

SEPTEMBER, 2009 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
7,595,177	Assay for imidazolinone resistance mutations in Brassica species	Advanta Canada, Inc.	29-Sep-09	Canada
7,582,448	84P2A9: a prostate and testis specific protein highly expressed in prostate cancer	Agensys, Inc.	1-Sep-09	United States
7,592,149	Nucleic acid and corresponding protein entitled 184P1E2 useful in treatment and detection of cancer	Agensys, Inc.	22-Sep-09	United States
7,595,179	Recombinant reverse transcriptases	Applied Biosystems, LLC	29-Sep-09	United States
7,595,180	RNA-dependent RNA polymerase functioning preferably on a RNA matrix and promoter-dependent transcription process with said RNA-dependent RNA polymerase	Biomerieux	29-Sep-09	France
7,588,899	Fluorescent probes for use in protein kinase inhibitor binding assay	Boehringer Ingelheim Pharmaceuticals, Inc.	15-Sep-09	United States
7,592,171	Vibrio cholerae with improved biological safety features in freeze dried form	Centro Nacional de Investigaciones Cientificas	22-Sep-09	Cuba
7,585,630	Genetic variants in the TCF7L2 gene as diagnostic markers for risk of type 2 diabetes mellitus	deCODE genetics ehf.	8-Sep-09	Island
7,585,650	Alleles of the zwf gene from coryneform bacteria	Degussa AG	8-Sep-09	Germany
7,588,925	Phospholipases and uses thereof	DSM IP Assets B.V.	15-Sep-09	Netherlands
7,588,939	Nucleotide sequences encoding RAMOSA3 and sister of RAMOSA3 and methods of use for same	E. I. du Pont de Nemours and Company	15-Sep-09	United States
7,588,917	Nucleic acids encoding sugar transport proteins and methods of using same	E. I. du Pont de Nemours and Company	15-Sep-09	United States
7,588,892	Reagent sets and gene signatures for renal tubule injury	Entelos, Inc.	15-Sep-09	United States
7,582,426	Method for expression of proteins on spore surface	Geneofocus Co., Ltd.	1-Sep-09	Korea
7,592,138	Identification of a gene expression profile that differentiates ischemic and nonischemic cardiomyopathy	Hare; Joshua M.	22-Sep-09	United States
7,592,137	Genetic testing kits and a method of bladder cancer	Hitachi High-Technologies Corporation	22-Sep-09	Japan
7,582,447	DNA encoding a testicular carnitine transporter	Human Cell Systems, Inc.	1-Sep-09	Japan
7,582,437	Adaptor protein that binds to mammalian toll-like receptor 3, and gene thereof	Japan Science and Technology Agency	1-Sep-09	Japan

7,588,894	Use of ID4 for diagnosis and treatment of cancer	John Wayne Cancer Institute	15-Sep-09	United States
7,595,156	Genes for synthesis of FR-008 polyketides	Korea Advanced Institute of Science and Technology	29-Sep-09	Korea
7,585,659	Carotene synthase gene and uses therefor	Martek Biosciences Corporation	8-Sep-09	United States
7,582,451	Carotene synthase gene and uses therefor	Martek Biosciences Corporation	1-Sep-09	United States
7,582,446	In vitro sorting method	Medical Research Council	1-Sep-09	United Kingdom
7,595,184	Nitrile hydratase variant	Mitsui Chemicals, Inc.	29-Sep-09	United States
7,588,935	Viral vector for inducing gene inactivation of plants and application thereof	National Taiwan University	15-Sep-09	Taiwan
7,582,427	Method of estimating drug metabolic activity by analyzing mutations in glucuronosyl transferase gene	National University Corporation Shiga University of Medical Science	1-Sep-09	Japan
7,585,618	Treatment of diabetes with milk protein hydrolysate	Nestec S.A.	8-Sep-09	Switzerland
7,595,183	Cathepsins L-like cysteine protease derived from northern shrimp (<i>Pandalus eous</i>)	Nichirei Corporation	29-Sep-09	United States
7,585,623	Adiponectin promoter and use thereof	Ono Pharmaceutical Co., Ltd.	8-Sep-09	Japan
7,595,161	Efficacy of calcimimetic agents	Rothe; Hansjoerg Martin	29-Sep-09	Germany
7,585,634	Method of predicting risk of lung cancer recurrence, and a composition, kit and microarray for the same	Samsung Electronics Co., Ltd.	8-Sep-09	Korea
7,588,888	DNA encoding a plant deoxyhypusine synthase, a plant eukaryotic initiation factor 5A, transgenic plants and a method for controlling senescence programmed and cell death in plants	Senesco Technologies, Inc.	15-Sep-09	United States
7,582,476	Artificial cell comprising mutant estrogen receptor	Sumitomo Chemical Company, Limited	1-Sep-09	Japan
7,592,163	Highly active xylose reductase from <i>Neurospora crassa</i>	The Board of Trustees of the University of Illinois	22-Sep-09	United States
7,595,159	Prediction of Parkinson's disease using gene expression levels of peripheral blood samples	The Brigham and Women's Hospital, Inc.	29-Sep-09	United States
7,592,161	Methods for analyzing the insertion capabilities of modified group II introns	The Ohio State University Research Foundation	22-Sep-09	United States
7,582,425	Atlastin	The Regents of the University of Michigan	1-Sep-09	United States
7,585,639	Methods for modulating ATP-binding cassette transmembrane reporter protein expression	Trustees of Dartmouth College	8-Sep-09	United States

7,582,435	Messenger RNA profiling: body fluid identification using multiplex reverse transcription-polymerase chain reaction (RT-PCR)	University of Central Florida Research Foundation, Inc.	1-Sep-09	United States
7,585,647	Nucleic acid encoding recombinant interferon	Wei; Guangwen	8-Sep-09	China, P. Rep.
7,595,187	Elaiophylin biosynthetic gene cluster	Wyeth	29-Sep-09	United States

DATA PROCESSING

Pat No	Title	Assignee	Date Issued	Country
7,587,284	Gene synthesis software	deCODE biostructures, Inc.	8-Sep-09	United States
7,593,927	Unstructured data in a mining model language	Microsoft Corporation	22-Sep-09	United States
7,590,493	Methods for determining hepatotoxins	Ocimum Biosolutions, Inc.	15-Sep-09	United States
7,587,280	Genomic data mining using clustering logic and filtering criteria	STMicroelectronics S.r.l.	8-Sep-09	Italy

DRUG

Pat No	Title	Assignee	Date Issued	Country
7,585,505	Nucleic acid and corresponding protein entitled 161P2F10B useful in treatment and detection of cancer	Agensys, Inc.	8-Sep-09	United States
7,595,306	Method of treating neurodegenerative disease	Bumcrot; David	29-Sep-09	United States
7,595,044	Artery-and vein-specific proteins and uses therefor	California Institute of Technology	29-Sep-09	United States
7,592,320	Cancer gene therapy based on translational control of a suicide gene	DeBenedetti; Arrigo	22-Sep-09	United States
7,588,767	Microorganisms for therapy	Genelux Corporation	15-Sep-09	United States
7,588,756	Treatment of cardiac power failure	Katus; Hugo A.	15-Sep-09	Germany
7,588,768	Attenuated negative strand viruses with altered interferon antagonist activity for use as vaccines and pharmaceuticals	Mount Sinai School of Medicine of New York University	15-Sep-09	United States
7,582,282	Methods for optimizing clinical responsiveness to methotrexate therapy using metabolite profiling and pharmacogenetics	Prometheus Laboratories Inc.	1-Sep-09	United States
7,582,290	Packaging cell line for diphtheria toxin expressing non-replicating adenovirus	The Johns Hopkins University	1-Sep-09	United States
7,585,841	Methods and compositions useful for modulation of angiogenesis using tyrosine kinase Src	The Scripps Research Institute	8-Sep-09	United States
7,595,309	7-substituted tetracycline compounds	Trustees of Tufts College	29-Sep-09	United States

7,588,769	Viruses encoding mutant membrane protein	Wisconsin Alumni Research Foundation	15-Sep-09	United States
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MULTICELLULAR LIVING ORGANISMS				
Pat No	Title	Assignee	Date Issued	Country
7,592,504	Methods for determining specificity of RNA silencing and for genetic analysis of the silenced gene or protein	Boyce Thompson Institute for Plant Research, Inc.	22-Sep-09	United States
7,592,502	Knock-in non-human animal producing human tissue factor	Chugai Seiyaku Kabushiki Kaisha	22-Sep-09	Japan
7,589,258	Plant farnesyltransferases	E. I. Du Pont de Nemours and Company	15-Sep-09	United States
7,582,807	Regulation of gene expression using chromatin remodelling factors	Her Majesty the Queen in right of Canada, as represented by the Minister of Agriculture and Agri-Food	1-Sep-09	Canada
7,586,024	Method for cultivating transgenic plants with high virus resistance and the use thereof	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences	8-Sep-09	China, P. Rep.
7,586,021	Nucleic acid construct, metabolic disordered non-human animal and use thereof	Sumitomo Chemical Company, Limited	8-Sep-09	Japan
7,586,023	Methods of conferring pro-inhibiting herbicide resistance to plants by gene manipulation	Sumitomo Chemical Company, Limited	8-Sep-09	Japan
7,592,508	High-efficiency Agrobacterium-mediated transformation of cotton using petiole explants	Temasek Life Sciences Laboratory Limited	22-Sep-09	Singapore
7,582,809	Sorghum aluminum tolerance gene, SbMATE	The United States of America as represented by the Secretary of Agriculture	1-Sep-09	United States

NATURAL RESINS OR DERIVATIVES				
Pat No	Title	Assignee	Date Issued	Country
7,589,180	Specific binding proteins and uses thereof	Abbott Laboratories Inc.	15-Sep-09	United States
7,595,379	Antibodies and related molecules that bind to PSCA proteins	Agensys, Inc.	29-Sep-09	United States
7,592,430	Antibodies to M-CSF	Amgen Fremont	22-Sep-09	United States
7,589,177	Nucleic acid molecules encoding cyclotide polypeptides and methods of use	E.I. du Pont de Nemours & Company	15-Sep-09	United States
7,585,939	Chromatin peptides blocking human HIF-1.alpha. gene and modulating the downstream related genes	Geneblue Corporation	8-Sep-09	United States

7,582,732	Ly6h polypeptide	Osaka Pharmaceutical Co., Ltd.	1-Sep-09	Japan
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OPTICS				
Pat No	Title	Assignee	Date Issued	Country
7,583,379	Surface enhanced raman spectroscopy (SERS) systems and methods of use thereof	University of Georgia Research Foundation	1-Sep-09	United States

ORGANIC COMPOUNDS				
Pat No	Title	Assignee	Date Issued	Country
7,582,745	Compositions and methods for inhibiting expression of Nav1.8 gene	Anylam Pharmaceuticals, Inc.	1-Sep-09	United States
7,582,744	Chemically modified oligonucleotides	Anylam Pharmaceuticals, Inc.	1-Sep-09	United States
7,589,239	Therapeutic agents for the treatment of cancer, metabolic diseases and skin disorders	Auspex Pharmaceuticals	15-Sep-09	United States
7,595,385	Polymorphisms in the region of the human hemochromatosis gene	Bio-Rad Laboratories, Inc.	29-Sep-09	United States
7,595,386	Methods and compositions for heat activated gene therapy using cytolethal distending toxin	Borrelli; Michael J.	29-Sep-09	United States
7,582,738	Diagnostic assay for Wiskott-Aldrich syndrome and genetically related disorders	Children's Hospital Medical Center	1-Sep-09	United States
7,582,747	siRNA targeting inner centromere protein antigens (INCENP)	Dharmacon, Inc.	1-Sep-09	United States
7,582,746	siRNA targeting complement component 3 (C3)	Dharmacon, Inc.	1-Sep-09	United States
7,589,191	siRNA targeting hypoxia-inducible factor 1	Dharmacon, Inc.	15-Sep-09	United States
7,592,444	siRNA targeting myeloid cell leukemia sequence 1	Dharmacon, Inc.	22-Sep-09	United States
7,592,443	siRNA targeting interleukin-1 receptor-associated kinase 4 (IRAK4)	Dharmacon, Inc.	22-Sep-09	United States
7,592,442	siRNA targeting ribonucleotide reductase M2 polypeptide (RRM2 or RNR-R2)	Dharmacon, Inc.	22-Sep-09	United States
7,595,389	siRNA targeting casitas B cell lymphoma-B (CBL-B)	Dharmacon, Inc.	29-Sep-09	United States
7,595,388	siRNA targeting EPH receptor A3 (EPHA3)	Dharmacon, Inc.	29-Sep-09	United States
7,595,387	Modified polynucleotides for reducing off-target effects in RNA interference	Dharmacon, Inc.	29-Sep-09	United States
7,592,436	Gene encoding a protein having aurone synthesis activity	International Flower Developments Proprietary Limited	22-Sep-09	Australia

7,589,189	Inhibition of the expression of huntingtin gene	Japan Science and Technology Agency	15-Sep-09	Japan
7,595,382	Gamma tocopherol methyltransferase coding sequences from Brassica and uses thereof	Monsanto Technology LLC	29-Sep-09	United States
7,595,384	Seed-specific gene promoter from the rice 10 KDa prolaminin gene and uses thereof	National Institute of Agrobiological Sciences	29-Sep-09	Japan
7,592,438	Human gene	Otsuka Pharmaceutical Co., Ltd.	22-Sep-09	Japan
7,582,740	Methods and kits for detecting SARS-associated coronavirus	The Trustees of Columbia University In the City of New York	1-Sep-09	United States
7,582,741	Conditional disruption of dicer1 in cell lines and non-human mammals	University of Massachusetts	1-Sep-09	United States