

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

<b>CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Posted</b>	<b>Country</b>
20070238195	Conformational and topological protein regulation	The Regents of the University of California	11-Oct-07	United States
<b>CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20070248961	Methods for detecting mutations in JAK2 nucleic acid	Albitar; Maher	25-Oct-07	United States
20070231841	Methods for Altering Acetic Acid Production and Enhancing Cell Death in Bacteria	Bayles; Kenneth W.;	4-Oct-07	United States
20070238094	Diagnosis, prognosis and monitoring of disease progression of systemic lupus erythematosus through blood leukocyte microarray analysis	Baylor Research Institute	11-Oct-07	United States
20070231816	Module-Level Analysis of Peripheral Blood Leukocyte Transcriptional Profiles	BAYLOR RESEARCH INSTITUTE	4-Oct-07	United States
20070231807	Method for preparing short hairpin RNA from CDNA	Board of Trustees of Southern Illinois University	4-Oct-07	United States
20070231908	Nanospearing for molecular transportation into cells	Cai; Dong	4-Oct-07	United States
20070231801	Predicting negative symptom change during drug treatment	CENTRE FOR ADDICTION AND MENTAL HEALTH	4-Oct-07	Canada
20070231907	METHODS FOR DIRECTING DNA METHYLATION IN MAMMALIAN CELLS USING HOMOLOGOUS, SHORT DOUBLE STRANDED RNAS	CITY OF HOPE	4-Oct-07	United States
20070231862	Peptide scaffolds for transfer of molecules into eukaryotic cells	Diamond; Scott L.	4-Oct-07	United States
20070248995	Molecules	Drkota; Tomas	25-Oct-07	Sweden
20070248970	COMPOSITIONS AND METHODS FOR DETECTING KERATOCONUS	Eye Birth Defects Research Foundation	25-Oct-07	United States
20070238119	Method for detecting cancer and method for suppressing cancer	FUJIFILM Corporation	11-Oct-07	Japan
20070243570	Apoptosis Inducer for Cancer Cell	Genecare Research Institute Co., Ltd	18-Oct-07	Japan
20070243539	GENETIC VARIANTS OF HUMAN INOSITOL POLYPHOSPHATE-4-PHOSPHATASE, TYPE I (INPP4A) USEFUL FOR PREDICTION AND THERAPY OF IMMUNOLOGICAL DISORDER	Ghosh; Balaram	18-Oct-07	India
20070238107	Method of assessing DNA mutability	Guo; Yuyuan	11-Oct-07	United States
20070243611	WT1 interacting protein WTIP	Haruo SUGIYAMA	18-Oct-07	Japan

20070231808	Methods of nucleic acid analysis by single molecule detection	<b>Hitachi High-Technologies Corporation</b>	<b>4-Oct-07</b>	Japan
20070243617	Modular genomes for synthetic biology and metabolic engineering	<b>Holt; Robert A.</b>	<b>18-Oct-07</b>	Canada
20070249016	Method for Gene Amplification	<b>TECHNOLOGY AGENCY</b>	<b>25-Oct-07</b>	Japan
20070243531	Methods of Diagnosing Colorectal Cancer and Reagents Therefor	<b>Kohonen-Corish; Maija</b>	<b>18-Oct-07</b>	Australia
20070243604	Marker for Selecting Transformant with The Use of Lethal Gene	<b>Machida; Masayuki</b>	<b>18-Oct-07</b>	Japan
20070249039	MINUTE CREATURE DETECTION SYSTEM AND ANALYTIC CHIP	<b>Matsuzawa; Mitsuhiro</b>	<b>25-Oct-07</b>	Japan
20070249043	Adenoviral expression vectors	<b>Mayall; Timothy P</b>	<b>25-Oct-07</b>	United States
20070243538	METHODS FOR IDENTIFICATION OF ALPORT SYNDROME	<b>Merlogen, LLC</b>	<b>18-Oct-07</b>	United States
20070238111	Identification of genes or polypeptides the expression of which correlates to fertility, ovarian function and/or fetal/newborn viability	<b>Michigan State University</b>	<b>11-Oct-07</b>	United States
20070238098	Method and Kit for Predicting Adverse Side Effects of Paclitaxel Therapy	<b>Miki; Yoshio</b>	<b>11-Oct-07</b>	Japan
20070231822	Methods for the detection and treatment of cancer	<b>Mitas; Michael</b>	<b>4-Oct-07</b>	United States
20070231868	Nitrile Hydratase	<b>Mitsubishi Rayon Co., Ltd.</b>	<b>4-Oct-07</b>	Japan
20070243530	Nucleic Acid Probes and Broad-Range Primers from Regions in Dna Directed Rna Polymerase Subunit B Genes, and Methods in Which They are Used	<b>Mobidiag Oy</b>	<b>18-Oct-07</b>	Finland
20070248967	Reporter Assay Using Secretory Luminescent Enzymes	<b>NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE</b>	<b>25-Oct-07</b>	Japan
20070238124	DIFFERENTIALLY EXPRESSED GENES RELATED TO CORONARY ARTERY DISEASE	<b>NOVARTIS</b>	<b>11-Oct-07</b>	United States
20070248955	Use Of Genetic Polymorphisms To Predict Drug-Induced Hepatotoxicity	<b>NOVARTIS AG</b>	<b>25-Oct-07</b>	Switzerland
20070231791	Gene Equation to Diagnose Rheumatoid Arthritis	<b>Olsen; Nancy J.;</b>	<b>4-Oct-07</b>	United States
20070243536	Methods for identifying novel pesticidal gene homologues	<b>Pioneer Hi-Bred International, Inc.</b>	<b>18-Oct-07</b>	United States
20070238110	GENETIC TEST FOR THE IDENTIFICATION OF DWARFISM IN CATTLE	<b>Reecy; James M.</b>	<b>11-Oct-07</b>	United States
20070249011	Method for Screening Fungus-Specific Antimicrobial Agent and Kit Therefor	<b>RIKEN</b>	<b>25-Oct-07</b>	Japan
20070243579	Selection Markers Useful for Heterologous Protein Expression	<b>Sedgwick; Steven</b>	<b>18-Oct-07</b>	United Kingdom

20070248972	Page-4, an X-linked gage-like gene expressed in normal and neoplastic prostate, testis and uterus, and uses therefor	The Gov. of the USA as represented by the Secretary, Dept. of health and Human Services	25-Oct-07	United States
20070238125	Probe synthesis method for nucleic acid detection	Uematsu; Chihiro	11-Oct-07	Japan
20070238172	METHODS OF ISOLATING BIPOLENT HEPATIC PROGENITOR CELLS	University of North Carolina	11-Oct-07	United States
20070231853	METHODS OF ISOLATING BIPOLENT HEPATIC PROGENITOR CELLS	University of North Carolina at Chapel Hill	4-Oct-07	United States
20070243550	Molecular Detection and Quantification of Enterococci	UNIVERSITY OF SOUTH FLORIDA	18-Oct-07	United States
20070248998	Integrin CD18 is a Novel Stromal Stem Cell Marker and Functions to Promote Osteogenesis	Zhang; Li	25-Oct-07	United States
20070248974	Identification of a novel gene underlying familial spastic paraplegia	Zuchner; Stephan	25-Oct-07	United States

#### CHEMISTRY: NATURAL RESINS OR DERIVATIVES

Appl Number	Title	Assignee	Date Issued	Country
20070232790	PRODUCTION OF ANTI-SELF ANTIBODIES FROM ANTIBODY SEGMENT REPERTOIRES AND DISPLAYED ON PHAGE	MEDICAL RESEARCH COUNCIL	4-Oct-07	United Kingdom

#### DATA PROCESSING

Appl Number	Title	Assignee	Date Issued	Country
20070244682	Estimating Gene Networks Using Inferential Methods and Biological Constraints	GNI LTD.	18-Oct-07	Japan

#### DRUG

Appl Number	Title	Assignee	Date Issued	Country
20070231261	NUCLEIC ACIDS AND CORRESPONDING PROTEINS ENTITLED 251P5G2 USEFUL IN TREATMENT AND DETECTION OF CANCER	AGENSYS, INC.	4-Oct-07	United States
20070249518	Compositions and Methods for Treating Mental Disorders	Ares Trading S.A.	25-Oct-07	United States
20070231335	Compositions and methods for treating Gram positive bacterial infection in a mammalian subject	Beutler; Bruce	4-Oct-07	United States
20070238648	Methods and compositions employing a novel stearyl-CoA desaturase-hSCD5	Brownlie; Alison J.;	11-Oct-07	Canada
20070237753	Method for selectively transducing pathologic mammalian cells using a tumor suppressor gene	Canji, Inc.	11-Oct-07	United States

20070244064	Methods and compositions to induce antitumor response	<b>Canji, Inc.</b>	<b>18-Oct-07</b>	United States
20070248601	Non-Human Transgenic Mammal for the Constant Region of the Class a Human Immunoglobulin Heavy Chain and Applications Thereof	<b>Centre National De La Recherche Scientifique</b>	<b>25-Oct-07</b>	France
20070243176	Human genes and gene expression products	<b>Chiron Corporation</b>	<b>18-Oct-07</b>	United States
20070248623	Gene Construction, Vector and Dna Vaccine for the Vaccination of Aquatic Animals	<b>Coll Morales; Julio</b>	<b>25-Oct-07</b>	Spain
20070237745	SISP-1, A NOVEL P53 TARGET GENE AND USE THEREOF	<b>CURONIX Co., Ltd.</b>	<b>11-Oct-07</b>	Korea
20070238680	Substance and process for preventing a genetic defect from being passed onto offspring	<b>Dehn; Clayton A.;</b>	<b>11-Oct-07</b>	United States
20070244061	Compositions for Diagnosis and Therapy of Diseases Associated with Aberrant Expression of Futrins (R-Spondin) and/or Wnt	<b>DEUTSCHES KREBSFORSCHUNGSZENTRUM</b>	<b>18-Oct-07</b>	Germany
20070232528	Formulation comprising histone deacetylase inhibitors	<b>Franke; Hanshermann</b>	<b>4-Oct-07</b>	United States
20070237813	Cancer-suppressing agents	<b>FUJIFILM Corporation</b>	<b>11-Oct-07</b>	Japan
20070232541	METHODS OF REGULATING ANGIOGENESIS THROUGH STABILIZATION OF PEDF	<b>GenVec, Inc.</b>	<b>4-Oct-07</b>	United States
20070237787	METHODS FOR USE OF TSLP AND AGONISTS AND ANTAGONISTS THEREOF	<b>GOVERNMENT OF THE USA, REPRESENTED BY THE SECRETARY , DEPA</b>	<b>11-Oct-07</b>	United States
20070231304	PROGNOSTIC FACTORS FOR ANTI-HYPERPROLIFERATIVE DISEASE GENE THERAPY	<b>INTROGEN THERAPEUTICS, INC.</b>	<b>4-Oct-07</b>	United States
20070249551	Compositions and methods for non-parenteral delivery of oligonucleotides	<b>Isis Pharmaceuticals, Inc.</b>	<b>25-Oct-07</b>	United States
20070243168	Minigene expression cassette	<b>Kay; Mark</b>	<b>18-Oct-07</b>	United States
20070244032	Cancer Cell Targeting Gene Delivery Method	<b>Kim; Yeon-Soo</b>	<b>18-Oct-07</b>	Korea
20070248622	ATTENUATED FRANCISELLA BACTERIA	<b>Klose; Karl E.</b>	<b>25-Oct-07</b>	United States
20070238686	Inhibition of Chronic Myelogenous Leukemic Cell Growth By Liposomal-Antisense Oligodeoxy-Nucleotides Targeting To Grb2 or Crk1	<b>Lopez-Berestein; Gabriel</b>	<b>11-Oct-07</b>	United States
20070237718	Multi-disciplinary approach to validating or indentifying targets using an in vivo system	<b>Lu; Patrick Y.</b>	<b>11-Oct-07</b>	United States
20070244031	Methods and Compositions for Homozygous Gene Inactivation Using Collections of Pre-Defined Nucleotide Sequences Complementary Chromosomal Transcripts	<b>Lu; Quan</b>	<b>18-Oct-07</b>	United States

20070232690	Composition for inducing differentiation of leukemic cells and application thereof	<b>Mackay Memorial Hospital</b>	<b>4-Oct-07</b>	Taiwan
20070237717	Methods for Selection of Subjects for Multiple Sclerosis Therapy	<b>Martin; Roland</b>	<b>11-Oct-07</b>	United States
20070231371	Nutritional system and methods for increasing longevity	<b>Nestec, S. A.</b>	<b>4-Oct-07</b>	United States
20070243161	Epigenetic modification of the loci for CAMTA1 and/or FOXP3 as a marker for cancer treatment	<b>Olek; Sven</b>	<b>18-Oct-07</b>	Germany
20070232525	Method of treating pancreatitis	<b>Omary; Bishr</b>	<b>4-Oct-07</b>	United States
20070248576	Regulation of the serotonin reuptake transporter and disease	<b>Philibert; Robert</b>	<b>25-Oct-07</b>	United States
20070243175	Methods and compositions for regenerating tissue	<b>Phillips; Catherine</b>	<b>18-Oct-07</b>	United States
20070243174	Methods and compositions for directing stem cells to the liver	<b>Phillips; Catherine A</b>	<b>18-Oct-07</b>	United States
20070248577	Methods and compositions for administering stem cells	<b>Phillips; Catherine A.;</b>	<b>25-Oct-07</b>	United States
20070243173	Methods and compositions for directing stem cells to the heart	<b>Phillips; Catherine A.;</b>	<b>18-Oct-07</b>	United States
20070243186	ISLR gene and its association with osteoarthritis and other bone and cartilage disorders, expression products derived therefrom, and uses thereof	<b>Quark Biotech, Inc.</b>	<b>18-Oct-07</b>	Israel
20070238685	EX VIVO AND IN VIVO EXPRESSION OF THE THROMBOMODULIN GENE FOR THE TREATMENT OF CARDIOVASCULAR AND PERIPHERAL VASCULAR DISEASES	<b>Sehgal; Lakshman R.</b>	<b>11-Oct-07</b>	United States
20070231270	Biopolymer and Gene Complex	<b>SEOUL NATIONAL UNIVERSITY INDUSTRY FOUNDATION</b>	<b>4-Oct-07</b>	Korea
20070248659	Individualized cancer therapy	<b>Shanahan; David</b>	<b>25-Oct-07</b>	United States
20070244030	Method for Assessing Cancerous State	<b>SUMITOMO CHEMICAL COMPANY, LIMITED</b>	<b>18-Oct-07</b>	Japan
20070238638	BAK PROMOTER EXPRESSION SYSTEM	<b>TANOX INC.</b>	<b>11-Oct-07</b>	United States
20070237790	Identification of gene sequences and proteins involved in vaccinia virus dominant T cell epitopes	<b>Terajima; Masanori</b>	<b>11-Oct-07</b>	United States
20070238692	Compositions and methods for treating diseases associated with T-Box and N-Myc	<b>The Regents of the University of California</b>	<b>11-Oct-07</b>	United States
20070231310	Treatment of cone cell degeneration with transfected lineage negative hematopoietic stem cells	<b>The Scripps Research Institute</b>	<b>4-Oct-07</b>	United States
20070231306	Isolated myeloid-like cell populations and methods of treatment therewith	<b>The Scripps Research Institute</b>	<b>4-Oct-07</b>	United States

20070244083	POLYMORPHISMS IN VOLTAGE-GATED SODIUM CHANNEL ALPHA 1-SUBUNIT AS MARKERS FOR THERAPY SELECTION	University of Southern California	18-Oct-07	United States
20070248543	Chicken Deoxycytidine and Deoxyadenosine Kinase Enzymes and Their Use	ZGene A/S	25-Oct-07	Denmark

#### FOOD OR EDIBLE MATERIAL

Appl Number	Title	Assignee	Date Issued	Country
20070243303	Methods and Means for Regulating Gene Expression	Friesland Brands B.V.	18-Oct-07	Netherlands

#### MULTICELLULAR LIVING ORGANISMS

Appl Number	Title	Assignee	Date Issued	Country
20070234438	Nucleic acid molecules and other molecules associated with plants	Abad; Mark S.;	4-Oct-07	United States
20070234439	DNA constructs that contain Helianthus annuus Hahb-10 gene coding sequence, method for generating plants with a shortened life cycle and a high tolerance to herbicidal compounds and transgenic plants with that sequence	Bioceres S.A., Consejo Nacional de Investigaciones Cientificas y Tecnicas	4-Oct-07	Argentina
20070250942	Non-human transgenic mammals useful for identifying and assessing neural stem/progenitor cells	Cold Spring Harbor Laboratory	25-Oct-07	United States
20070250941	VEGF Receptor Conditional Knockout Animals and Methods of Use	Genentech, Inc.	25-Oct-07	United States
20070234442	Polynucleotide Constructs	MONSANTO COMPANY	4-Oct-07	United States
20070250947	IDENTIFICATION AND USE OF TARGET GENES FOR CONTROL OF PLANT PARASITIC NEMATODES	Monsanto Technology LLC	25-Oct-07	United States
20070250943	Construction of Chimera Using En Cells	Nagao; Yasumitsu	25-Oct-07	Japan
20070245424	METHOD FOR PRODUCING GERM-LINE CHIMERIC ANIMAL	Nagao; Yasumitsu	18-Oct-07	Japan
20070234443	Maize Genes For Controlling Plant Growth and Organ Size and Their Use in Improving Crop Plants	PIONEER HI-BRED INTERNATIONAL, INC.	4-Oct-07	United States
20070250945	Usage of Mad-Box Genes in Fruit & Seed Development by Regulating Active Gibberellin Synthesis	Sung; Soon-Kee	25-Oct-07	Korea
20070250939	Mannose Binding Lectin Knock-Out Mice and Methods of Use Thereof	Takahashi; Kazue	25-Oct-07	United States
20070250956	Nitrogen-Regulated Sugar Sensing Gene and Protein and Modulation Thereof	University of Guelph	25-Oct-07	United States

**ORGANIC COMPOUNDS**

<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20070249819	siRNA targeting WEE1 homolog (WEE1)	<b>DHARMACON, INC.</b>	<b>25-Oct-07</b>	United States
20070238868	siRNA targeting chemokine (C-X-C motif) receptor 4 (CXCR4)	<b>DHARMACON, INC.</b>	<b>11-Oct-07</b>	United States
20070232797	siRNA targeting cell division cycle 2-like 5(CDC2L5)	<b>DHARMACON, INC.</b>	<b>4-Oct-07</b>	United States
20070244312	siRNA targeting phosphoinositide-3-kinase, class 2, alpha polypeptide (PIK3C2A)	<b>DHARMACON, INC.</b>	<b>18-Oct-07</b>	United States
20070244311	siRNA targeting coatamer protein complex, subunit beta 2 (CPOB2)	<b>DHARMACON, INC.</b>	<b>18-Oct-07</b>	United States
20070238890	Regulatory sequences for regulation of gene expression in plants and other organisms, and compositions, products and methods related thereto	<b>Malaysian Palm Oil Board</b>	<b>11-Oct-07</b>	Malaysia

**SURGERY**

<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20070232984	HAND-HELD ELECTRICAL STIMULATION DEVICE	<b>Lovell; Michael</b>	<b>4-Oct-07</b>	United States
20070249915	Inhibitors	<b>Shiseido Company, Ltd.</b>	<b>25-Oct-07</b>	Japan