	United States
7,745,174	Hybrid hepatocyte growth factor gene having high expression efficiency of two heterotypes of hepatocyte growth factor	Viromed Co., Ltd.	29-Jun-10	Korea
7,732,185	Plasmid having response to dioxins, transgenic cell for measuring dioxins, dioxins sensing method and biosensor using the same	Yamanashi University	8-Jun-10	Japan
7,745,176	IL-21 production in prokaryotic hosts	ZymoGenetics, Inc.	29-Jun-10	United States

DATA PROCESSING				
Pat No	Title	Assignee	Date Issued	Country
7,747,389	Scoring system for the prediction of cancer recurrence	F. Hoffmann-La Roche AG	29-Jun-10	Switzerland
7,734,426	High throughput functional genomics	Hesperos, LLC	8-Jun-10	United States
7,734,422	Method for evaluating DNA probes position on substrate	Hitachi High-Technologies Corporation	8-Jun-10	Japan
7,729,864	Computer systems and methods for identifying surrogate markers	Merck Sharp & Dohme Corp.	1-Jun-10	United States

DRUG				
Pat No	Title	Assignee	Date Issued	Country
7,736,654	Nucleic acids and corresponding proteins useful in the detection and treatment of various cancers	Agensys, Inc.	15-Jun-10	United States
7,732,436	Preparation of hymenialdisine derivatives and use thereof	Board Of Trustees Of Michigan State University	8-Jun-10	United States
7,741,272	Artery- and vein-specific proteins and uses therefor	California Institute of Technology	22-Jun-10	United States
7,736,650	Anti-IL-12 antibody based vectors, host cells, and methods of production and uses	Centocor, Inc.	15-Jun-10	United States
7,732,417	Methods and compositions for RNA interference using recombinant Dicer and Argonaut	Cold Spring Harbor Laboratory	8-Jun-10	United States
7,741,309	Oligomeric compounds for the modulation of survivin expression	Enzon Pharmaceuticals	22-Jun-10	Denmark

7,740,836	Methods and compositions for recovering or improving visual function	Fondazione Telethon	22-Jun-10	Italy
7,732,423	Nucleotide vector, composition containing such vector, and vaccine for immunization against hepatitis	Institut Pasteur	8-Jun-10	France
7,744,896	HIV-1 Tat compositions	Istituto Superiore di Sanita'	29-Jun-10	Italy
7,741,302	Transposase and method of gene modification	Japan Science and Technology Agency	22-Jun-10	Japan
7,741,301	Transposase and method of gene modification	Japan Science and Technology Agency	22-Jun-10	Japan
7,736,643	Method for screening of a lipase having improved enzymatic activity using yeast surface display vector and the lipase	Korea Research Institute of Bioscience and Biotechnology	15-Jun-10	Korea
7,745,402	Method of treating pancreatitis	Lundbeck Inc.	29-Jun-10	United States
7,744,931	Methods for treating oral cancers with herbal compositions	New Chapter Inc.	29-Jun-10	United States
7,731,952	Avirulent oncolytic herpes simplex virus strains engineered to counter the innate host response	New York University	8-Jun-10	United States
7,744,900	Enhancement of the immune response for vaccine and gene therapy applications	Novartis Vaccines and Diagnostics, Inc	29-Jun-10	United States
7,732,397	Use of cardiostrophin in liver diseases	Proyecto de Biomedicina Cima, S.L.	8-Jun-10	Spain
7,741,299	Therapeutic uses of inhibitors of RTP801	Quark Pharmaceuticals, Inc	22-Jun-10	United States
7,737,110	Methods for altering mRNA splicing and treating familial dysautonomia and other mechanistically related disorders	The General Hospital Corporation	15-Jun-10	United States
7,745,416	Method for in vivo regulation of cardiac muscle contractility	The Regents of the University of California	29-Jun-10	United States
7,744,902	Respiratory syncytial virus vaccines expressing protective antigens from promotor-proximal genes	The United States of America as represented by the Department of Health and Human Services	29-Jun-10	United States
7,731,953	Methods for use of TSLP and agonists and antagonists thereof	The United States of America as represented by the Department of Health and Human Services	8-Jun-10	United States
7,745,389	Methods for treatment of age-related macular degeneration	University of Iowa Research Foundation	29-Jun-10	United States
7,732,409	EspF.sub.U nucleic acids and proteins and uses thereof	University of Massachusetts	8-Jun-10	United States

MULTICELLULAR LIVING ORGANISMS

Pat No	Title	Assignee	Date Issued	Country
7,741,531	Method for modifying gene expression of a phytopathogenic fungus	Bayer S.A.S.	22-Jun-10	France
7,745,697	MEG1 endosperm-specific promoters and genes	Biogemma	29-Jun-10	France
7,732,678	Cotton fiber transcriptional factors	Calgene LLC	8-Jun-10	United States
7,741,542	Canola oil having increased oleic acid and decreased linolenic acid content	Cargill, Incorporated	22-Jun-10	United States
7,732,665	Method for the preparation of transgenic plants characterised by geminivirus lasting resistance	Consiglio Nazionale delle Ricerche	8-Jun-10	Italy
7,732,658	Composition and method for imaging cells	Dana Farber Cancer Institute, Inc.	8-Jun-10	United States
7,741,538	Methods and compositions for expression of transgenes in plants	Dekalb Genetics Corporation	22-Jun-10	United States
7,737,330	Plant farnesyltransferases	E.I. du Pont de Nemours and Company	15-Jun-10	United States
7,741,535	Plant UDP-galactose epimerases	E.I. du Pont de Nemours and Company	22-Jun-10	United States
7,745,689	Nephropathy-associated gene	Inada; Akari	29-Jun-10	Japan
7,728,192	Process for converting storage reserves of dicotyledonous seeds into compositions comprising one or more gene products	Koivu; Kimmo	1-Jun-10	Finland
7,732,669	Regulatory sequences for regulation of gene expression in plants and other organisms, and compositions, products and methods related thereto	Malaysian Palm Oil Board	8-Jun-10	Malaysia
7,737,326	EPSPS promoter from maize	Midwest Oil Seeds Inc.	15-Jun-10	United States
7,745,690	Transgenic nonhuman mammal representing the pathologic conditions of human rheumatoid arthritis	Nagoya Industrial Science Research Institute	29-Jun-10	Japan
7,741,529	Transgenic animal model for catecholaminergic polymorphic ventricular tachycardia (CPVT) and use thereof	Priori; Silvia G.	22-Jun-10	Italy
7,745,688	Model mouse of Alzheimer's disease expressing FAD APP 716 and use thereof	Riken	29-Jun-10	Japan
7,745,696	Suppression of Tla1 gene expression for improved solar conversion efficiency and photosynthetic productivity in plants and algae	The Regents of the University of California	29-Jun-10	United States
7,732,666	O-methyltransferase gene from sorghum cloning, expression, transformation and characterization	The United States of America as represented by the Secretary of Agriculture	8-Jun-10	United States

7,741,548	Method and composition for increasing branching and flowering response in plants	University of Connecticut	22-Jun-10	United States
7,741,541	Method for obtaining improved fertility restorer lines for transgenic male sterile crop plants and a DNA construct for use in said method	University of Delhi South Campus	22-Jun-10	India
7,745,698	Peptide extension for enhancement of transgene expression in chloroplasts	Wisconsin Alumni Research Foundation	29-Jun-10	United States

NATURAL RESINS OR DERIVATIVES

Pat No	Title	Assignee	Date Issued	Country
7,728,113	Methods of treating arthritic conditions with antibodies to M-CSF	Amgen Fremont Inc.	1-Jun-10	United States
7,728,110	Antibodies to SARS coronavirus	Amgen, Inc.	1-Jun-10	United States
7,732,578	Super humanized antibodies	Arrowsmith Technology Licensing LLC	8-Jun-10	United States
7,732,576	Tumor suppressor designated TS10Q23.3	Board of Regents, The University of Texas System	8-Jun-10	United States
7,745,580	Compounds useful in the diagnosis and treatment of pregnancy-associated malaria	Kobenhavns Universitet	29-Jun-10	Denmark
7,741,447	Antibody against tumor specific antigen as target	Sankyo Co., Ltd.	22-Jun-10	Japan
7,728,105	Peptides impairing PBX dependent gene regulation	St. George's Hospital Medical School	1-Jun-10	United Kingdom
7,741,431	Liposomes containing novel targeting and/or fusogenic peptides, preparations containing them and therapeutic use thereof	The United States of America as represented by the Secretary of the Army	22-Jun-10	United States

ORGANIC COMPOUNDS

Pat No	Title	Assignee	Date Issued	Country
7,732,584	Nucleic acid and corresponding protein entitled 193P1E1B useful in treatment and detection of cancer	Agensys, Inc.	8-Jun-10	United States
7,741,460	Polynucleotides encoding a truncated ORF2 from Corynebacterium	Archer-Daniels-Midland Company	22-Jun-10	United States
7,728,120	EML4-ALK fusion gene	Astellas Pharma Inc.	1-Jun-10	Japan
7,737,266	RNAi modulation of SCAP and therapeutics uses thereof	Board of Regents, The University of Texas System	15-Jun-10	United States
7,737,267	siRNA targeting hypoxia-inducible factor 1	Dharmacon, Inc.	15-Jun-10	United States
7,741,470	siRNA targeting gremlin	Dharmacon, Inc.	22-Jun-10	United States

7,745,612	siRNA targeting interleukin-1 receptor-associated kinase 4 (IRAK4)	Dharmacon, Inc.	29-Jun-10	United States
7,745,611	siRNA targeting KRAS	Dharmacon, Inc.	29-Jun-10	United States
7,745,610	siRNA targeting cyclin dependent kinase 11 (CDK11)	Dharmacon, Inc.	29-Jun-10	United States
7,745,597	TRPC6 involved in glomerulonephritis	Duke University	29-Jun-10	United States
7,737,264	Oligomeric compounds for the modulation HIF-1.alpha. expression	Enzon Pharmaceuticals, Inc.	15-Jun-10	Denmark
7,741,465	Chimeric receptor genes and cells transformed therewith	Eshhar; Zelig	22-Jun-10	Israel
7,745,596	Nuclear transport nucleic acid delivery vector	Japan Science and Technology Agency	29-Jun-10	Japan
7,728,119	Nucleotide primer set and nucleotide probe for detecting genotype of methylene tetrahydrofolate reductase (MTHFR)	Kabushiki Kaisha Toshiba	1-Jun-10	Japan
7,745,592	Cumate-inducible expression system for eukaryotic cells	National Research Council of Canada	29-Jun-10	Canada
7,745,605	BnLea3-1 promoter	National Research Council of Canada	29-Jun-10	Canada
7,732,592	ALK protein tyrosine kinase, cells and methods embodying and using same	New York University	8-Jun-10	United States
7,732,589	Primers for amplifying hsp 65 gene of mycobacterial species, hsp 65 gene fragments and method of identifying mycobacterial species with the same	Seoulin Bio Science Co., Ltd.	8-Jun-10	Korea
7,741,456	Polyketides and antibiotics produced by combinatorial techniques	The Board of Trustees of the Leland Stanford Junior University	22-Jun-10	United States
7,728,122	RTBV plant promoter and process thereof	University of Delhi	1-Jun-10	India

SURGERY				
Pat No	Title	Assignee	Date Issued	Country
7,729,761	Method and apparatus for controlled gene or protein delivery	Cardiac Pacemakers, Inc.	1-Jun-10	United States