

## April, 2004 - 217 Gene-related Patent Applications in 8 Categories

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Appl Number	Title	Assignee	Date Issued	Country
20040063123	Method of collecting data for estimation of susceptibility to periodontal disease	Abiko, Yoshihiro	01-Apr-04	Japan
20040072169	Modified es cells and es cells-specific gene	Acloque, Herve	15-Apr-04	France
20040076968	Method for detecting pre-disposition to hepatotoxicity	Acuna, Gonzalo	22-Apr-04	Switzerland
20040063099	Methods, systems and software for biological analysis	Affymetrix, Inc.	01-Apr-04	United States
20040063134	Novel isoforms of human pregnancy-associated protein-E	Amersham Biosciences	01-Apr-04	United States
20040072142	Non-mevalonate isoprenoid pathway	Bacher, Adelbert	15-Apr-04	Germany
20040063094	Mutant herpes simplex viruses and uses thereof	Biovex Limited	01-Apr-04	United Kingdom
20040072342	Production and use of microvessels in fibronectin-containing gel	Bothwell, Alfred L.M	15-Apr-04	United States
20040082032	Cctra gene as a tool to produce male-only progeny in the mediterranean fruitfly ceratitis capitata	Bovi, Pasquale Delli	29-Apr-04	Italy
20040072170	Novel target genes for diseases of the heart	Bunk, Daniela Beck	15-Apr-04	Germany
20040072187	Novel mammalian receptor genes and uses	Bunzow, James	15-Apr-04	United States
20040072326	Methods for preparing human thrombopoietin polypeptides by mammalian cell cultures	Cayota Guzicovsky, Alfonso	15-Apr-04	Uruguay
20040076953	Detection of antidepressant induced mania	Centre For Addiction and Mental Health	22-Apr-04	Canada
20040072166	HURP gene as a molecular marker for bladder cancer	Chi Mei Foundation Medical Center	15-Apr-04	Taiwan
20040077009	Human cyclin-dependent kinase (hPNQALRE)	Chiron Corporation	22-Apr-04	United States
20040076997	Metastatic breast and colon cancer regulated genes	Chiron Corporation	22-Apr-04	United States
20040063090	Method for quantification of recombinant viruses	Claudio, Pier Paolo	01-Apr-04	United States
20040063102	Genetic marker and test	Clifton-Bligh, Roderick	01-Apr-04	Australia
20040072235	Cytochrome P450 genetic variations	Dawson, Elliott P.	15-Apr-04	United States
20040082040	Amino acid-producing bacteria and a process for preparing L-amino acids	Degussa AG	29-Apr-04	Germany

20040063181	Process for the preparation of L-amino acids using a gene encoding 6-phosphogluconate dehydrogenase	Degussa-Huls Aktiengesellschaft	01-Apr-04	Germany
20040072327	Human g-protein coupled receptor and uses thereof	Deleersnijder, Willy	15-Apr-04	Netherlands
20040082050	Chorismate biosynthesis enzymes	E I du Pont De Nemours and Company	29-Apr-04	United States
20040072354	Natural promoters for gene expression and metabolic monitoring in bacillus species	E I du Pont de Nemours And Company	15-Apr-04	United States
20040063143	Genes involved in isoprenoid compound production	E I du Pont De Nemours and Company	01-Apr-04	United States
20040081981	Method of detecting risk factor for onset of diabetes	Egashira, Toru	29-Apr-04	Japan
20040076984	Expert system for classification and prediction of generic diseases, and for association of molecular genetic parameters with clinical parameters	Eils, Roland	22-Apr-04	Germany
20040072305	Gene expression profiling from FFPE samples	Erlander, Mark G.	15-Apr-04	United States
20040072206	Method for identifying modulators of transcription	Errington, Jeffrey	15-Apr-04	United Kingdom
20040063097	Nanomachine compositions and methods of use	Evans, Glen A.	01-Apr-04	United States
20040076989	Synaptic transmission assay	Fine, Alan	22-Apr-04	United States
20040063133	Method of normalizing gene expression data	Fuji Photo Film Co., Ltd	01-Apr-04	Japan
20040081974	Method and equipment to monitor nucleic acid hybridization on a dna chip using four-dimensional parameters	Gao, Ben	29-Apr-04	China
20040072161	Haplotypes of the F2RL1 gene	Genaissance Pharmaceuticals	15-Apr-04	United States
20040063203	Non-adenoviral gene product-based complementing cells for adenoviral vectors	GenVec, Inc.	01-Apr-04	United States
20040076977	Marker assisted selection of bovine for improved milk production using diacylglycerol acyltransferase gene dgat1	Georges, Michel Alphonse Julien	22-Apr-04	Belgium
20040082037	Growth arrest homeobox gene	Gorski, David H	29-Apr-04	United States
20040077002	Growth arrest homeobox gene	Gorski, David H.	22-Apr-04	United States
20040067500	Compositions and methods relating to the peroxisomal proliferator activated receptor-alpha mediated pathway	Gould-Rothberg, Bonnie	08-Apr-04	United States

20040072300	Expression of immunoglobulin-cytokine fusion proteins in malignant B cells	GSF-Forschungszentrum fur Umwelt und Gesundheit	15-Apr-04	Germany
20040072178	Genes encoding proteins capable of regenerating luciferin, recombinant dna and process for producng protein capable of regenerating luciferin	Hirokawa, Kozo	15-Apr-04	Japan
20040072230	Human SORBS1 genetic variations contribute to insulin resistance, obesity, type 2 diabetes, and hypertension	Hsiung, Chao Agnes	15-Apr-04	Taiwan
20040082031	Inflammatory inhibition factor fwa116	Hui, Rutai	29-Apr-04	China
20040072289	Novel transcriptional factor enhancing the resistance of plants to osmotic stress	Hwang, Inhwan	15-Apr-04	Korea
20040072321	Alkaline protease	Kao Corporation	15-Apr-04	Japan
20040076974	Liver necrosis predictive genes	Kier, Larry D.	22-Apr-04	United States
20040072352	Expression vector for animal cell containing nuclear matrix attachment region of interferon beta	Kim, Jeong Do;	15-Apr-04	Korea
20040077029	Human protooncogene and protein encoded therein	Kim, Jin Woo	22-Apr-04	Korea
20040063139	Detection and identification of enteric bacteria	Kimberly-Clark Worldwide, Inc.	01-Apr-04	United States
20040077082	RNA-based inhibitory oligonucleotides	Koehn, Richard K.	22-Apr-04	United States
20040072353	Transgenic zoysiagrass with reduced shade avoidance	Kohichi, Tohyama	15-Apr-04	Korea
20040077049	Regulation of human wee1-like serine/threonine protein kinase	Kohler, Rainer H	22-Apr-04	United States
20040076996	Gene analysis method and analyzer therefor	Kondo, Toshihiko	22-Apr-04	Japan
20040077047	Method for producing heterologous proteins in a homothallic fungus of the sordariaceae family	Kuck, Ulrich	22-Apr-04	Germany
20040082034	Internal ribosome entry site of the labial gene for protein expression	Lee, Dung-Fang	29-Apr-04	Taiwan
20040072243	Indexed library of cells containing genomic modifications and methods of making and utilizing the same	Lexicon Genetics Incorporated	15-Apr-04	United States
20040081989	Novel human lysosomal protein and methods of its use	Lobel, Peter	29-Apr-04	United States

20040067543	Multi-disciplinary approach to validating or identifying targets using an in vivo system	Lu, Patrick Y.	08-Apr-04	United States
20040063176	Compositions, methods and kits relating to remodel	Maine Medical Center Research Institute	01-Apr-04	United States
20040077020	Diagnostic microarray for inflammatory bowel disease, crohn's disease and ulcerative colitis	Mannick, Elizabeth E	22-Apr-04	United States
20040067566	Process for producing coenzyme q10	Matsuda, Hideyuki	08-Apr-04	Japan
20040067588	Cell-free assay and in vivo method for plant genetic repair using chloroplast lysate	May, Gregory D.	08-Apr-04	United States
20040072160	Molecular toxicology modeling	Mendrick, Donna	15-Apr-04	United States
20040072287	Cell lines expressing a mch receptor	Merck and Co Inc	15-Apr-04	United States
20040072194	Ti-4 protein derived from triatoma infestans exhibiting activity to inhibit platelet aggregation	Mie University	15-Apr-04	Japan
20040077010	32142, 21481, 25964, 21686, novel dehydrogenase molecules and uses therefor	Millennium Pharmaceuticals	22-Apr-04	United States
20040082007	47174, a novel human glycosyltransferase and uses thereof	Millennium Pharmaceuticals, Inc.	29-Apr-04	United States
20040063179	Novel potassium channel molecules and uses therefor	Millennium Pharmaceuticals, Inc.	01-Apr-04	United States
20040067513	84569, a novel human map kinase family member and uses therefor	Millennium Pharmaceuticals, Inc.	08-Apr-04	United States
20040081992	Compositions and methods for the treatment and diagnosis of cardiovascular disease	Millennium Pharmaceuticals, Inc.	29-Apr-04	United States
20040072193	Method for collecting and using nuclear mrna	Mitsubishi, Masato	15-Apr-04	United States
20040063180	Nucleotide sequences which code for the zwa1 gene	Mockel, Bettina	01-Apr-04	Germany
20040072171	Method for identifying compounds for modulating the activity of a tumor suppressor protein	Morrison, Helen	15-Apr-04	Germany
20040067489	Method to determine the risk for side effects of an SSRI treatment in a person	Murphy, Greer M.	08-Apr-04	United States
20040076992	Novel cell adhesion molecule specific to activated leukocyte	Nakamura, Yusuke	22-Apr-04	Japan
20040063140	Methods for diagnosis of cancer using erbB-3	National Institute of Health	01-Apr-04	United States

20040067512	Single nucleotide polymorphisms and mutations on Alpha-2-Macroglobulin	Neurogenetics, Inc.	08-Apr-04	United States
20040067507	Liver inflammation predictive genes	Nolan, Timothy D.	08-Apr-04	United States
20040077046	Histone deacetylase-related gene and protein	Novartis	22-Apr-04	United States
20040067540	Rapid method for screening compounds for in vivo activity	Novartis	08-Apr-04	United States
20040063188	Kit for treating gastrointestinal tract	Novavax, Inc.	01-Apr-04	United States
20040076986	Novel atopic dermatitis-associated gene and proteins	Ohara, Osamu	22-Apr-04	Japan
20040063182	Process for producing prenyl alcohol	Ohto, Chikara	01-Apr-04	Japan
20040072198	Diagnosis of diseases associated with cdk4	Olek, Alexander	15-Apr-04	Germany
20040072185	Cellular genes involved in oncogenesis, products of said genes and their diagnostic and therapeutic uses	Paterlini-Brechot, Patrizia	15-Apr-04	France
20040067492	Reverse transcription on microarrays	Peng, Allan	08-Apr-04	United States
20040081964	Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners	Pfizer Inc.	29-Apr-04	United States
20040072218	Methods and kits for identifying scavengers of reactive oxygen species (ros)	Quan Pan, Shen	15-Apr-04	Singapore
20040077041	Regulation of human follicle stimulating hormone-like g protein -coupled receptor	Ramakrishnan, Shyam	22-Apr-04	United States
20040077080	Compositions and methods for induction of proteins involved in xenobiotic metabolism	Raucy, Judy	22-Apr-04	United States
20040063178	Murine alpha (1,3) fucosyltransferase Fuc-TVII, DNA encoding the same, method for preparing the same, antibodies recognizing the same, immunoassays for detecting the same, plasmids containing such DNA, and cells containing such a plasmid	Regents of the University of Michigan	01-Apr-04	United States
20040072147	Detection and quantification of human herpes viruses	Reynolds, Thomas R.	15-Apr-04	United States
20040063166	Production of biotin	Roche Vitamins, Inc.	01-Apr-04	United States

20040077040	DNA sequences capable of expressing foreign proteins and metabolites in dicotyledonous plants and cell culture	Rodriguez, Raymond L	22-Apr-04	United States
20040081972	Novel physiologically active peptide and use thereof	Satoh, Mitsuo	29-Apr-04	Japan
20040072165	Method for producing dna encoding polypeptides that are composed of several section, and for producing polypeptides by expressing the dna thus obtained	Schauwecker, Florian	15-Apr-04	Germany
20040067506	Novel root specific promoter driving the expression of a novel Irr receptor-like kinase	Scheres, Ben	08-Apr-04	Netherlands
20040072283	Rapid immunoselection cloning method	Seed, Brian	15-Apr-04	United States
20040076993	Novel calcium-independent phospholipases a2, genes thereof and promoter of the same	Shimizu, Takao	22-Apr-04	Japan
20040077090	Whole cell engineering by mutagenizing a substantial portion of a starting genome, combining mutations, and optionally repeating	Short, Jay M.	22-Apr-04	United States
20040076985	Regulation of human chemokine-like receptor	Smolyar, Alex	22-Apr-04	United States
20040081973	Cloning and characterization of a novel BK channel isoform highly expressed in glioma cells	Sontheimer, Harald W	29-Apr-04	United States
20040072159	Bzip type transcription factors regulating the expression of rice storage protein	Takaiwa, Fumio	15-Apr-04	Japan
20040063120	Expression profile of lung cancer	The Regents of the University of Michigan	01-Apr-04	United States
20040081993	Quantification of gene expression	The Trustees of Boston University	29-Apr-04	United States
20040072265	Human glioma antigen and process for preparing the same	Toda, Masahiro	15-Apr-04	Japan
20040067519	Manganese superoxide dismutase gene polymorphism for predicting cancer susceptibility	University of Southern California	08-Apr-04	United States
20040082000	Identification of genetic components of drug response	Variagenics, Inc.	29-Apr-04	United States

20040082048	Genes and protein sequences useful as drug targets for therapeutic action against protozoa	Viswanath, Nittala Venkata Narasimha	29-Apr-04	India
20040063183	Process for producing d-mannitol	Weymarn, Niklas Von	01-Apr-04	Finland
20040072181	Methods for determining drug responsiveness	Whitehead, Alexander Steven	15-Apr-04	United States
20040063119	Analysis and modification of gene expression in marine invertebrate cells	Willoughby, Robin	01-Apr-04	United States
20040077042	Cell line expressing mutated human tissue-type plasminogen activator, the constructing strategy thereof and method of preparing expressed protein	Xia, Jiahui	22-Apr-04	China
20040077089	Vectors for conditional gene inactivation	Xin, Hong-Bo	22-Apr-04	United States
20040072318	NOVEL PROTEIN-DEAMIDATING ENZYME, GENE ENCODING THE SAME, PRODUCTION PROCESS THEREFOR , AND USE THEREOF	Yamaguchi, Shotaro	15-Apr-04	United Kingdom
20040072328	Plasmid shuttle vector between eschelichia coli and bacteria of genus brevibacillus	Yashiro, Koji	15-Apr-04	Japan
20040067482	Apparatus for microscopic observation of long-term culture of single cell	Yasuda, Kenji	08-Apr-04	Japan
20040072192	Cancer-linked genes as targets for chemotherapy	Young, Paul E	15-Apr-04	United States
20040072312	Process for producing ethanol by using recombinant coryneform bacterium	Yukawa, Hideaki	15-Apr-04	Japan
20040067483	Compositions, methods and kits for identying protein-protein interaction disrupting agents	Zhao, Hui-Fen	08-Apr-04	United States
20040082051	Regulation of human uridine kinase	Zhu, Zhimin	29-Apr-04	United States
20040063174	Regulation of human adenylate cyclase	Zhu, Zhimin	01-Apr-04	United States
<b>CHEMISTRY: NATURAL RESINS OR DERIVATIVES</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>

20040068096	Human single nucleotide polymorphisms in organic anion transport and multi-drug resistant proteins	Bristol-myers Squibb Company	08-Apr-04	United States
20040073008	Recombinant poxvirus for chimeric proteins of the human immunodeficiency virus	Iglesias Perez, Enrique	15-Apr-04	Cuba
20040068098	STR50 and uses thereof	Kachalsky, Sylvia G.	08-Apr-04	United States
20040073005	Ti-3 protein derived from triatoma infestans exhibiting activity to inhibit platelet aggregation	Mie University	15-Apr-04	Japan
20040077834	Nucleic acid molecules encoding DRT111 and uses thereof	Millennium Pharmaceuticals, Inc.	22-Apr-04	United States
20040077833	Regulation of human mrp5-like protein	Smith, Timothy J.	22-Apr-04	United States
20040072998	Trp8, trp9 and trp10, novel markers for cancer	Wissenbach, Ulrich	15-Apr-04	Germany
20040077832	Jfy1 protein induces rapid apoptosis	Yu, Jian	22-Apr-04	United States
20040063907	Gene differentially expressed in breast and bladder cancer and encoded polypeptides	Zauderer, Maurice	01-Apr-04	United States

#### DATA PROCESSING

Appl Number	Title	Assignee	Date Issued	Country
20040064262	Drosophila clipped FRT (CFRT) chromosome insensitive to P transposage, generating method thereof, and application thereof	Chou, Tze-Bin	01-Apr-04	Taiwan
20040068380	Human gtp-rho binding protein 2	Shannon, Mark E.	08-Apr-04	United States

#### DRUGS

Appl Number	Title	Assignee	Date Issued	Country
20040082515	Regulation of biological events using novel compounds	ARIAD Gene Therapeutics, Inc.	29-Apr-04	United States
20040076631	Neutralizing high affinity human monoclonal antibodies specific to RSV F-protein and methods for their manufacture and therapeutic use thereof	Brams, Peter	22-Apr-04	United States
20040063735	Calcitonin gene related peptide receptor antagonists	Bristol-myers Squibb Company	01-Apr-04	United States
20040067217	Chimeric cell-targeting pathogenic organism and method of therapeutic use	California Institute of Technology	08-Apr-04	United States

20040062761	Nucleic acid and corresponding protein entitled 151P3D4 useful in treatment and detection of cancer	Challita-Eid, Pia M.	01-Apr-04	United States
20040071659	Viral-mediated delivery and in vivo expression of polynucleotides encoding anti-angiogenic proteins	Chang, Betty	15-Apr-04	United States
20040063652	Combination gene delivery vehicles	Chiron Corporation	01-Apr-04	United States
20040071631	Use of radiopharmaceuticals and intraoperative radiation probe for delivery of treatment materials	Daghighian, Farhad	15-Apr-04	United States
20040063654	Methods and compositions for therapeutic use of RNA interference	Davis, Mark E.	01-Apr-04	United States
20040072773	Novel functions for dp214	Dohrmann, Cord E.	15-Apr-04	Germany
20040067234	Isocitrate dehydrogenase and uses thereof	Einat, Paz	08-Apr-04	Israel
20040081618	Method of screening physiologically active substance	Enoki, Tatsuji	29-Apr-04	Japan
20040062751	Methods for inhibiting angiogenesis	Genetix Pharmaceuticals, Inc.	01-Apr-04	United States
20040072787	Telomerase reverse transcriptase transcriptional regulatory sequences and methods of using	Geron Corporation	15-Apr-04	United States
20040077575	Inhibition of pathological angiogenesis in vivo	Giordano, Giovan Giacomo	22-Apr-04	Italy
20040072776	Antisense insulin-like growth factor binding protein (igfbp)-2-oligodeoxynucleotides for prostate and other endocrine tumor therapy	Gleave, Martin	15-Apr-04	United States
20040076585	Nanoparticles of cyclic tetrapyrrolic compounds as gene and drug delivery carriers	Gong, Xianchang	22-Apr-04	United States
20040077536	Human and rat pgc-3, ppar-gamma coactivations and splice variants thereof	Hart, Kevin Anthony	22-Apr-04	United Kingdom
20040071660	Adenoviral vectors for gene delivery in skeletal muscle cells or myoblasts	Havenga, Menzo Jans Emco	15-Apr-04	Netherlands
20040062756	Methods for stable transduction of cells with viral vectors	Humeau, Laurent	01-Apr-04	United States

20040077579	Pharmaceutical compositions for the prevention and treatment of atherosclerosis and restenosis after PTCA	Kadomatsu, Kenji	22-Apr-04	Japan
20040072768	Inhibition of proliferation of cells	Khachigian, Levon Michael	15-Apr-04	Australia
20040067880	Prodrug therapy of liver diseases using receptor-mediated delivery of malarial circumsporozoite protein as a carrier	Kuo, Macus Tien	08-Apr-04	United States
20040081638	Delivery of disease control in aquaculture and agriculture using nutritional feeds containing bioactive proteins produced by viruses	Kyle, David J	29-Apr-04	United States
20040062770	Modulators of fgl2 prothrombinase	Levy, Gary	01-Apr-04	United States
20040076607	Asthma associated factors as targets for treating atopic allergies including asthma and related disorders	Magainin Pharmaceuticals Inc.	22-Apr-04	United States
20040082535	Products and methods for gaucher disease therapy	Mahuran, Don J	29-Apr-04	United States
20040072754	Amyloid precursor protein and APP-deprived peptides inhibit tumor growth and metastasis	Marikovsky, Moshe	15-Apr-04	United States
20040077573	Method for regulating the activity of an expression product of a gene transferred into living body	Maruyama, Hiroki	22-Apr-04	Japan
20040071674	Therapeutic treatment of digestive organs with engineered stem cells	Mashimo, Hiroshi	15-Apr-04	United States
20040067226	Gene responsible for stargardt-like dominant macular dystrophy	Merck and Co Inc	08-Apr-04	United States
20040072786	Antisense oligonucleotide inhibition of ras	Monia, Brett P.	15-Apr-04	United States
20040072726	Decoy-containing pharmaceutical compositions and method of using the same	Morishita, Ryuichi	15-Apr-04	Japan
20040072778	Nucleic acid of novel human kinesin-related gene protein encoded by the nucleic acid peptide fragment thereof and anticancer agents comprising the nucleic acid and the like	Nakagawara, Akira	15-Apr-04	Japan

20040072752	Modulating cytokine or hormone signalling in an animal comprising up-regulating the expression of socs sequence in the animal	Nash, Andrew	15-Apr-04	Australia
20040071677	Nephritis treatment by gene therapy	Park, Jong-Gu	15-Apr-04	Korea
20040077538	Use of factor XIIa for treatment of hemophilia A and B and prevention of bleeding	Pollard, Harvey	22-Apr-04	United States
20040081653	Nucleic acids and corresponding proteins entitled 251P5G2 useful in treatment and detection of cancer	Raitano, Arthur B	29-Apr-04	United States
20040077572	Transposon system and methods of use	Regents of the University of Minnesota	22-Apr-04	United States
20040071678	Method of producing genetically modified astrocytes and uses thereof	Research Foundation of the State University of New York	15-Apr-04	United States
20040072779	Method and medicament for inhibiting the expression of a given gene	Ribopharma AG	15-Apr-04	Germany
20040062769	Identification of the domain of Plasmodium falciparum erythrocyte membrane protein 1 (PfEMP1) that mediates adhesion to chondroitin sulfate A	Scherf, Arthur	01-Apr-04	France
20040082531	Dna expression vectors	Smithkline Beecham Corporation	29-Apr-04	United States
20040072775	Enhancing the sensitivity of tumor cells to therapies	Sobol, Robert	15-Apr-04	United States
20040072771	Methods for genetic modification of hematopoietic progenitor cells and uses of the modified cells	Symonds, Geoffrey P.	15-Apr-04	Australia
20040071733	Baculovirus vector vaccine	Takaku, Hiroshi	15-Apr-04	Japan
20040077577	Molecular clones with mutated HIV gag/pol, SIV gag and SIV env genes	The Government of the USA, as represented by the Secretary, Dept. of Health & Human Services	22-Apr-04	United States
20040081652	Neuronal and optic nerve gene expression patterns	The Johns Hopkins University	29-Apr-04	United States
20040071673	Construction and use of genes encoding pathogenic epitopes for treatment of autoimmune disease	Weiner, Leslie P.	15-Apr-04	United States
20040076639	Novel medicinal use of alpha antigen or alpha antigen gene	Yasutomi, Yasuhiro	22-Apr-04	Japan

20040072769	Methods for design and selection of short double-stranded oligonucleotides, and compounds of gene drugs	Yin, James Qinwei	15-Apr-04	United States
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<b>MULTICELLULAR LIVING ORGANISMS</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20040078844	Methods and means for gene silencing	Baulcombe, David Charles	22-Apr-04	United Kingdom
20040068764	Method of enhancing virus-resistance in plants and producing virus-immune plants	Chu, Paul Wing Gay	08-Apr-04	Australia
20040073960	Model animals for visualization of neutral pathways	Chugai Seiyaku Kabushiki Kaisha	15-Apr-04	Japan
20040064848	Chorismate biosynthesis enzymes	E I du Pont De Nemours and Company	01-Apr-04	United States
20040073974	Cyclopropane-fatty-acyl-phospholipid synthase	E I du Pont De Nemours and Company	15-Apr-04	United States
20040083499	Processes and vectors for plastid transformation of higher plants	Eibl, Christian	29-Apr-04	Germany
20040068761	Ends-out gene targeting method	Golic, Kent G.	08-Apr-04	United States
20040064842	Control of gene expression	Graham, Michael Wayne	01-Apr-04	Australia
20040073958	Transgenic animal having drug metabolism enzyme gene and utilization thereof	Katsuki, Motoya	15-Apr-04	Japan
20040078833	Mutations in and genomic structure of herg - along QT syndrome gene	Keating, Mark T	22-Apr-04	United States
20040078843	Method for controlling harmful organisms in the culture of useful plants	Kern, Manfred	22-Apr-04	Germany
20040064855	Production of lysosomal enzymes in plants by transient expression	Large Scale Biology Corporation	01-Apr-04	United States
20040083496	18431 and 32374, novel human protein kinase family members and uses therefor	Millennium Pharmaceuticals, Inc.	29-Apr-04	United States
20040073976	Expression of fructose 1,6 biphosphate aldolase in transgenic plants	Monsanto Technology LLC	15-Apr-04	United States
20040073963	Transgenic mammals	Murakami, Hiroshi	15-Apr-04	Japan
20040083501	Plant genes that confer resistance to strains of Magnaporthe grisea having AVR CO39 cultivar specificity gene	National Ctr for Agricultural Utilization Research	29-Apr-04	United States
20040078850	Poly ADP-ribose polymerase gene and its uses	Pioneer Hi-Bred International, Inc.	22-Apr-04	United States

20040083497	Nucleic acids and corresponding proteins entitled 191P4D12(b) useful in treatment and detection of cancer	Raitano, Arthur B.	29-Apr-04	United States
20040078837	Four human zinc-finger-containing proteins: MDZ3, MDZ4, MDZ7 and MDZ12	Shannon, Mark E	22-Apr-04	United States
20040073968	Genetically engineered duckweed	Stomp, Anne-Marie	15-Apr-04	United States
20040064857	Nuclear male sterile plants, methods of producing same and methods to restore fertility	Syngenta Biotechnology, Inc.	01-Apr-04	Netherlands
20040073970	Disease-resistant plants and method of constructing the same	Takakura, Yoshimitsu	15-Apr-04	Japan
20040078845	Production of gamma linolenic acid by a delta 6-desaturase	Thomas, Terry L	22-Apr-04	United States
20040073959	Genetic control of sex ratio in animal populations	Thresher, Ronald	15-Apr-04	Australia
20040073956	Assay techniques based on growth stage dependent expression inc. elegans	Verwaerde, Philippe	15-Apr-04	France
20040073966	Herbicide-tolerant plants through bypassing metabolic pathway	Zink, Olivier	15-Apr-04	France

#### ORGANIC COMPOUNDS

Appl Number	Title	Assignee	Date Issued	Country
20040068105	Plant thermogenic genes and proteins	Ito, Kikukatsu	08-Apr-04	Japan
20040073018	Human methionine synthase: cloning, and methods for evaluating risk of neural tube defects, cardiovascular disease, and cancer	Gravel, Roy A.	15-Apr-04	United States
20040073022	Cryptic regulatory elements obtained from plants	Her Majesty the Queen in Right of Canada as Rep.by the Minister of Agriculture and Agri-Food Canada	15-Apr-04	Canada
20040077847	Pneumococcal genes, portions thereof, expression products therefrom, and uses of such genes, portions and products	Briles, David E	22-Apr-04	United States
20040082771	Anti-apoptotic gene SCC-S2 and diagnostic and therapeutic uses thereof	Georgetown University	29-Apr-04	United States

<b>PROSTHESIS</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20040073296	Inhibition of restenosis using a DNA-coated stent	Epstein, Stephen E	15-Apr-04	United States

<b>SURGERY</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20040073260	Regulation of type II collagen gene expression using specific and selective electrical and electromagnetic signals	Brighton, Carl T.	15-Apr-04	United States