

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

<b>CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20070099197	Methods of prognosis of prostate cancer	Afar; Daniel E.H	3-May-07	United States
20070111206	Method for diagnosis of tuberculosis by smear microscopy, culture and polymerase chain reaction using processed clinical samples and kit thereof	All India Institute of Medical Sciences	17-May-07	India
20070111228	RNA interference	Amgen Inc.	17-May-07	United States
20070099224	SLC1A1 marker for anxiety disorder	Arnold; Paul Daniel	3-May-07	Canada
20070111311	Plant cells and plants with increased tolerance to environmental stress	BASF Plant Science GmbH	17-May-07	Germany
20070111291	Coryneform Bacteria Which Produce Chemical Compounds I	Bathe; Brigitte	17-May-07	Germany
20070122868	Gene 763 of phytopathogenic fungus magnaporthe grisea and use thereof for identifying fungicidal compounds	Bayer CropScience S.A.	31-May-07	France
20070117142	Regulation of novel human asparagine-hydroxylases	Bayer Healthcare AG	24-May-07	Germany
20070105129	Specific and universal probes and amplification primers to rapidly detect and identify common bacterial pathogens and antibiotic resistance genes from clinical specimens for routine diagnosis in microbiology laboratories	Bergeron; Michel G	10-May-07	Canada
20070111283	Vector system for selection of genes encoding secreted proteins and membrane-bound proteins	Cannon; John P	17-May-07	United States
20070122876	Nucleic acids for enhancing gene expression and use thereof	Chang; Margaret Dah-Tsyr	31-May-07	Taiwan
20070105121	Method for the detection of schizophrenia related gene transcripts in blood	ChondroGene Limited	10-May-07	Canada
20070122890	MICROORGANISM OF CORYNEBACTERIUM GENUS HAVING ENHANCED L-LYSINE PRODUCTION ABILITY AND METHOD OF PRODUCING L-LYSINE USING THE SAME	CJ CORP	31-May-07	Korea
20070117105	Interferon assay	Crow; Mary K	24-May-07	United States
20070105124	Methods and kits for nucleic acid amplification	Datascope Investment Corp.	10-May-07	United States

20070105158	Recombined cell system for deorphanizing g protein-coupled receptors	Deutsches Institut für Ernährungsforschung-Stiftung	10-May-07	Germany
20070111201	Reverse transfection of cell arrays for structural and functional analyses of proteins	Doranz; Benjamin	17-May-07	United States
20070117192	Production of 3-hydroxycarboxylic acid using nitrilase mutants	E I DU PONT DE NEMOURS AND COMPANY	24-May-07	United States
20070122882	GENE SPECIFICALLY EXPRESSED IN POSTMITOTIC DOPAMINERGIC NEURON PRECURSOR CELLS	Eisai Co., Ltd.	31-May-07	Japan
20070111229	Pathogenicity determinants which can be used as targets for developing means for preventing and controlling bacterial infections and/or systemic dissemination	Escaich; Sonia	17-May-07	France
20070117122	Methods of diagnosing or prognosticating age-related macular degeneration	Evotec NeuroSciences GmbH	24-May-07	Germany
20070111212	Method of detecting nucleic acid and utilization thereof	Fuso Pharmaceutical Industries, Ltd.	17-May-07	Japan
20070105109	Sirt1 and genetic disorders	Geesaman; Bard J.	10-May-07	United States
20070111294	Methods and organisms for the growth-coupled production of succinate	Genomatica, Inc.	17-May-07	United States
20070111280	Compositions and methods for non-targeted activation of endogenous genes	Harrington; John Joseph	17-May-07	United States
20070105144	Method of nucleic acid analysis	HITACHI HIGH-TECHNOLOGIES CORPORATION	10-May-07	Japan
20070105097	Method for comparing gene expression level	Huadong Rearch Institute for Medicine and Biotechn	10-May-07	China P Rep
20070117162	Kidney-specific urate transporter and gene thereof	Human Cell Systems, Inc.	24-May-07	Japan
20070111236	Streptococcus suis vaccines and diagnostic tests	ID-Lelystad, Instituut voor Dierhouderij en Deirgezondheid B.V.	17-May-07	Netherlands
20070111231	Detection of mutations in a gene associated with resistance to viral infection, OAS2 and OAS3	Illumigen Biosciences, Inc.	17-May-07	United States
20070122826	Minimal bacterial genome	J. Craig Venter Institute, Inc.	31-May-07	United States
20070117203	Modulation of stem and progenitor cell growth by oscillatory fluid flow	Jacobs; Christopher R	24-May-07	United States
20070111238	Methods for diagnosing and evaluating treatment of blood disorders	Jamieson; Catriona Helen M	17-May-07	United States
20070117127	CROSS-SPECIES NUCLEIC ACID PROBES	Juang; Jyh-Lyh;	24-May-07	Taiwan
20070117191	Reductase gene for alpha-substituted-alpha, beta-unsaturated carbonyl compound	Kamachi; Harumi	24-May-07	Japan

20070099223	Single nucleotide polymorphism associated with stroke susceptibility	Kittner; Steven J.	3-May-07	United States
20070122800	Methods for quantifying polymer attachment to a particle	Lee; Seoju	31-May-07	United States
20070105148	Sphingosine 1-phosphate receptor gene, SPPR	Loughran; Thomas P. JR.	10-May-07	United States
20070099274	Novel human protein kinase, phosphatase, and protease family members and uses thereof	Millennium Pharmaceuticals, Inc.	3-May-07	United States
20070122832	Process for Preparing L-amino Acids	Mockel; Bettina	31-May-07	Germany
20070117146	Allelic variants of GPR50	N.V.ORGANON	24-May-07	Netherlands
20070105172	Multiple gene transcription activity assay system	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	10-May-07	Japan
20070099216	Mutant endonuclease	NISHIKAWA RUBBER CO., LTD.	3-May-07	Japan
20070105147	Rapid method for screening compounds for in vivo activity	NOVARTIS	10-May-07	United States
20070099221	Method of analyzing nucleic acid	Olympus Corporation	3-May-07	Japan
20070111285	Human skeletal muscle-specific ubiquitin-conjugating enzyme	OTSUKA PHARMACEUTICAL CO., LTD.	17-May-07	Japan
20070099214	Identification of a pin specific gene and protein (PIN-1) useful as a diagnostic treatment for prostate cancer	PHILADELPHIA HEALTH & EDUCATION CORPORATION	3-May-07	United States
20070111203	Methods for identifying compounds that modulate untranslated region-dependent gene expression and methods of using same	PTC Therapeutics	17-May-07	United States
20070105151	Small molecule transcriptional activation domains	Regents of the University of Michigan	10-May-07	United States
20070105134	EFFICACY OF CALCIMIMETIC AGENTS	Rothe; Hansjoerg M.	10-May-07	Germany
20070122813	Use of cripto-1 as a biomarker for neurodegenerative disease and method of inhibiting progression thereof	Salomon; David	31-May-07	United States
20070111293	Genes from a gene cluster	SANKYO COMPANY, LIMITED	17-May-07	Japan
20070105096	Endocrine cell lines and methods of using same	Sasaki; Katsutoshi	10-May-07	Japan
20070117095	Diagnostic method for neonatal or infantile epilepsy syndromes	Scheffer; Ingrid Eileen	24-May-07	Australia
20070117128	Rationally-designed meganucleases with altered sequence specificity and DNA-binding affinity	Smith; James J	24-May-07	United States
20070111195	Toxicity typing using liver stem cells	Snodgrass; H. Ralph	17-May-07	United States
20070105136	Methods for identifying, diagnosing, and predicting survival of lymphomas	Staudt; Louis M.	10-May-07	United States
20070122806	Predicting graft rejection	Strom; Terry B	31-May-07	United States

20070105133	Compositions and methods for treating and diagnosing cancer	The Regents of the University of Michigan	10-May-07	United States
20070099209	Compositions and methods for treating and diagnosing cancer	The Regents of the University of Michigan	3-May-07	United States
20070122908	Molecular Delivery to Cells Using Aspirin-Related Compounds	UNIVERSITY OF SOUTH FLORIDA	31-May-07	United States
20070111217	Quantitative trait locus prognostic for changes in regional adiposity and BMI in Caucasian males	Uthurralt; Julieta	17-May-07	United States
20070117182	Nucleic acids conferring transcriptional responsiveness on the RANKL gene promoter and uses thereof	Wisconsin Alumni Research Foundation	24-May-07	United States
20070117132	System and method for analyzing dependence between gene expressions	Yakovlev; Andrei	24-May-07	United States
20070099217	Method for stress evaluation	Yamamoto; Takuro	3-May-07	Japan
20070111296	Methods and Devices for Quantitative Viral Assays	Yin; John	17-May-07	United States
20070105208	Minus strand rna virus vector carrying gene modified in high mutation region	You; Jun	10-May-07	Japan
20070099203	Biomarkers for neurodegenerative disorders	Zhang; Jing	3-May-07	United States

#### CHEMISTRY: NATURAL RESINS OR DERIVATIVES

Appl Number	Title	Assignee	Date Issued	Country
20070112176	Lipid membrane structure containing anti-mt-mmp monoclonal antibody	DAIICHI PHARMACEUTICAL CO., LTD.	17-May-07	Japan

#### DATA PROCESSING

Appl Number	Title	Assignee	Date Issued	Country
20070112585	Cognition analysis	Breiter; Hans C	17-May-07	
20070100556	System, method and software arrangement utilizing a multi-strip procedure that can be applied to gene characterization using dna-array data	LERMAN; GILAD	3-May-07	United States
20070124086	Molecular nephrotoxicology modeling	Mendrick; Donna L	31-May-07	United States

#### DRUG

Appl Number	Title	Assignee	Date Issued	Country
20070104687	AAV vectors for in vivo gene therapy of rheumatoid arthritis	Academisch Medisch Centrum	10-May-07	Netherlands
20070099836	Use of leptin for treating human lipoatrophy and method of determining predisposition to said treatment	Amgen, Inc.	3-May-07	United States
20070122391	Compositions and methods for non-targeted activation of endogenous genes	ATHERSYS, INC.	31-May-07	United States

20070123484	DOUBLE STRAND COMPOSITIONS COMPRISING DIFFERENTIALLY MODIFIED STRANDS FOR USE IN GENE MODULATION	Bhat; Balkrishen	31-May-07	United States
20070111963	Modulation of gene expression by oligomers targeted to chromosomal DNA	Board of Regents, The University of Texas System	17-May-07	United States
20070098689	Mutant viruses	Brown; Susanne Moira	3-May-07	United Kingdom
20070116668	Lymphotoxin-beta, lymphotoxin-beta Complexes, pharmaceutical preparations and therapeutic uses thereof	Browning; Jeffrey L	24-May-07	United States
20070105797	Antisense inhibition of laminin-8 expression to inhibit human gliomas	Cedars-Sinai Medical Center	10-May-07	United States
20070110742	Recombinant peptide vector comprising the gene for treatment for autoimmune diseases	Chae; Young-Jin	17-May-07	Korea
20070116684	Methods of isolation, expansion and differentiation of fetal stem cells from chorionic villus, amniotic fluid, and placenta and therapeutic uses thereof	Children's Medical Center Corporation	24-May-07	United States
20070116683	Methods of isolation, expansion and differentiation of fetal stem cells from chorionic villus, amniotic fluid, and placenta and therapeutic uses thereof	Children's Medical Center Corporation	24-May-07	United States
20070116682	Methods of isolation, expansion and differentiation of fetal stem cells from chorionic villus, amniotic fluid, and placenta and therapeutic uses thereof	Children's Medical Center Corporation	24-May-07	United States
20070104688	Small interfering RNA mediated transcriptional gene silencing in mammalian cells	City of Hope	10-May-07	United States
20070110721	Plasmid maintenance	Cobra Biologics Limited	17-May-07	United Kingdom
20070110734	Methods and compositions using cellular asialodeterminants and glycoconjugates for targeting cells to tissues and organs	Department of Veterans Affairs, Rehabilitation R&D Service	17-May-07	United States
20070099862	siRNA targeting carbonic anhydrase II	DHARMACON INC.	3-May-07	United States
20070098738	MSP-3-like family of genes	Druilhe; Pierre	3-May-07	France
20070123585	Nitroglycerin therapy for those unable to metabolize nitroglycerin	Duke University	31-May-07	United States
20070111935	Combination growth factor therapy and cell therapy for treatment of acute and chronic diseases of the organs	Franco; Wayne P	17-May-07	United States
20070110761	Protein purification means	Fusion Antibodies Limited	17-May-07	United Kingdom
20070110752	Fibroblast growth factor receptors and methods for their use	Genesis Research and Development Corporation Limited	17-May-07	New Zealand

20070104702	Method for treating diseases associated with changes of qualitative and/quantitative composition of blood extracellular dna	Genkin; Dmitry Dmitrievich	10-May-07	Russian Fed
20070099824	Treatments which Alleviate Functional Glycosylated Leptin Transport Factor, for Controlling Weight and Obesity	Gingerich; Ronald	3-May-07	United States
20070104718	Gene BRCC-1 and diagnostic and therapeutic uses thereof	Gokhale; Prafulla	10-May-07	United States
20070110719	Novel use of adenoviruses and nucleic acids that code for said viruses	Holm; Per Sonne	17-May-07	Germany
20070123485	Universal target sequences for siRNA gene silencing	Honigman; Alik	31-May-07	Israel
20070110748	Fibronectin binding protein compositions and methods of use	Hook; Magnus	17-May-07	United States
20070117767	siRNA Molecules and Method of Suppressing Gene Expression With the Use of the Same	JAPAN HEALTH SCIENCES FOUNDATION	24-May-07	Japan
20070122422	Sodium-independent small neutral amino acid transporter transporting L- and D- amino acids	Japan Science and Technology Corporation	31-May-07	Japan
20070110833	Composition comprising the alcohol compound isolated from the extract of cucurbitaceae family plant having anti-adipogenic and anti-obesity activity	Jin; Mi Rim;	17-May-07	Korea
20070116692	Host cells obtained by introducing and expressing VHL gene in cancer cells or embryonic stem cells	Kanno; Hiroshi	24-May-07	Japan
20070111933	Diagnosis and treatment methods related to aging, especially of liver	Kopchick; John J	17-May-07	United States
20070122396	Morphogenic proteins and stimulatory factors in gene therapy	Lee; John C.	31-May-07	United States
20070117755	Methods for blocking TNF-alpha activity in mammals with trimeric soluble TNF receptors	Liang; Peng	24-May-07	United States
20070105794	Immunotherapy	Lipinski; Kai S	10-May-07	United Kingdom
20070122431	Reverse genetic system for Rift Valley fever virus and uses thereof	Makino; Shinji	31-May-07	United States
20070104732	Ligand-pseudoreceptor system for generation of adenoviral vectors with altered tropism	Massie; Bernard	10-May-07	Canada
20070104685	Synthetic gene encoding human carcinoembryonic antigen and uses thereof	MERCK AND CO., INC	10-May-07	United States
20070105804	Endosomolytic Polymers	MIRUS BIO CORPORATION	10-May-07	United States

20070111957	Synthetic gene encoding human epidermal growth factor 2/neu antigen and uses thereof	Monaci; Paolo	17-May-07	Italy
20070099828	BIOMARKERS FOR THE EFFICACY OF CALCITONIN AND PARATHYROID HORMONE TREATMENT	NOVARTIS	3-May-07	United States
20070117766	Vigilant cells	Phillips; M. Ian	24-May-07	United States
20070105795	Gene expression suppression agents	POTOMAC PHARMACEUTICALS, INC.	10-May-07	United States
20070105806	Compositions and methods for inhibiting expression of Nav1.8 gene	Sah; Dinah	10-May-07	United States
20070099860	Compositions and methods for inhibiting expression of huntingtin gene	Sah; Dinah Wen-Yee	3-May-07	United States
20070123483	Method and composition for treating obesity by targeting cathepsin	Shi; Guo-Ping	31-May-07	United States
20070099858	RNA interference mediated of inhibition of influenza virus gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	3-May-07	United States
20070104737	RECOMBINANT LIGHT CHAINS OF BOTULINUM NEUROTOXINS AND LIGHT CHAIN FUSION PROTEINS FOR USE IN RESEARCH AND CLINICAL THERAPY	Smith; Leonard A	10-May-07	United States
20070116686	Method for separating precursor cells producing gabaergic neuron alone	Tamamaki; Nobuaki	24-May-07	Japan
20070123490	Preventing or reducing oxidative stress or oxidative cell injury	THE DOW CHEMICAL COMPANY	31-May-07	United States
20070104708	Compositions, methods, and kits relating to resistin	The Trustees of the University of Pennsylvania	10-May-07	United States
20070104736	NON-TOXIC MUTANTS OF PATHOGENIC GRAM-NEGATIVE BACTERIA	University of Iowa Research Foundation	10-May-07	United States
20070098702	Recombinant protein polymer vectors for systemic gene delivery	University of Maryland	3-May-07	United States
20070122385	Replication competent viruses capable of silencing virus inhibitory factor expression	Vereniging voor christelijk hoger onderwijs	31-May-07	Netherlands
20070104698	Construction and use of genes encoding pathogenic epitopes for treatment of autoimmune disease	Weiner; Leslie P.	10-May-07	United States
20070099826	Treatment of diseases associated with the egr-1 enhancer element	Wong; Norman	3-May-07	Canada

#### MULTICELLULAR LIVING ORGANISMS

Appl Number	Title	Assignee	Date Issued	Country
20070113299	Transgenic avians containing recombinant ovomucoid promoters	AviGenics, Inc.	17-May-07	United States

20070124829	Avians containing a lysozyme promoter transgene	AVIGENICS, INC.	31-May-07	United States
20070118923	Methods and compositions to modulate expression in plants	Barbas; Carlos F. III	24-May-07	United States
20070124836	Methods for genetic control of insect infestations in plants and compositions thereof	Baum; James A.	31-May-07	United States
20070101444	Ion channel	Brice; Nicola	3-May-07	United Kingdom
20070113295	Gene blocking method	California Institute of Technology	17-May-07	United States
20070124830	Plastid genetic engineering via somatic embryogenesis	Daniell; Henry	31-May-07	United States
20070107081	Compositions with increased phytosterol levels obtained from plants with decreased triterpene saponin levels	E I DU PONT DE NEMOURS AND COMPANY	10-May-07	United States
20070107070	Invertebrate animal model with neurodegenerative phenotype for screening and testing substances	Evotec NeuroSciences GmbH.	10-May-07	Germany
20070101452	Method for creating fusion protein and conditional alleles	Fraser; Scott E.	3-May-07	Canada
20070118922	Novel plant promoter	Gidekel; Manuel	24-May-07	Chile
20070118913	Diagnostic and therapeutic use of steroidogenic acute regulatory protein for neurodegenerative diseases	Hesterkamp; Thomas	24-May-07	Germany
20070101450	High-affinity choline transporter	Japan Science and Technology Agency	3-May-07	Japan
20070101445	Transgenic mice carrying the HP-2 gene and uses as models for vascular diseases	Levy; Andrew	3-May-07	Israel
20070118918	Recombinant DNA constructs and methods for controlling gene expression	MONSANTO COMPANY	24-May-07	United States
20070118917	Recombinant DNA constructs and methods for controlling gene expression	MONSANTO COMPANY	24-May-07	United States
20070113302	Recombinant DNA constructs and methods for controlling gene expression	MONSANTO COMPANY	17-May-07	United States
20070113301	Recombinant DNA constructs and methods for controlling gene expression	MONSANTO COMPANY	17-May-07	United States
20070101458	Plant seed-specific expression promoter derived from sesame and seed-specific expression vector comprising the promoter	Suh; Mi-Chung	3-May-07	Korea
20070118933	Seed-specific gene promoters and uses thereof	Takaiwa; Fumio	24-May-07	Japan
20070101457	Methods of controlling reproduction in plants	The Arizona Board of Regents on Behalf of the University of Arizona	3-May-07	United States
20070124828	Allelic form of the HMGA2 gene predisposing women to the formation of Leiomyomas	The Brigham and Women's Hospital, Inc.	31-May-07	United States
20070107079	Plant cell death system	Thomas; Christopher John Robert	10-May-07	United Kingdom

20070101461	Method for Improving Phytoremediation Treatment of a Contaminated Medium	Van Der Lelie; Daniel	3-May-07	Belgium
20070101447	Diagnostic tests for the detection of motor neuropathy	Vlaams Interuniversitair Instituut Voor Biotechnologie VZW	3-May-07	Belgium

**STOCK MATERIAL**

Appl Number	Title	Assignee	Date Issued	Country
20070116955	Magnetic nanoparticles and method for producing the same	National Cheng Kung University	24-May-07	Taiwan