

JULY, 2004 - 254 Gene-related Patent Applications Posted in 7 Categories

CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING				
Appl Number	Title	Assignee	Date Issued	Country
20040126806	Methods and compositions for multiplex amplification of nucleic acids	AFFYMETRIX, INC.	1-Jul-04	United States
20040146910	Methods of genetic analysis of rat	Affymetrix, INC.	29-Jul-04	United States
20040132099	Methods, systems and computer software for designing and synthesizing sequence arrays	Affymetrix, INC.	22-Jul-04	United States
20040126847	Methods for secretory production of proteins	AJINOMOTO CORPORATE SERVICES, LLC	1-Jul-04	Japan
20040126778	Isolation of dna molecules	AMERSHAM BIOSCIENCES	1-Jul-04	United States
20040146904	Vascular-preferred promoter sequences and uses thereof	ArborGen, LLC	29-Jul-04	New Zealand
20040132192	Method of constructing host and method of producing heterologous protein	ASAHI GLASS COMPANY LIMITED	22-Jul-04	Japan
20040137503	Chemical compounds	AstraZeneca AB, a Swedish Corporation	15-Jul-04	Sweden
20040146986	Runx3 gene showing anti-tumor activity and use thereof	Bae, Suk-Chul	29-Jul-04	Korea
20040146921	Expression profiles for colon cancer and methods of use	Bayer Pharmaceuticals Corporation	29-Jul-04	United States
20040137464	Parallel analysis of single nucleotide polymorphisms	Beck, Hans-Peter	15-Jul-04	Switzerland
20040132032	Genetic test for the identification of carriers of complex vertebral malformations in cattle	Bendixen, Christian	22-Jul-04	Denmark
20040146977	Production of heterologous proteins from <i>Zygosaccharomyces bailii</i>	Biopolo S.C.a.R.L.	29-Jul-04	Itali
20040132191	Yeasts transformed by genes enhancing their cold stress tolerance	Bourgeois, Emmanuelle	22-Jul-04	France
20040147006	Peptides that bind to DNA and inhibit DNA replication, and methods of use	Bullock, Peter	29-Jul-04	United States
20040142454	Nucleotide sequences which code for the mdhA gene	DEGUSSA AG	22-Jul-04	Netherland

20040132110	Method for diagnosing chronic intestinal inflammatory diseases	Desreumaux, Pierre	22-Jul-04	France
20040146878	Method for gene diagnosis of bovine Hsp70 deficiency	Director of Livestock Improvement Association of Japan, Inc.	29-Jul-04	Japan
20040137455	Diagnosis of cancer or benign tumor using the aberrant expression product of the klk4 gene	Dong, Ying	15-Jul-04	Australia
20040126842	Mutant E. coli strains, and their use for producing recombinant polypeptides	Dreyfus, Marc	1-Jul-04	United States
20040142437	Sinapolyglucose:malate sinapolytransferase form malate conjugates from benzoic acid glucosides	E I DU PONT DE NEMOURS AND COMPANY	22-Jul-04	United States
20040132150	Isolated nucleic acids encoding methylenetetrahydrofolate dehydrogenase enzymes	E I DU PONT DE NEMOURS AND COMPANY	22-Jul-04	United States
20040137496	Genes encoding sulfate assimilation proteins	E I DU PONT DE NEMOURS AND COMPANY	15-Jul-04	United States
20040142373	Cellular arrays for the identification of altered gene expression	E I DU PONT DE NEMOURS AND COMPANY	22-Jul-04	United States
20040126848	Natural promoters for gene expression in C1 metabolizing bacteria	E I DU PONT DE NEMOURS AND COMPANY	1-Jul-04	United States
20040146922	Cellular arrays for the identification of altered gene expression	E I DU PONT DE NEMOURS AND COMPANY	29-Jul-04	United States
20040146999	Transformed yeast strains and their use for the production of monoterminial and diterminial aliphatic carboxylates	E.I. du Pont de Nemours and Company	29-Jul-04	United States
20040146868	Methods and nucleic acids for the analysis of CpG dinucleotide methylation status associated with the development of peripheral zone prostate cancer	Epigenomics AG	29-Jul-04	Germany
20040126860	Optimized cardiac contraction through differential phosphorylation of myosin	Epstein, Neal D	1-Jul-04	United States
20040137431	Target sequences for the detection of the west Nile virus	Eritja, Ramon	15-Jul-04	Spain

20040126799	Polynucleotides and polypeptides of the IFNalpha -7 gene	Escary, Jean-Louis	1-Jul-04	France
20040142431	Polynucleotides and polypeptides of the IFNalpha-5 gene	Escary, Jean-Louis	22-Jul-04	France
20040132139	Polynucleotides and polypeptides of the IFNalpha-21 gene	Escary, Jean-Louis	22-Jul-04	France
20040126868	Gram-positive microorganisms with an inactivated cysteine protease-3	Estell, David A	1-Jul-04	
20040146876	Complex element micro-array and methods of use	Estibeiro, Peter	29-Jul-04	United Kingdom
20040132094	Combinatorial libraries of proteins having the scaffold structure of c-type lectinlike domains	Etzerodt, Michael	22-Jul-04	Denmark
20040132038	Nuclear hormone receptor ligand binding domain	Fagan, Richard Joseph	22-Jul-04	United Kingdom
20040132151	Novel adenosine deaminase homolog	Feder, John N.	22-Jul-04	United States
20040132161	Methods and compositions for increasing CD4lymphocyte immune responsiveness	Finkel, Terri H	22-Jul-04	United States
20040132042	Use of double and opposite recombination sites or the single step cloning of two dna segments	Frankard, Valerie Marie-Noelle	22-Jul-04	Belgium
20040132020	Novel enzyme gene and its expression product	Fujiwara, Tsutomu	22-Jul-04	Japan
20040146969	Process for producing recombinant protein and fused protein	Furutani, Masahiro	29-Jul-04	Japan
20040142317	Use of amino acid transporter atbo,+ as a delivery system for drugs and prodrugs	Ganapathy, Vadivel	22-Jul-04	United States
20040132071	Method for examining the caries risk	GC Corporation	22-Jul-04	Japan
20040137505	Gram-positive microorganisms with an inactivated cysteine protease-2	Genencor International, Inc	15-Jul-04	United States
20040146907	Methods and compositions for detecting dysplasia	GENENTECH, INC	29-Jul-04	United States
20040142371	Process for requesting biological experiments and for the delivery of experimental information	GENOMETRIX GENOMICS INC.	22-Jul-04	United States
20040137598	Peptidylarginine deiminase 6	Gossen, Jan Albert;	15-Jul-04	Netherlands

20040142426	Novel proteins and methods for producing the proteins	Goto, Masaaki	22-Jul-04	Japan
20040137444	Method for detecting abnormal gene	Goto, Masahiro	15-Jul-04	Japan
20040146866	Quantitative multiplex detection of nucleic acids	Guoliang Fu	29-Jul-04	United Kingdom
20040142419	Reducing cellular dysfunction caused by mitochondrial gene mutations	Guy, John	22-Jul-04	United States
20040142472	Gene delivery vectors with cell type specificity for primary human chondrocytes	Havenga, Menzo	22-Jul-04	Netherlands
20040137423	Compositions and methods for modulating HDL cholesterol and triglyceride levels	Hayden, Michael R	15-Jul-04	Canada
20040137631	Processes and vectors for plastid transformation	Herz, Stefan	15-Jul-04	Germany
20040126776	Gene library and a method for producing the same	Hofer, Michael	1-Jul-04	Germany
20040137463	Method of identifying target organisms by determining the characteristics of their intronic region nucleic acids	Honeycutt, Rhonda J	15-Jul-04	United States
20040137454	Assay for drug-induced recoding	Howard, Michael T	15-Jul-04	United States
20040132009	Foamy virus mutant reverse transcriptase	Hughes, Stephen	22-Jul-04	United States
20040146858	Novel siRNA gene libraries and methods for their production and use	Immusol, Inc.	29-Jul-04	United States
20040142332	Desaturase antigen of mycobacterium tuberculosis	Institut Pasteur	22-Jul-04	France
20040126862	84P2A9: a prostate and testis specific protien highly expressed in prostate cancer	Jakobovits, Aya	1-Jul-04	United States
20040137466	Methods of isolating and/or identifying related plant sequences	Jofuku, Diane K.	15-Jul-04	United States
20040146929	Novel component in the hedgehog signalling pathway	Karolinska Innovations AB	29-Jul-04	Sweden
20040137488	Methods for identifying the activity of gene products	Kenten, John H	15-Jul-04	United States
20040132039	Screening method comprising combination of discrete dimension assay testing of actives, gene mutation and application assay testing of selected actives	Kjaerulf, Soren	22-Jul-04	Denmark

20040137593	Regulation of human serine/threonine protein kinase-like protein	Kohler, Rainer H	15-Jul-04	United States
20040142388	Method for detecting chronic dementia diseases, and corresponding VGF peptides and detection reagents	Lamping, Norbert	22-Jul-04	Germany
20040146971	Novel p53 inducible protein	Lane, David Philip	29-Jul-04	United Kingdom
20040142477	Cytoplasmic inhibition of gene expression	Large Scale Biology Corporation	22-Jul-04	United States
20040142464	Materials and methods for treating oncological disease	Lawman, Michael J.P	22-Jul-04	United States
20040132060	Variant of HNF-1alpha gene having novel single nucleotide polymorphism and a variant protein encoded by the same	Lee, Yeon-su	22-Jul-04	Korea
20040126883	Method for producing a multi-gene recombinant vector construct and the application	Liu, Yaoguang	1-Jul-04	China P Rep
20040142440	Seryl transfer RNA synthetase polynucleotides and polypeptides and methods of use thereof	Massachusetts Institute of Technology	22-Jul-04	United States
20040126884	Polymeric gene delivery system	Mathiowitz, Edith	1-Jul-04	United States
20040137567	Method of expressing long-chain prenyl diphosphate synthase	Matsuda, Hideyuki	15-Jul-04	Japan
20040137446	Fab I and inhibition of apicomplexan parasites	McLeod, Rima	15-Jul-04	United States
20040137586	Biological systems for manufacture of polyhydroxyalkanoate polymers containing 4-hydroxyacids	Metabolix, Inc.	15-Jul-04	United States
20040146915	Compositions and methods for determining canine gender	Metamorphix, Inc.	29-Jul-04	United States
20040142444	Novel cellulases, the genes encoding them and uses thereof	Miettinen-Oinonen, Arja	22-Jul-04	Finland
20040137577	B7-H2 molecules, novel members of the B7 family and uses thereof	Millennium Pharmaceuticals, Inc	15-Jul-04	United States
20040146939	14189, a novel human kinase and uses thereof	Millennium Pharmaceuticals, Inc	29-Jul-04	United States

20040147004	12832, a novel human kinase-like molecule and uses thereof	Millennium Pharmaceuticals, Inc.	29-Jul-04	United States
20040132087	Novel human enzyme family members and uses thereof	Millennium Pharmaceuticals, Inc.	22-Jul-04	United States
20040142375	26934, a novel cytidine deaminase-like molecule and uses thereof	Millennium Pharmaceuticals, Inc.	22-Jul-04	United States
20040142420	Novel molecules of the TANGO-93-related protein family and uses thereof	Millennium Pharmaceuticals, Inc.	22-Jul-04	United States
20040126774	Correction of factor VIII genetic defects using spliceosome mediated RNA trans splicing	Mitchell, Lloyd G	1-Jul-04	United States
20040132018	Method of detecting risk factor for the onset of arteriosclerosis	Nagano, Makoto	22-Jul-04	Japan
20040132154	Chlorohydrin and hydroxycarboxylic ester asymmetric hydrolase gene	Nakagawa, Atsushi	22-Jul-04	Japan
20040137494	Nucleic acids for detecting colon cancer related gene (CCRG) and methods of use	Narayanan, Ramaswamy	22-Jul-04	United States
20040126768	Selection procedure for identifying transgenic cells, embryos, and plants without the use of antibiotics	NATIONAL CTR FOR AGRICULTURAL UTILIZATION RESEARCH	1-Jul-04	United States
20040147030	Transgenic animals for monitoring water quality	Nebert, Daniel W	29-Jul-04	United States
20040142425	UDP-galactose: beta-N-acetylglucosamine beta1,3 galactosyltransferases, beta3gal-T5	Neose Technologies, Inc.	22-Jul-04	Denmark
20040142476	Organellar targeting of RNA and its use in the interruption of environmental gene flow	New England Biolabs, Inc.	22-Jul-04	United States
20040142351	Associative analysis of gene expression array data	Oklahoma Medical Research Foundation	22-Jul-04	United States
20040142390	Novel mammalian catecholamine receptor genes and uses	Oregon Health Sciences University,	22-Jul-04	United States
20040142349	DNA molecule encoding a variant paraoxonase and uses thereof	Oy Jurilab Ltd.	22-Jul-04	Finland

20040137490	Methods for making polynucleotide libraries, polynucleotide arrays, and cell libraries for high-throughput genomics analysis	PanGenex, Inc	15-Jul-04	United States
20040137572	Compositions and methods for generating conditional knockouts	PanGenex, Inc	15-Jul-04	United States
20040146960	Methods for the identification of inhibitors of Trehalose-6-Phosphate Synthase as antibiotics	PARADIGM GENETICS, INC	29-Jul-04	United States
20040132145	FadR knock-out microorganism and methods for producing L-threonine	Park, Young Hoon	22-Jul-04	Korea
20040146854	Attenuated forms of bovine viral diarrhea virus	Pfizer Inc.	29-Jul-04	United States
20040132124	Neuroprotection by inhibition of diacylglycerol kinase epsilon activity	Prescott, Stephen M	22-Jul-04	United States
20040146873	Advanced sleep phase syndrome gen in humans	Ptacek, Louis	29-Jul-04	United States
20040142360	Compositions and methods for determining genotypes	Quest Diagnostics Investments Incorporated	22-Jul-04	United States
20040132023	Regulation of human caspase-1-like protease	Ramakrishnan, Shyam	22-Jul-04	United States
20040137459	Sequence of the tropheryma whippell bacteria prob gene and oligonucleotide for molecular diagnosis of whipple's disease	Raoult, Didier	15-Jul-04	France
20040137442	Amplified and overexpressed gene in colorectal cancers	REGENTS OF THE UNIVERSITY OF CALIFORNIA	15-Jul-04	United States
20040126791	Compositions and methods for treating trail-resistant cancer cells	Ribopharma AG	1-Jul-04	Germany
20040132017	Oxidoreductase gene associated with the fra16d fragile site	Richards, Robert	22-Jul-04	Australia
20040132188	Use of non-complexing peptides for the preparation of a composition for transfection of a polynucleotide into a cell and compositions useful in gene therapy	Rittner, Karola	22-Jul-04	France
20040146896	Methods and compositions for diagnosing and treating companion animal cancer	Rong, Sing	29-Jul-04	United States

20040137621	Mesenchymal stem cells as a vehicle for ion channel transfer in syncytial structures	Rosen, Michael R	15-Jul-04	United States
20040132030	Identification of neuroblastoma tumor suppressor genes	Roy, Frans Van	22-Jul-04	Belgium
20040137451	Method of detecting nucleotide polymorphism	Sagawa, Hiroaki	15-Jul-04	Japan
20040132016	Novel aliphatic acyltransferase genes	Sakakibara, Keiko	22-Jul-04	Japan
20040137476	Method of detection of SP-A2 gene variants useful for prediction of predisposition to aspergillosis	Sarma, Puranam Usha	15-Jul-04	India
20040137622	Modular transfection systems	Schmidt, Hanns-Martin	15-Jul-04	Germany
20040137450	Als2 gene and amyotrophic lateral sclerosis type 2	Shinji, Hadano	15-Jul-04	Japan
20040126804	Homology analysis system, homology analysis method, homology analysis program, and transaction establishment system	Shinozawa, Takao	1-Jul-04	Japan
20040142452	Circular DNA molecule having a conditional origin of replication, process for their preparation and their use in gene therapy	Soubrier, Fabienne	22-Jul-04	United States
20040126755	Gene expression based method for distinguishing metastatic from non-metastatic forms of a tumor, and use in designing therapeutic drugs	Stephan, Dietrich A	1-Jul-04	United States
20040146955	CA IX-specific inhibitors	Supuran, Claudiu	29-Jul-04	Italy
20040137443	Novel clock gene promoter	Takasugi, Tomohiro	15-Jul-04	Japan
20040146967	Novel g protein-coupled receptor protein and dna thereof	TAKEDA PHARMACEUTICALS NORTH AMERICA, INC	29-Jul-04	Japan
20040147026	Lentivirus vector system	the Dept. of Health and Human Services	29-Jul-04	United States
20040132190	Gene therapy for myocardial ischemia	The Regents of the University of California	22-Jul-04	United States

20040137487	hKCa3/KCNN3 small conductance calcium activated potassium channel: a diagnostic marker and therapeutic target	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	15-Jul-04	United States
20040146954	Compositions that specifically bind to colorectal cancer cells and methods of using the same	Thomas Jefferson University	29-Jul-04	United States
20040137627	Paramyxovirus vectors used for transfer of foreign genes	Tokusumi, Tsuyoshi	15-Jul-04	Japan
20040132036	Agarase and gene thereof	Tomono, Jun	22-Jul-04	Japan
20040147027	Complex for facilitating delivery of dsRNA into a cell and uses thereof	Troy, Carol M.	29-Jul-04	United States
20040137510	Method for detecting growth hormone variations in humans, the variations and their uses	UNIVERSITY OF WALES COLLEGE OF MEDICINE	15-Jul-04	United Kingdom
20040142387	Mutants of GAD65 and Ica5 relating to diabetes	University of Washington	22-Jul-04	United States
20040132074	New enzyme for an in vivo and in vitro utilisation of carbohydrates	VALTION TEKNILLINEN TUTKIMUSKESKUS	22-Jul-04	Finland
20040126873	Cells engineered to contain genes of interest	Villa, Manuel J.	1-Jul-04	United States
20040137573	Human vanilloid receptor-like proteins	Warner-Lambert Company	15-Jul-04	United States
20040146894	Methods of diagnosing and treating stress urinary incontinence	Warrington, Janet A.	29-Jul-04	United States
20040126786	Use of polymorphism of the serotonin transporter gene promoter as a predictor of disease risk	Williams, Redford B. JR	1-Jul-04	United States
20040142328	Method and cloning vector for preparing multiple-gene diagnostic probes for the assessment of multiple markers for breast cancer prognosis	WINDBER RESEARCH INSTITUTE	22-Jul-04	United States
20040132033	Human heparanase gene regulatory sequences	Wolffe, Elizabeth J	22-Jul-04	United States
20040146906	Novel PTH responsive gene	Wyeth	29-Jul-04	United States
20040137437	Human source leading sequence, gene vector and gene expression strategy	Xia, Jiahui	15-Jul-04	China P Rep

20040142337	Method of constructing cdna tag for identifying expressed gene and method of analyzing gene expression	Yamamoto, Mikio	22-Jul-04	Japan
20040137460	Genes with es cell-specific expression	Yamanaka, Shinya;	15-Jul-04	Japan
20040142445	Novel metalloprotease having aggrecanase activity	YAMANOUCI PHARMACEUTICAL CO., LTD.	22-Jul-04	Japan
20040132120	Cell regulatory genes, encoded products, and uses related thereto	Yang, Annie	22-Jul-04	United States
20040146998	Transformant and process for producing polyester by using the same	Yokomizo, Satoru	29-Jul-04	Japan

CHEMISTRY: NATURAL RESINS OR DERIVATIVES				
Appl Number	Title	Assignee	Date Issued	Country
20040147719	Type III bacterial strains for use in medicine	Cornelis, Guy	29-Jul-04	Belgium
20040147724	Nuclear hormone receptor ligand binding domain	Fagan, Richard Joseph	29-Jul-04	United Kingdom
20040132976	Colon specific genes and proteins	Human Genome Sciences, Inc	22-Jul-04	United States
20040138441	Novel gene functionally related to dyslexia	Kere, Juha	15-Jul-04	Sweden
20040127688	Altered antibodies	Medical Research Council	1-Jul-04	United Kingdom
20040127685	Novel molecules of the card-related protein family and uses thereof	Millennium Pharmaceuticals, Inc.,	1-Jul-04	United States
20040143114	Novel bicyclonucleoside analogues	SANKYO COMPANY, LIMITED	22-Jul-04	Japan
20040143092	Regulation of human dorsal root receptor-like g protein-coupled receptor	Smolyar, Alex	22-Jul-04	United States
20040147720	Novel guasonine triphosphate-binding protein -coupled receptor place 6002312, its gene and production and use of the same	Sugiyama, Tomoyasu	29-Jul-04	Japan
20040127686	Methods and compositions relating to muscle specific sarcomeric calcineurin-binding proteins (calsarcins)	The University of Texas System	1-Jul-04	United States
20040147718	Nucleotide and protein sequences of lats genes and methods based thereon	Yale University	29-Jul-04	United States

20040138430	Novel polypeptide compose substance for promoting blood and blood vessel cell growth	Zhongchao, Han	15-Jul-04	China P Rep
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CLEANING COMPOSITIONS FOR SOLID SURFACES				
Appl Number	Title	Assignee	Date Issued	Country
20040142837	Alkaline protease	Kao Corporation	22-Jul-04	Japan

DATA PROCESSING				
Appl Number	Title	Assignee	Date Issued	United States
20040143559	System and method for developing artificial intelligence	Ayala, Francisco J	22-Jul-04	United States
20040133352	Identification, monitoring and treatment of disease and characterization of biological condition using gene expression profiles	Bevilacqua, Michael	22-Jul-04	United States
20040143401	Methods and apparatus for discovering, identifying and comparing biological activity mechanisms	Elling, John W	22-Jul-04	United States
20040128082	Method and apparatus for determining gene expression levels	International Business Machines Corporation	1-Jul-04	United States
20040128080	Clustering biological data using mutual information	Tolley, Alexander M.	1-Jul-04	United States
20040143399	ANOVA method for data analysis	Weng, Lee	22-Jul-04	United States

DRUG				
Appl Number	Title	Assignee	Date Issued	Country
20040142854	Compounds and methods for stimulating beta-catenin mediated gene expression and differentiation	Adherex Technologies, Inc.	22-Jul-04	Canada
20040146487	Avidin pseudotyped viral vectors and their use	Airenne, Kari Juhani	29-Jul-04	Finland
20040127447	Augmentation of K ⁺ channel expression using adenoviral vectors	Archer, Stephen L.	1-Jul-04	Canada
20040141946	Methods of treating neurological conditions with hematopoietic growth factors	AXARON BIOSCIENCE AG	22-Jul-04	United States
20040147466	Nucleic acid delivery formulations	Barman, Shikha P	29-Jul-04	United States

20040138111	Composition and method to alter lean body mass and bone properties in a subject	Baylor College of Medicine	15-Jul-04	United States
20040127440	Methods and compositions for control of bone formation via modulation of neuropeptide Y activity	BAYLOR COLLEGE OF MEDICINE	1-Jul-04	United States
20040127567	Novel methods for treating disorders in which docosahexaenoic acid (DHA) levels are affected	Beth Israel Deaconess Medical Center, Inc.	1-Jul-04	United States
20040147469	Methods of inhibiting glial scar formation	Case Western Reserve University	29-Jul-04	United States
20040146527	Pertussis toxin gene: cloning and expression of protective antigen	Cleplak, Witold	29-Jul-04	United States
20040137003	Regulated antigen delivery system (rads)	Curtiss III, Roy	15-Jul-04	United States
20040138161	Methods of modulating proliferative conditions	DNAX RESEARCH, INC	15-Jul-04	United States
20040141977	ATRX and uses thereof	Einat, Paz;		United States
20040137002	Anti-microbial agents	Filutowicz, Marcin S.;	15-Jul-04	United States
20040132643	Histone deacetylase inhibitors in diagnosis and treatment of thyroid neoplasms	Fojo, Antonio Tito	22-Jul-04	United States
20040127448	Delivery of polypeptides by secretory gland expression	German, Michael S	1-Jul-04	United States
20040142901	Production of pancreatic islet cells and delivery of insulin	German, Michael S.	22-Jul-04	United States
20040142893	Methods for treating and preventing vascular disease	Ikeda, Uichi	22-Jul-04	Japan
20040142899	Compositions and methods for enhanced biostability and altered biodistribution of oligonucleotides in mammals	ISIS Pharmaceuticals, Inc.	22-Jul-04	United States
20040127449	Method of inducing vasodilation and treating pulmonary hypertension using adenoviral - mediated transfer of the nitric oxide synthase gene	Janssens, Stefan	1-Jul-04	Belgium
20040131658	Identification of diet-regulated disease-associated genes	Kaput, James		United States
20040131620	Human polyclonal antibody compositions	Maeda, Hiroaki	22-Jul-04	Japan
20040147470	Cross-linked oligomeric compounds and their use in gene modulation	Manoharan, Muthiah	29-Jul-04	United States

20040138163	RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid (siNA)	McSwiggen, James	15-Jul-04	United States
20040147475	Composition and method for in vivo and in vitro attenuation of gene expression using double stranded RNA	Medical College of Georgia Research Institute, Inc.	29-Jul-04	United States
20040138165	DNA vaccine formulations	Merck & Co., Inc	15-Jul-04	United States
20040131641	Intradermal delivery of vaccines and gene therapeutic agents via microcannula	Mikszta, John A	22-Jul-04	United States
20040127450	Colon carcinoma related oligonucleotides and methods of use	Narayanan, Ramaswamy	1-Jul-04	France
20040127401	CA125 gene and its use for diagnostic and therapeutic interventions	O'Brien, Timothy	1-Jul-04	United States
20040147438	Remedies for nervous tumor	Okano, Hideyuki	29-Jul-04	Japan
20040138183	7,9-substituted tetracycline compounds	Paratek Pharmaceuticals, Inc.	15-Jul-04	United States
20040132676	Polynucleotide formulation for enhanced intracellular transfer	Pitard, Bruno	22-Jul-04	France
20040132795	Methods to screen and treat individuals with glaucoma or the propensity to develop glaucoma	Polansky, Jon	8-Jul-04	United States
20040138159	Oligonucleotides for regulating the gene coding for tnfr α and/or genes controlled thereby and use thereof	Pourel, Jacques	15-Jul-04	France
20040136961	Nanoparticulate composition for efficient gene transfer	Prokop, Ales	15-Jul-04	United States
20040141959	Somatic cells with ablated PrP gene and methods of use	Prusiner, Stanley B	22-Jul-04	United States
20040141975	Nucleic acid and corresponding protein entitled 98P4B6 useful in treatment and detection of cancer	Raitano, Arthur B	22-Jul-04	United States
20040136981	Regulation of human histamine h ₂ -like g protein-coupled receptor	Ramakrishnan, Shyam	15-Jul-04	United States
20040132674	Regulatory sequence for the specific expression in dendritic cells and uses thereof	Reske-Kunz, Angelika	22-Jul-04	Germany

20040138156	Therapeutic regulation of deoxyribonuclease-1-like-3 activity	Schneider, Michael C	15-Jul-04	United States
20040136976	Regulation of human zinc carboxypeptidase b-like protein	Smolyar, Alex	15-Jul-04	United States
20040127444	Poly-(ADP) ribose polymerase enzyme and uses thereof	Spradling, Allan C.	1-Jul-04	United States
20040146486	Hybrid vector system for use as a vaccine	Sun, Juan	29-Jul-04	United States
20040141918	Nucleotide and deduced amino acid sequences of tumor gene Int6	the Secretary, Department of Health and Human Services	22-Jul-04	United States
20040136963	Simian adenovirus vectors and methods of use	The Trustees of the University of Pennsylvania	15-Jul-04	United States
20040137050	Linear polyethylenimine-sterol conjugates for gene delivery	The University of Utah Research Foundation	15-Jul-04	United States
20040147435	Compositions and methods for importing biologically active molecules into cells and for treating inflammation	Vanderbilt University	29-Jul-04	United States
20040132683	Expression of exogenous polynucleotide sequences in a vertebrate	Vical Incorporated	22-Jul-04	United States
20040136958	Viral vectors for gene therapy	Wadell, Goran	15-Jul-04	Sweden
20040141962	Regulation of human prostatic serine protease	Xiao, Yonghong		United States
20040146489	Cell-specific adenovirus vectors comprising an internal ribosome entry site	Yu, De-Chao	29-Jul-04	United States
20040146522	Multimerization of HIV-1 Vif protein as a therapeutic target	Zhang, Hui	29-Jul-04	United States

MULTICELLULAR LIVING ORGANISMS				
Appl Number	Title	Assignee	Date Issued	Country
20040133947	Method of producing transgenic plants having improved amino acid composition and improved yielding	AJINOMOTO CO. INC	22-Jul-04	Japan
20040143854	Method for generating a genetically modified organism	Aventis Pharma Deutschland GmbH	22-Jul-04	Germany
20040139501	Lis promoter for expression of transgenes in floral tissues	Ball Horticultural Company	15-Jul-04	United States

20040148644	Method for generating overexpression of alleles in genes of unknown function	Bier, Ethan	29-Jul-04	United States
20040148647	Expression vector, methods for the production of heterologous gene products and for the selection of recombinant cells producing high levels of such products	Boehringer Ingelheim Pharma GmbH & Co. KG	29-Jul-04	Germany
20040133941	Methods for identifying genes regulating desired cell phenotypes	Bowen, Benjamin A.	22-Jul-04	United States
20040148649	Repressor-mediated selection strategies	CANADA AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND FOO	29-Jul-04	Canada
20040133930	Production of high levels of transgenic factor ix without gene rescue, and its therapeutic uses	Cooper, Julian D	22-Jul-04	United States
20040133932	Transgenic proteins from multi-gene systems, methods, compositions, uses and the like relating thereto	Cooper, Julian D	22-Jul-04	United States
20040133944	Seed oil suppression to enhance yield of commercially important macromolecules	Delta and Pine Land Company	22-Jul-04	United States
20040139485	cDNA encoding a gene BOG (B5T over-expressed gene) and its protein product	Department of Health and Human Services	15-Jul-04	United States
20040143868	Regulatory sequences for transgenic plants	DOW AGROSCIENCES LLC	22-Jul-04	United States
20040139492	Genes encoding sulfate assimilation proteins	E T DU PONT DE NEMOURS AND COMPANY	15-Jul-04	United States
20040148653	Triacylglycerol lipases	E T DU PONT DE NEMOURS AND COMPANY	29-Jul-04	United States
20040143859	Novel proteins and methods for producing the proteins	Goto, Masaaki	22-Jul-04	Japan
20040139487	Transgenic animal and uses thereof	Holland, Eric Charles	15-Jul-04	United States
20040148667	Means for identifying nucleotide sequences involved in apomixis	Institut De Recherche Pour Le Developpement	29-Jul-04	France
20040128707	Mammalian model for diabetes	Ishino, Fumitoshi	1-Jul-04	Japan

20040128719	Materials and methods for tissue-specific targeting of ethylene insensitivity in transgenic plants	Klee, Harry J.	1-Jul-04	United States
20040143872	Genetic control of organ abscission	Liljegren, Sarah J	22-Jul-04	United States
20040133946	Plant regulatory sequences for selective control of gene expression	MONSANTO COMPANY	22-Jul-04	United States
20040148651	Maize glutamine synthetase gene promoter	Muhitch, Michael J	29-Jul-04	United States
20040143864	Chimeric gene constructs for generation of fluorescent transgenic ornamental fish	NATIONAL UNIVERSITY OF SINGAPORE	22-Jul-04	Singapore
20040148652	Isolated nucleic acid molecules encoding the Dw3 P-glycoprotein of sorghum and methods of modifying growth in transgenic plants therewith	Pioneer Hi-Bred International, Inc.	29-Jul-04	United States
20040139484	Ras p27 animal models and uses thereof	Pledger, W. Jack	15-Jul-04	United States
20040143862	Animal with gene hypoexpression	Satomi, Tomoko	22-Jul-04	Japan
20040139496	Loline alkaloid gene clusters of the fungal endophyte neotyphodium uncinatum	Schardl, Christopher L.	15-Jul-04	United States
20040128703	Methods and compositions for the generation of humanized mice	Shizuya, Hiroaki	1-Jul-04	United States
20040133949	Rice-derived high expression polypeptide chain elongation factor promoter and method of using the same	Tanaka, Hiroshi	8-Jul-04	Japan
20040143860	Novel presenilin associated membrane protein (PAMP)and uses thereof	The Governing Council of the University of Toronto	22-Jul-04	Canada
20040143874	Inducible site-specific recombination for the activation and removal of transgenes in transgenic plants	The Rockefeller University	22-Jul-04	United States
20040139495	Control of bacterial infection by quenching quorum-sensing of plant pathogenic bacteria	Zhang, Lianhui	15-Jul-04	United States

SURGERY				
Appl Number	Title	Assignee	Date Issued	Country

20040138709	Regulation of matrix metalloproteinase gene expression using specific and selective electrical and electromagnetic signals	Brighton, Carl T	15-Jul-04	United States
20040147964	Electrical field therapy with reduced histopathological change in muscle	Nolan, Edward	29-Jul-04	United States

Misclassification and Title				
Appl Number	Title	Assignee	Date Issued	Country
20040145233	Wheel cover and its accessory ring assembly	Kuan Hsings Enterprise Corp.	29-Jul-04	Taiwan