

## MAY, 2004 Patent Applications Posted

CHEMISTRY: ELECTRICAL AND WAVE ENERGY				
Appl. No.	Title	Assignee	Date Posted	Country
20040094419	Nucleic acid analyzing method	Ueda, Masanori	20-May-04	Japan

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Appl. No.	Title	Assignee	Date Posted	Country
20040096871	CFTR allele detection assays	Accola, Molly	20-May-04	United States
20040096844	CFTR allele detection assays	Accola, Molly	20-May-04	United States
20040092009	Codon optimized synthetic	Advisys, Inc.	13-May-04	United States
20040096837	Non-contiguous oligonucleotide probe arrays	Affymetrix, INC.	20-May-04	United States
20040101846	Methods for identifying suitable nucleic acid probe sequences for use in nucleic acid arrays	Agilent Technologies, Inc.	27-May-04	United States
20040101845	Methods designing multiple mRNA transcript nucleic acid probe sequences for use in nucleic acid arrays	Agilent Technologies, Inc.	27-May-04	United States
20040091980	Method for producing L-leucine	Ajinomoto Co., Inc.	13-May-04	Japan
20040086985	Methods of producing agmatine and arginine decarboxylase	Ajinomoto Co., Inc.	6-May-04	Japan
20040101834	Method of and kit for assessing responsiveness of cancer patients to antifolate chemotherapy	Assaraf, Yehuda	27-May-04	Israel
20040091912	Diagnostic method	AstraZeneca AB	13-May-04	Sweden
20040087028	Ecdysone-inducible adeno-associated virus expression vectors	Avigen Inc.	6-May-04	United States
20040086893	Gab2 (p97) gene and methods of use thereof	Beth Israel Deaconess Medical Center, Inc.	6-May-04	United States
20040101963	Production of the lantibiotic cinnamycin with genes isolated from streptomyces cinnamoneus	Bibb, Mervyn James	27-May-04	United States
20040086920	STARS - a muscle-specific actin-binding protein	Board of Regents, The University of Texas System	6-May-04	United States
20040101824	Method for identifying	Brauchle, Christoph	27-May-04	Germany
20040096842	Molecules involved in the regulation of insulin resistance syndrome (irs)	Brodin, Peter	20-May-04	Sweden
20040091988	Methods and compositions employing a novel stearyl-coa desaturase-hscd5	Brownlie, Alison J.	13-May-04	United States

20040087027	Recombinant adenoviral vector and methods of use	Canji, Inc	6-May-04	United States
20040086962	Methods and materials relating to gene expression	Chater, Keith Frederick	6-May-04	United Kingdom
20040101910	Human Thymosin, beta15 gene, protein and uses thereof	Children's Medical Center Corporation	27-May-04	United States
20040086913	Human genes and gene	Chiron Corporation	6-May-04	United States
20040086933	Protein and gene involved in myocyte differentiation	Chugai Seiyaku Kabushiki Kaisha	6-May-04	Japan
20040101840	Identification, cloning and characterization of a novel pc-1 gene differentially expressed in prostate cells and tissues	Chung, Leland W.K.	27-May-04	United States
20040092007	Nucleotide sequences involed in increasing or decreasing mammalian ovulation rate	Davis, George Henry	13-May-04	New Zealand
20040091865	Human stroke gene	deCODE genetics ehf.	13-May-04	Iceland
20040092019	Particle-mediated transformation of animal tissue cells	Duke University and E I Du Pont De Nemours	13-May-04	United States
20040092017	Binary viral expression system in plants	E I Du Pont De Nemours	13-May-04	United States
20040086884	Methods and compositions for RNA interference	Genetica, Inc.	6-May-04	United States
20040086886	Polymorphisms associated with	Goldstein, Steven A.N.	6-May-04	United States
20040091893	Method for studying the effects of	Gordon, Jeffrey	13-May-04	United States
20040101965	Paramyxovirus vector for gene transfer to the cardiovascular system	Griesenbach, Uta	27-May-04	United Kingdom
20040096873	Genotype-dependent fibrinolysis changes with exercise training	Hagberg, James M.	20-May-04	United States
20040101863	Method of detecting lipid	Hattori, Hiroaki	27-May-04	Japan
20040086855	Method for screening genes	Higo, Kenichi	6-May-04	Japan
20040096875	Novel gene for controlling leaf shapes	Hirochika, Hirohiko	20-May-04	Japan
20040086901	Database for analyzing gene function and method of analyzing gene function by dspa	Hiwasa, Takaki	6-May-04	Japan
20040087013	Stable macroscopic membranes formed by self-assembly of amphiphilic peptides and uses therefor	Holmes, Todd	6-May-04	United States
20040087003	Methods and cells for improved production of polyketides	Hu, Zhihao	6-May-04	United States
20040091909	High throughput cytochrome P450 genotyping	Huang, Doug Hui	13-May-04	United States

20040096818	Gene functional analysis and discovery using randomized or target-specific ribozyme gene vector libraries	Immusol, Incorporated	20-May-04	United States
20040091989	L-glutamate oxidase	Inagaki, Kenji	13-May-04	Japan
20040086853	Method for the detection of gene with DNA micro-array	Iwaki, Yoshihide	6-May-04	Japan
20040086873	System and method of generating and storing correlated hyperquantified tissue structure and biomolecular expression datasets	Johnson, Peter C.	6-May-04	United States
20040101878	High-throughput screening system by microarrays	Jones, Michael H.;	27-May-04	Japan
20040086984	Microbiological method for producing ascorbic acid	Kado, Clarence I.	6-May-04	United States
20040101868	Analysis method for hemochromatosis mutation	Kairisto, Veli	27-May-04	Finland
20040096942	Chimeric retinoid X receptors and their use in a novel ecdysone receptor-based inducible gene expression system	Kapitskaya, Marianna Zinovjevna	20-May-04	United States
20040091927	Method for the determination of data for the preparation of the diagnosis of phakomatosis	Kluwe, Lan	13-May-04	Germany
20040101877	Regulation of human 3-ss-hydroxysteroid dehydrogenase-isomerase	Kohler, Rainer	27-May-04	United States
20040096865	Regulation of human tyrosine-specific protein phosphatase	Kohler, Rainer H.	20-May-04	United States
20040091967	Regulation of human histone acetyltransferase	Kohler, Ranier H	13-May-04	United States
20040086903	Epididymal lipocalin gene and uses thereof	Lareyre, Jean-Jacques	6-May-04	France
20040091990	Compositions and methods for regulation of plant gamma-tocopherol methyltransferase	Li, Guofu	13-May-04	United States
20040091913	Composition and method for imaging cells	Livingston, David M	13-May-04	United States
20040086937	Novel method for identifying antibacterial compounds	Loferer, Hannes	6-May-04	Germany
20040091882	Method of detecting sulphate-reducing bacteria	Magot, Michel	13-May-04	France
20040101932	Compositions and methods for targeted enzymatic release of cell regulatory compounds	Marker Gene Technologies, Inc.	27-May-04	United States
20040086898	Novel guanosine triphosphate (gtp)-binding protein-coupled receptor protein, bg37	Maruyama, Takaharu	6-May-04	Japan

20040091985	NAD phosphite oxidoreductase, a novel catalyst from bacteria for regeneration of NAD(P)H	Metcalf, William W.	13-May-04	United States
20040086922	53010, a novel human carboxylesterase family member and uses thereof	Millennium Pharmaceuticals, Inc.	6-May-04	United States
20040086921	57242, a novel human G protein-coupled receptor family member and uses therefor	Millennium Pharmaceuticals, Inc.	6-May-04	United States
20040091892	Restriction endonucleases, method of synthesis and use thereof	Mucke, Merlind	13-May-04	Germany
20040096847	Regulation of human secretin receptor-like gpcr	Murakami, Seishiro	20-May-04	Japan
20040086904	Screening assay for cotranslational translocation interfering compounds	Novartis	6-May-04	
20040101928	Lipolytic enzyme genes	Novozymes North America	27-May-04	United States
20040091860	Rice peroxidases with various characteristics	Ohashi, Yuko	13-May-04	Japan
20040091881	Diagnosis of diseases which are associated with cd24	Olek, Alexander	13-May-04	Germany
20040091863	Regulation of human leukotriene b4-like g protein-coupled receptor	Ramakrishnan, Shyam	13-May-04	United States
20040086998	Heat-inducible promoter	Rhein Biotech Gesellschaft fur Neue Biotechnologische, Prozesse und Produkte GmbH	6-May-04	Switzerland
20040096878	Methods for isolating and characterizing endogenous mRNA-protein (mRNP) complexes	Ribonomics, Inc.	20-May-04	United States
20040101880	Replicative in vivo gene targeting	Rozwadowski, Kevin L;	27-May-04	Canada
20040091868	Method of detection of SP-A2 gene variants useful for predicting the susceptibility of an individual to pulmonary tuberculosis	Sarma, Puranam Usha	13-May-04	India
20040096881	eNOS mutants useful for gene therapy	Schering Aktiengesellschaft	20-May-04	Germany
20040101832	Everninomicin biosynthetic genes	Schering-Plough Corporation	27-May-04	United States
20040096884	Use of prothymosin in the	Schneider, Patrick A.	20-May-04	United States
20040101871	Regulation of human gpcr-like	Smith, Timothy J.	27-May-04	United States
20040096921	Human plasma hyaluronidase	Stern, Robert	20-May-04	United States

20040096855	Genes	Stratton, Michael	20-May-04	United Kingdom
20040096954	Protein AMSH and cDNA thereof	Sugamura, Kazuo	20-May-04	Japan
20040091878	Zinc finger domain recognition	Syngentia	13-May-04	United States
20040091914	Gene assay method for predicting glaucoma onset risk	Sysmex Corporation	13-May-04	United States
20040101875	Novel g protein-coupled receptor protein and dna thereof	Takeda Pharmaceuticals North America	27-May-04	Japan
20040086857	Proliferative glomerular nephritis-	Takeuchi, Kyoko	6-May-04	Japan
20040086906	Method of amplifying mrna and cdna in microquantities	Takiguchi, Masaki;	6-May-04	Japan
20040092016	Enhanced homologous recombination mediated by lambda recombination proteins	The Govt. of the USA as the Secretary of the Dept. of Health and Human Services	13-May-04	United States
20040087025	Methods for transfecting T cells	The United States of America as Represented by the Secretary of the Navy	6-May-04	United States
20040101838	Enzyme-based regeneration of surface-attached nucleic acids	Thompson, Michael;	27-May-04	Canada
20040096848	Oligomeric compounds for the modulation HIF-1alpha expression	Thruue, Charlotte Albaek	20-May-04	Denmark
20040091921	Method for gene expression analysis and kit for gene expression analysis	Uematsu, Chihiro	13-May-04	United States
20040091910	Isolation of RNA, DNA and proteins from formalin-fixed paraffin-embedded tissue specimens	University of Southern California	13-May-04	United States
20040101825	Viruses targeted to hypoxic cells and tissues	Van Meir, Erwin G.	27-May-04	United States
20040091958	Recombinant materials for carotenoid production	Van Ooijen, Albert Johnnes Joseph	13-May-04	Netherlands
20040086934	Protein and gene involved in myocyte differentiation	Wadhwa, Renu	6-May-04	Japan
20040096890	Compositions, organisms and methodologies employing a novel human kinase	Wyeth	20-May-04	United States
20040096889	Compositions, organisms and methodologies employing a novel human kinase	Wyeth	20-May-04	United States
20040091926	Compositions, organisms and methodologies employing a novel human protein phosphatase	Wyeth	13-May-04	United States
20040091965	Regulation of human adam-ts-like protein	Xiao, Yonghong	13-May-04	United States

20040096868	Regulation of human gnat acetyltransferase-like protein	Zhu, Zhimin	20-May-04	United States
20040101931	Immunoglobulin superfamily variants expressed in mesenchymal cells and therapeutic uses thereof	Zipori, Dov;	27-May-04	Israel

<b>CHEMISTRY: NATURAL RESINS OR DERIVATIVES</b>				
<b>Appl. No.</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Posted</b>	<b>Country</b>
20040097704	Alleles of the human kappa opioid receptor gene, diagnostic methods using said alleles, and methods of treatment based thereon	Kreek, Mary Jeanne	20-May-04	United States
20040092710	Nucleotide sequences coding for the cdsA gene	Nampoothiri K., Madhavan	13-May-04	India
20040102606	Histone H2A -derived peptides useful in gene delivery	The Scripps Research Institute	27-May-04	United States

<b>DATA PROCESSING</b>				
<b>Appl. No.</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Posted</b>	<b>Country</b>
20040098204	Selective retrieval of biological samples from an integrated repository	Geometrix Genomics, Inc.	20-May-04	United States

<b>DRUGS</b>				
<b>Appl. No.</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Posted</b>	<b>Country</b>
20040087535	Pharmaceutical composition for angiogenesis	AnGes MG, Inc.	6-May-04	Japan
20040086525	Chlamydia antigens and corresponding DNA fragments and uses thereof	Aventis Pasteur Limited	6-May-04	United States
20040097455	Recombinant viral and non-viral vectors containing the human urokinase plasminogen activator gene and its utilization in the treatment of various types of hepatic, pulmonary, pancreatic and cardiac fibrosis and hypertrophic scars	Borunda, Juan Armendariz	20-May-04	Mexico
20040086489	Methods and compositions useful for stimulating an immune response	ChemoCentryx, Inc.	6-May-04	United States
20040086503	Antibodies to insulin-like growth factor I receptor	Cohen, Bruce D.	6-May-04	United States

20040091497	Schizophrenia-related voltage-gated ion channel gene and protein	Cohen, Daniel	13-May-04	France
20040097458	Particle-mediated transformation of animal tissue cells	Duke University and E I Du Pont De Nemours	20-May-04	United States
20040092445	Use of LP82 to treat hematopoietic disorders	Eli Lilly and Company	13-May-04	United States
20040096424	Modification of gene expression in transgenic plants	Frommer, Wolf B.	20-May-04	Germany
20040091469	Novel enzyme having beta-glucosidase activity and use thereof	Fukasawa, Tomoyuki	13-May-04	Japan
20040102367	Gene expression system based on chimeric receptors	Gage, Fred H;	27-May-04	
20040092473	Method for nucleic acid transfection of cells	Genteric, Inc.	13-May-04	United States
20040096425	Photochemical internalization for virus-mediated molecule delivery into the cyosol	Hogset, Anders	20-May-04	Norway
20040092462	Modulation of endothelial differentiation gene 2 expression	Isis Pharmaceuticals Inc.	13-May-04	United States
20040097414	Human fgf23 protein mutants lowering blood phosphorus level	Itoh, Hiroataka	20-May-04	Japan
20040086494	Immune privileged cells for delivery of proteins and peptides	John, Constance Mary	6-May-04	United States
20040092471	Methods of in vivo gene transfer using a sleeping beauty transposon system	Kay, Mark A.	13-May-04	United States
20040087528	Compositions and methods for	Levy, Robert J.	6-May-04	United States
20040087526	Therapeutically useful compositions of DNA-RNA hybrid duplex constructs	Lin, Shi-Lung	6-May-04	United States
20040086497	Delivery of therapeutic biologicals from implantable tissue matrices	MacLaughlin, David T.	6-May-04	United States
20040087521	Nucleic acid pharmaceuticals-influenza matrix	Merck & Co., Inc.	6-May-04	United States
20040091456	Novel recombinant adenovirus vector with relieved side effects	Nakai, Michio	13-May-04	Japan
20040097439	Isolated polynucleotides having a reduced or an increased content of epigenetic control motifs and uses thereof	Nicolas, Jean-Francois	20-May-04	France
20040092475	Organic compounds	Novartis	13-May-04	United States

20040091453	Pancreatic langerhans beta cell proliferation promoter and apoptosis inhibitor, and screening of candidate compounds for the e drugs	Okamoto, Hiroshi	13-May-04	Japan
20040101512	Adenoviral vectors for treating disease	Onyx Pharmaceuticals	27-May-04	United States
20040102407	Nucleic acid and corresponding protein entitled 193P1E1B useful in treatment and detection of cancer	Raitano, Arthur B.	27-May-04	United States
20040102408	Method and medicament for inhibiting the expression of a given gene	Ribopharma AG	27-May-04	Germany
20040086504	Cyr61 as a target for treatment and diagnosis of breast cancer	Sampath, Deepak	6-May-04	United States
20040101529	REGULATION OF HUMAN SERINE-THREONINE PROTEIN KINASE	Smolyar, Alex	27-May-04	United States
20040092469	Androgen-regulated PMEPA1 gene and polypeptides	Srivastava, Shiv	13-May-04	United States
20040087531	Compositions and methods for the treatment of cancer	Telerman, Adam	6-May-04	France
20040086511	Neuronal gene expression patterns	The Johns Hopkins University	6-May-04	United States
20040086512	Multimerization of HIV-1 VIF protein as a therapeutic target	Thomas Jefferson University	6-May-04	United States
20040102382	Targeting peptides	Transgene, S.A.	27-May-04	France
20040092440	Methods for promoting wound healing and uses thereof	Weinstein, David E.	13-May-04	United States
20040096435	Methods for screening compounds that modulate lipid metabolism	Winther, Michael David	20-May-04	Canada

<b>MULTICELLULAR LIVING ORGANISMS</b>				
<b>Appl. No.</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Posted</b>	<b>Country</b>
20040103456	Regulation of flavonoid expression in alfalfa using maize regulatory genes	Agriculture and Agri-Food Canada	27-May-04	Canada
20040093647	Method of Producing Transgenic Plants Having Improved Amino Acid Composition	Ajinomoto Co., Inc.	13-May-04	Japan
20040088760	Gossypium hirsutum tissue-specific promoters and their use	Allen, Randy D.	6-May-04	United States
20040103450	Soybean mutant strain and soybean oil therefrom	Anai, Toyooki	27-May-04	Japan

20040093625	Transgenic or recombinant non-human mammals and their uses in screening psychoactive medicines	Andrieux, Annie	13-May-04	France
20040088756	RPS gene family, primers, probes, and detection method	Ausubel, Frederick M.	6-May-04	United States
20040103454	Transgenic plants containing molecular decoys that alter protein content therein	Conkling, Mark A.	27-May-04	United States
20040093623	Non-human animal disease	Debyser, Zeger	13-May-04	Belgium
20040088759	Plant diacylglycerol acyltransferases	E I Du Pont De Nemours	6-May-04	United States
20040088764	Processes and vectors for producing transgenic plants	Gleba, Yuri	6-May-04	Germany
20040098757	Mice lacking inward-rectifying	JCR Pharmaceuticals, Inc.	20-May-04	Japan
20040093646	Production of lysosomal enzymes in plants by transient expression	Large Scale Biology Corporation	13-May-04	United States
20040088757	Cytoplasmic gene inhibition or gene expression in transfected plants by tobaviral vector	Large Scale Biology Corporation	6-May-04	United States
20040098759	Genetic modification of plants for enhanced resistance and decreased uptake of heavy metals	Lee, Youngsook;	20-May-04	Korea
20040088749	Protein involved in restoration of cytoplasmic male sterility to fertility and gene encoding the protein and gene	Mitsubishi Chemical Corporation	6-May-04	Japan
20040093634	Deoxymugineic acid synthase and gene thereof	Nishizawa, Naoko	13-May-04	Japan
20040093638	Method for promoting fatty acid synthesis in a plant	Sasaki, Yukiko	13-May-04	Japan
20040088753	Gene encoding acetolactate synthase gene	Shimizu, Tsutomu	6-May-04	Japan
20040103452	Inducible apomixis	Syngentia Biotechnology, Inc.	27-May-04	United States
20040098765	Soybean Cultivar S56-D7	Syngentia Biotechnology, Inc.	20-May-04	United States
20040088761	Gene concerning brassinosteroid-sensitivity of plants and utilization thereof	Tanaka, Hiroshi	6-May-04	Japan
20040088766	Genes regulating circadian clock function and photoperiodism	The State of Oregon on behalf of the University of Oregon	6-May-04	United States
20040088763	Gene hd3a inducing flowering of plant and utilization thereof	Yano, Masahiro	6-May-04	Japan

<b>ORGANIC COMPOUNDS</b>				
--------------------------	--	--	--	--

<b>Appl. No.</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Posted</b>	<b>Country</b>
20040102624	Compositions and methods for regulating autolytic processes in bacteria	Cheung, Ambrose	27-May-04	United States
20040102620	Msh4 gene splicing variant delta	Hirano, Masanori	27-May-04	Japan
20040087784	Neuronal serine-threonine protein kinase	Schneider, Armin	6-May-04	Germany
20040087782	Oligonucleotides for detecting tubercle bacillus and method therefor	Tsuchiya, Shigeo	6-May-04	Japan

<b>SYNTHETIC RESINS OR NATURAL RUBBERS</b>				
<b>Appl. No.</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Posted</b>	<b>Country</b>
20040097659	Medical polymers and uses thereof	Sato, Toshinori	20-May-04	Japan









