

JULY, 2007 Gene-Related Patent Applications Posted - Full application:
<http://appft1.uspto.gov/netathtml/PTO/srchnum.html>

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Appl Number	Title	Assignee	Date Issued	Country
20070166799	METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION	AJINOMOTO CO. INC	19-Jul-07	Japan
20070161090	METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION	AJINOMOTO CO., INC	12-Jul-07	Japan
20070172831	Schizophrenia gene signatures and methods of using the same	Altar; C. Anthony	26-Jul-07	United States
20070172948	DOUBLE STRAND COMPOSITIONS COMPRISING DIFFERENTIALLY MODIFIED STRANDS FOR USE IN GENE MODULATION	Bhat; Balkrishen	26-Jul-07	United States
20070166734	DOUBLE STRAND COMPOSITIONS COMPRISING DIFFERENTIALLY MODIFIED STRANDS FOR USE IN GENE MODULATION	Bhat; Balkrishen	19-Jul-07	United States
20070166736	Collagen XXII, a novel human collagen and uses thereof	Burgeson; Robert Eugene	19-Jul-07	United States
20070160997	Methods for diagnosing and for monitoring the treatment of recurrent spontaneous abortion	Chen; Fenglin	12-Jul-07	China P. Rep
20070154936	Methods for Identifying Target Genes, Gene Expression Profiles, and Biochemical/Signal Transduction Pathways Associated with Specific Patterns of Hemodynamic Shear Stress and Atherogenesis and Uses Thereof	Davies; Peter F.	5-Jul-07	United States
20070172871	Methods for profiling transcriptosomes	Dishaw; Larry J.	26-Jul-07	United States
20070161035	Plant Myb Transcription Factor Homologs	E I DU PONT DE NEMOURS AND COMPANY	12-Jul-07	United States
20070166718	Diagnostic and therapeutic use of mal2 gene and protein for neurodegenerative diseases	EVOTEC NEUROSCIENCES GMBH	19-Jul-07	Germany
20070172833	Gene expression profile retrieving apparatus, gene expression profile retrieving method, and program	Fujibuchi; Wataru	26-Jul-07	Japan
20070166753	GENE DETECTION ASSAY FOR IMPROVING THE LIKELIHOOD OF AN EFFECTIVE RESPONSE TO A HER2 ANTIBODY CANCER THERAPY	Genentech, Inc.	19-Jul-07	United States
20070166748	HUMAN DIACYLGLYCEROL ACYLTRANSFERASE 2 (DGAT2) FAMILY MEMBERS AND USES THEREFOR	GIMENO; Ruth E	19-Jul-07	United States

20070172932	L-Glutamic Acid-Producing Microorganism and a Method for Producing L-Glutamic Acid	Hirano; Seiko	26-Jul-07	Japan
20070172825	Methods and kits for identifying functions and binding substances of gene products	HUMAN METABOLOME TECHNOLOGIES, INC.	26-Jul-07	Japan
20070161019	Method for detecting cancer and a method for suppressing cancer	Inazawa; Johji	12-Jul-07	Japan
20070161018	Method for detecting cancer and a method for suppressing cancer	Inazawa; Johji	12-Jul-07	Japan
20070154916	Method for detecting cancer and a method for suppressing cancer	Inazawa; Johji	5-Jul-07	Japan
20070154915	Method for detecting cancer and a method for suppressing cancer	Inazawa; Johji	5-Jul-07	Japan
20070154935	HUMAN OBESITY SUSCEPTIBILITY GENE AND USES THEREOF	INTEGRAGEN	5-Jul-07	France
20070172848	NOVEL CALPASTATIN (CAST) ALLELES	IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	26-Jul-07	United States
20070172854	Gene expression analysis using array with immobilized tags of more than 25 bp (SuperSAGE-Array)	Iwate Prefectural Government	26-Jul-07	Japan
20070160993	Novel centromeric protein shugoshin	JAPAN SCIENCE AND TECHNOLOGY AGENCY	12-Jul-07	Japan
20070172930	process for the selection of HIV-1 subtype C isolates, selected HIV-1 subtype isolates, their genes and modifications and derivatives thereof	Johnston; Robert Edward	26-Jul-07	United States
20070166755	Compositions and methods for genetic analysis of polycystic kidney disease	Jones; Jeffrey G.	19-Jul-07	United States
20070161022	Signatures for human aging	Kim; Stuart K.	12-Jul-07	United States
20070161009	METHOD FOR PRODUCING IMPROVED GENE EXPRESSION ANALYSIS AND GENE EXPRESSION ANALYSIS COMPARISON RESULTS	Kohne; David E.;	12-Jul-07	United States
20070161045	FUSION PROTEINS BASED UPON SOMATOSTATIN RECEPTORS	Kundra; Vikas	12-Jul-07	United States
20070161002	Growth differentiation factor promoter and uses therefor	Liang; Li-fang	12-Jul-07	United States
20070172949	Vectors and viral vectors, and packaging cell lines for propagating same	Liu; Dakai	26-Jul-07	United States
20070154930	Process to study changes in gene expression in stem cells	Liu; Meng	5-Jul-07	United States
20070154884	ASSESSMENT OF HUMAN PAPILOMA VIRUS-RELATED DISEASE	Lorincz; Attila T	5-Jul-07	United States
20070154886	Composition, splice variants and methods relating to ovarian specific genes and proteins	Macina; Roberto A	5-Jul-07	United States

20070166737	Survival motor neuron (SMN) gene: a gene for spinal muscular atrophy	Melki; Judith	19-Jul-07	France
20070172882	Identification of a family of secreted proteins in vascular endothelium	Millennium Pharmaceuticals, Inc.	26-Jul-07	United States
20070166785	Recombinant calf-chymosin and a process for producing the same	Mule; Veakata Madhusudhan Reddy	19-Jul-07	India
20070166745	Screening and use of reagents which block or activate intein splicing utilizing natural or homologous exteins	New England Biolabs, Inc.	19-Jul-07	United States
20070154988	Bacillus Host Cell	Novozymes A/S	5-Jul-07	Denmark
20070161025	Methylthioadenosine Phosphorylase Compositions and Methods of Use in the Diagnosis and Treatment of Proliferative Disorders	Olopade; Olufunmilayo I	12-Jul-07	United States
20070166792	Increasing hemoglobin and other heme protein production in bacteria by co-expression of heme transport genes	Olson; John S.	19-Jul-07	United States
20070172838	Assay for mycobacterium avium/intracellulare nucleic acid	Ong; Edgar	26-Jul-07	United States
20070161086	NOVEL ECDYSONE RECEPTOR-BASED INDUCIBLE GENE EXPRESSION SYSTEM	Palli; Subba Reddy	12-Jul-07	United States
20070161072	Neuroprotection by inhibition of diacylglycerol kinase epsilon activity	Prescott; Stephen M.	12-Jul-07	United States
20070154901	Trimerising module	PROTEIN ENGINEERING TECHNOLOGY APS	5-Jul-07	Denmark
20070166789	Human cyclooxygenase-3 enzyme and uses thereof	Qin; Ning	19-Jul-07	United States
20070161013	Cystic fibrosis transmembrane conductance regulator gene mutations	Quest Diagnostics Inc	12-Jul-07	United States
20070166707	Computer systems and methods for associating genes with traits using cross species data	ROSETTA INPHARMATICS LLC	19-Jul-07	United States
20070166696	Adenovirus-transfected primary cells and methods of pathway mapping	SANOFI-AVENTIS U.S. LLC	19-Jul-07	United States
20070160980	RNA interference mediated inhibition of gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	12-Jul-07	United States
20070172857	Primer and method for detecting lymph node metastasis	SYSMEX CORPORATION	26-Jul-07	Japan
20070166804	alpha-AGARASE AND PROCESS FOR PRODUCING THE SAME	TAKARA BIO INC.	19-Jul-07	Japan
20070166786	Method of gene encoding a 4,5-dihydroxy-2-cyclopenten-1-one (DHCP) efflux protein promoting resistance to DHCP	Takara Bio, Inc.	19-Jul-07	Japan

20070161031	Functional arrays for high throughput characterization of gene expression regulatory elements	The Board of Trustees of the Leland Stanford Junior University	12-Jul-07	United States
20070154991	Method for overexpression of zwitterionic polysaccharides	The Brigham and Women's Hospital, Inc.	5-Jul-07	United States
20070172853	Use of deletion polymorphisms to predict, prevent, and manage histoincompatibility	The General Hospital Corporation	26-Jul-07	United States
20070172847	MOLECULAR SIGNALING PATHWAYS TRIGGERED BY RITUXIMAB: PROGNOSTIC, DIAGNOSTIC, AND THERAPEUTIC USES	The Regents of the University of California	26-Jul-07	United States
20070154989	ZINC FINGER DOMAINS SPECIFICALLY BINDING AGC	The Scripps Research Institute	5-Jul-07	United States
20070154947	Chemical biodiscriminator	The Trustees of Princeton University	5-Jul-07	United States
20070172950	Lipid-nucleic acid particles prepared via a hydrophobic lipid-nucleic acid complex intermediate and use of gene transfer	The University of British Columbia	26-Jul-07	Canada
20070172919	WDR36 Gene Alterations and Glaucoma	THE UNIVERSITY OF CONNECTICUT	26-Jul-07	United States
20070155013	Pluripotent stem cell growing method	Toshihiro Akaike	5-Jul-07	Japan
20070166731	METHOD OF IDENTIFYING HAIRPIN DNA PROBES BY PARTIAL FOLD ANALYSIS	UNIVERSITY OF ROCHESTER	19-Jul-07	United States
20070172870	Method for diagnosing selected adenocarcinomas	UNIVERSITY OF SOUTH FLORIDA	26-Jul-07	United States
20070161006	Single nucleotide polymorphisms in protein-tyrosine phosphatase receptor-type delta for the diagnosis of susceptibility to infection and asthma	Vita Genomics, Inc.	12-Jul-07	Taiwan
20070161007	Synthetic cofactor analogs of S-adenosylmethionine as ligatable probes of biological methylation and methods for their use	Wisconsin Alumni Research Foundation	12-Jul-07	United States
20070166824	Manipulation of non-terminally differentiated cells using the notch pathway	Yale University	19-Jul-07	United States
20070172889	Human Zven polypeptides	ZymoGenetics, Inc.	26-Jul-07	United States

CHEMISTRY: NATURAL RESINS OR DERIVATIVES

Appl Number	Title	Assignee	Date Issued	Country
20070155956	Preparation of antifreeze protein	Chapman; John William	5-Jul-07	Netherlands
20070155958	Tnf-like secreted protein	Fitzgerald; Stephen Noel	5-Jul-07	United Kingdom

DRUG

Appl Number	Title	Assignee	Date Issued	Country
20070154491	EDIBLE VACCINE	ASAHI GLASS CO., LTD.	5-Jul-07	Japan

20070167392	DOUBLE STRAND COMPOSITIONS COMPRISING DIFFERENTIALLY MODIFIED STRANDS FOR USE IN GENE MODULATION	Bhat; Balkrishen	19-Jul-07	United States
20070167391	DOUBLE STRAND COMPOSITIONS COMPRISING DIFFERENTIALLY MODIFIED STRANDS FOR USE IN GENE MODULATION	Bhat; Balkrishen	19-Jul-07	United States
20070167390	DOUBLE STRAND COMPOSITIONS COMPRISING DIFFERENTIALLY MODIFIED STRANDS FOR USE IN GENE MODULATION	Bhat; Balkrishen	19-Jul-07	United States
20070173475	DOUBLE STRAND COMPOSITIONS COMPRISING DIFFERENTIALLY MODIFIED STRANDS FOR USE IN GENE MODULATION	Bhat; Balkrishen	26-Jul-07	United States
20070173474	DOUBLE STRAND COMPOSITIONS COMPRISING DIFFERENTIALLY MODIFIED STRANDS FOR USE IN GENE MODULATION	Bhat; Balkrishen	26-Jul-07	United States
20070166285	Systems and methods related to degradation of uremic toxins	Brown University	19-Jul-07	United States
20070154489	Infectious bronchitis virus with an altered spike gene	Cavanagh; David	5-Jul-07	United Kingdom
20070160586	Methods for extending the replicative lifespan of cells	Children's Medical Center Corporation	12-Jul-07	United States
20070172462	siRNA-mediated gene silencing of synuclein	Children's Memorial Hospital	26-Jul-07	United States
20070161587	Cobalamin mediated delivery of nucleic acids, analogs and derivatives thereof	Collins; Douglas A	12-Jul-07	United States
20070160581	Production of ssDNA in vivo	CYTOGENIX, INC.	12-Jul-07	United States
20070173476	MODIFIED POLYNUCLEOTIDES FOR USE IN RNA INTERFERENCE	DHARMACON INC.	26-Jul-07	United States
20070167384	Modified polynucleotides for use in rna interference	DHARMACON, INC.	19-Jul-07	United States
20070166366	Autologous upregulation mechanism allowing optimized cell type-specific and regulated gene expression cells	Dong; Jian-Yun	19-Jul-07	United States
20070160585	Remedy for prion disease and method of producing the same	Fujinaga; Kei	12-Jul-07	Japan
20070154447	Linear polyethylenimine-sterol conjugates for gene delivery	Furgeson; Darin Y	5-Jul-07	United States
20070160618	CARDIOTROPHIN-1 COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR	GENENTECH, INC.	12-Jul-07	United States
20070155742	TRICYCLIC-BIS-ENONE DERIVATIVES AND METHODS OF USE THEREOF	Honda; Tadashi	5-Jul-07	United States

20070154474	Human Prostate Specific G-Protein Receptor HPRAJ70	Human Genome Sciences, Inc.	5-Jul-07	United States
20070154467	Detection of mutations in a gene associated with resistance to viral infection, OAS1	Illumigen Biosciences, Inc.	5-Jul-07	United States
20070172485	Glycopeptides derived from pancreatic structures, antibodies and applications thereof in diagnostics and therapeutics	Institut National de la Sante et de la Recherche Medicale	26-Jul-07	France
20070154469	IGM production by transformed cells and methods of quantifying said IgM production	Irie; Reiko	5-Jul-07	Japan
20070160530	Antibodies and molecules derived therefrom that bind to steap-1 proteins	Jakobovits; Aya	12-Jul-07	United States
20070172460	Random peptide library displayed on aav vectors	Kleinschmidt; Jurgen	26-Jul-07	Germany
20070161584	Drug for preventing or treating heart diseases comprising cd9 gene	Kosai; Kenichiro	12-Jul-07	Japan
20070161588	Modulating cancer cell characteristics	Lawman; Michael J. P.	12-Jul-07	United States
20070154487	Compositions and methods for modulation of RORgammat functions	Littman; Dan	5-Jul-07	United States
20070166318	Compositions, splice variants and methods relating to ovarian specific nucleic acids and proteins	Macina; Roberto A	19-Jul-07	United States
20070161595	Method of treating neurodegenerative disease	Mayo Foundation for Medical Education and Research	12-Jul-07	United States
20070161590	Methods and sequences to preferentially suppress expression of mutated huntingtin	Medtronic, Inc.	12-Jul-07	United States
20070172493	12832, a novel human kinase-like molecule and uses thereof	Millennium Pharmaceuticals, Inc.	26-Jul-07	United States
20070173465	Expression of zeta negative and zeta positive nucleic acids using a dystrophin gene	MIRUS CORPORATION	26-Jul-07	United States
20070160657	Targeting and intestinal-absorption controlled liposome having sugar chain and therapeutic drug for cancer and diagnostic drug containing the liposome	National Institute of Advanced Industrial Science	12-Jul-07	Japan
20070166330	gM-NEGATIVE EHV-MUTANTS WITHOUT HETEROLOGOUS ELEMENTS	Neubauer; Antonie	19-Jul-07	Germany
20070155684	Compositions and methods for generating short double-stranded rna using mutated rnaase III	New England Biolabs, Inc.	5-Jul-07	United States
20070155772	Use of genetic polymorphisms that associate with efficacy of treatment of inflammatory disease	NOVARTIS	5-Jul-07	United States
20070166308	Antibodies to MADCAM	Pullen; Nicholas	19-Jul-07	United Kingdom

20070154448	Methods and compositions using Substance P to promote wound healing	Reid; Ted	5-Jul-07	United States
20070161548	Use of adam 12 for diagnosis and therapy of preeclampsia	RUBRECHT-KARLS-UNIVERSITAT HEIDELBERG	12-Jul-07	Germany
20070166312	Antibody against tumor specific antigen as target	Sankyo Company , Limited	19-Jul-07	Japan
20070161596	RNA INTERFERENCE MEDIATED TREATMENT OF ALZHEIMER'S DISEASE USING SHORT INTERFERING NUCLEIC ACID (siNA)	SIRNA THERAPEUTICS, INC.	12-Jul-07	United States
20070167393	RNA INTERFERENCE MEDIATED INHIBITION OF GENE EXPRESSION USING CHEMICALLY MODIFIED SHORT INTERFERING NUCLEIC ACID (siNA)	Sirna Therapeutics, Inc.	19-Jul-07	United States
20070173473	RNA interference mediated inhibition of proprotein convertase subtilisin Kexin 9 (PCSK9) gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	26-Jul-07	United States
20070173467	Rna interference mediated inhibition of cholesteryl ester transfer protein (cetp) gene expression using short interfering nucleic acid (sina)	Sirna Therapeutics, Inc.	26-Jul-07	United States
20070173466	Methods of treating inflammatory diseases associated with bone destruction	Sueishi; Katsuo	26-Jul-07	Japan
20070161586	Drug for preventing and treating atherosclerosis	Takeda Pharmaceutical Company Limited	12-Jul-07	Japan
20070154456	Insulated herpesvirus-derived gene expression cassettes for sustained and regulatable gene expression	UNIVERSITY OF FLORIDA RESERCH FOUNDATION, INC.	5-Jul-07	United States
20070173545	Activation of hypoxia-inducible gene expression	Verma; Ajay	26-Jul-07	United States
20070154490	Sequence Of Reverse Transcriptase Gene And Method Of Use	Wen; Yu-Mei	5-Jul-07	China P. Rep
20070154485	ANTICANCER AGENTS USING VEROTOXIN VARIANTS	Yoshida; Hideo	5-Jul-07	Japan
20070172500	Anthrax antitoxins	Young; John A	26-Jul-07	United States

FLUID SPRINKLING, SPRAYING, AND DIFFUSING

Appl Number	Title	Assignee	Date Issued	Country
20070164133	Low pressure gas accelerated gene gun	Lin; Hao-Jan	19-Jul-07	Taiwan

MULTICELLULAR LIVING ORGANISMS

Appl Number	Title	Assignee	Date Issued	Country
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20070174924	Transgenic mice containing TRP gene disruptions	Allen; Keith D	26-Jul-07	
20070157326	Ee3-protein family and corresponding dna sequence	AXARON BIOSCIENCE AG	5-Jul-07	Germany
20070174925	Treatment models and uses thereof	Barrett; Ruth	26-Jul-07	United Kingdom
20070174927	Transgenic expression constructs for vegetative plant tissue specific expression of nucleic acids	BASF Plant Science GmbH	26-Jul-07	Germany
20070162989	Methods and compositions for treating motor neuron associated disorders	Columbia University	12-Jul-07	United States
20070163002	Fatty acid desaturases and mutant sequences thereof	DeBonte; Lorin R.	12-Jul-07	United States
20070162993	Geranylgeranyl pyrophosphate synthases	E I DU PONT DE NEMOURS AND COMPANY	12-Jul-07	United States
20070169217	Geranylgeranyl pyrophosphate synthases	E I DU PONT DE NEMOURS AND COMPANY	19-Jul-07	United States
20070157338	Insecticidal Plant Cyclotide with Activity Against Homopteran Insects	E.I. DuPont de Nemours and Company	5-Jul-07	United States
20070162983	Diagnostic and therapeutic use of the human sgpl1 gene and protein for neurodegenerative diseases	Evotec NeuroSciences GmbH	12-Jul-07	Germany
20070169229	Method for increasing an abiotic-resistance in monocot plant	GREENGENE BIOTECH INC.	19-Jul-07	Korea
20070169228	Nucleic acid molecules associated with plant cell proliferation and growth and uses thereof	He; Steve Sichuan	19-Jul-07	United States
20070157332	Potato cultivar FL 2095	Hoopes; Robert W	5-Jul-07	United States
20070163007	Method for improving plant transformation efficiency by adding copper ion	JAPAN TOBACCO INC.	12-Jul-07	United States
20070162991	Transgenic mice containing Lrp5 gene disruptions	Klein; Robert	12-Jul-07	United States
20070157324	HUMAN DISEASE MODELING USING SOMATIC GENE TRANSFER	Klein; Ronald	5-Jul-07	United States
20070157331	Protection of female reproductive system from natural and artificial insults	Massachusetts General Hospital, Partners HealthCare Research Ventures & Licensing	5-Jul-07	United States
20070169224	Novel vector and method of constructing transformant plant using the vector	NIPPON PAPER INDUSTRIES CO., LTD	19-Jul-07	Japan
20070162984	STARS-a muscle-specific actin-binding protein	Olson; Eric	12-Jul-07	United States
20070169227	Dominant Gene Suppression Transgenes and Methods of Using Same	PIONEER HI-BRED INTERNATIONAL INC.	19-Jul-07	United States
20070174937	PLANT HAVING TOLERANCE TO ENVIRONMENTAL STRESS	RIKEN	26-Jul-07	Japan
20070169216	Novel Cucurbita plants	SYNGENTA BIOTECHNOLOGY, INC	19-Jul-07	United States

20070169214	Thiol methyltransferase-based selection	VALORISATION-RECHERCHE, SOCIETE EN COMMANDITE	19-Jul-07	Canada
20070163006	Cinnamic acid 4-hydroxylase	Wang-Pruski; Gefu	12-Jul-07	Canada

SURGERY

Appl Number	Title	Assignee	Date Issued	Country
20070156082	DEVICE FOR TRANSFERRING MOLECULES TO CELLS USING AN ELECTRIC FORCE	Scherman; Yves	5-Jul-07	France