

MAY, 2005 Patent Applications Posted

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Appl Number	Title	Assignee	Date Issued	Country
20050112657	Methods and compositions for multiplex amplification of nucleic acids	AFFYMETRIX, INC	26-May-05	United States
20050112584	Methods for evaluating tissue pair combinations for use in nucleic acid array technology	AGILENT TECHNOLOGIES, INC.	26-May-05	United States
20050112729	Recombinant DNA having hydantoinase gene and carbamylase gene and process for producing amino acid	Ajinomoto Co., Inc.	26-May-05	Japan
20050112722	Use of aminoglycoside resistance gene	Al-Rubeai, Mohamed	26-May-05	United Kingdom
20050106671	Expression vector, host cell and method for producing fusion proteins	AMERSHAM BIOSCIENCES	19-May-05	United States
20050095640	Design of artificial genes for use as controls in gene expression analysis systems	Amersham Biosciences Corp.	5-May-05	United States
20050112678	Gene amplification and overexpression in cancer	Amgen Inc.	26-May-05	United States
20050100933	Breast cancer survival and recurrence	Arcturus Bioscience, Inc.	12-May-05	United States
20050095607	Breast cancer signatures	Arcturus Bioscience, Inc. University of Louisville	5-May-05	United States
20050100898	Compositions and methods for genetic analysis of polycystic kidney disease	Athena Diagnostics, Inc.	12-May-05	United States
20050112732	Alleles of the glucokinase gene coryneform bacteria	Bathe, Brigitte	26-May-05	Germany
20050106580	Neomycin-phosphotransferase-genes and methods for the selection for recombinant cells producing high levels of a desired gene product	Boehringer Ingelheim Pharma GmbH & Co. KG	19-May-05	Germany
20050106580	Fluorescent probes for use in protein kinase inhibitor binding assay	Boehringer Ingelheim Pharmaceuticals, Inc.	12-May-05	United States
20050101015	Modification of plant metabolism	Burrell, Michael Meyrick	12-May-05	United Kingdom
20050112752	Method for the purification of alphavirus replicon particles	Chiron Corporation	26-May-05	United States
20050112665	Novel VEGF-like factor	CHUGAI SEIYAKU KABUSHIKI KAISHA	26-May-05	Japan

20050106573	Method of detection of predisposition to high altitude pulmonary edema (HAPE)	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	19-May-05	India
20050100890	Methods for producing and using in vivo pseudotyped retroviruses	Davidson, Beverly L.	12-May-05	United States
20050106731	siRNA-mediated gene silencing with viral vectors	Davidson, Beverly L.;	19-May-05	United States
20050112615	Genetic circuit inverting amplifier	Davies, Stephen William	26-May-05	Canada
20050112611	Susceptibility gene for myocardial infarction and stroke	deCODE genetics ehf.	26-May-05	Iceland
20050112733	Process for the preparation of L-amino acids with amplification of the zwf gene	Degussa AG	26-May-05	Germany
20050112576	Method for the identification of target epitopes of the t-cell mediated immune response and for the detection of epitope specific cells	Demi, Ludwig	26-May-05	Germany
20050100914	Identification of differentially methylated and mutated nucleic acids	Duffy, Hao-Peng Xu	12-May-05	United States
20050100908	PC4 transcriptional coactivators	E I DU PONT DE NEMOURS AND COMPANY	12-May-05	United States
20050106599	Complementary DNAs	Edwards, Jean-Baptiste Dumas Milne	19-May-05	France
20050112748	Low molecular weight gtpase rhot	Endo, Takeshi	26-May-05	Japan
20050112618	Secreted protein	Fagan, Richard Joseph	26-May-05	United Kingdom
20050106679	Leptin proteins	Fagan, Richard Joseph	19-May-05	United Kingdom
20050112751	Novel class of therapeutic protein based molecules	Fang, Fang	26-May-05	United States
20050101001	Proteases from gram-position organisms	Genencor International, Inc.	12-May-05	United States
20050106668	Proteases from gram-positive organisms	Genencor International, Inc.	19-May-05	United States
20050095683	Proteases from gram-positive organisms	Genencor International, Inc.	5-May-05	United States
20050112642	Fibroblast growth factor receptors and methods for their use	GENESIS RESEARCH AND DEVELOPMENT CORPORATION LIMITED	26-May-05	New Zealand
20050095634	qRT-PCR assay system for gene expression profiling	Genomic Health Inc.	5-May-05	United States
20050106595	Expressed sequence tags and encoded human proteins	Genset S.A.	19-May-05	France

20050095643	Method of generating conditionally expressed mutant cells using expressible antisense sequences	GLAXOSMITHKLINE	5-May-05	United States
20050095709	Compositions and methods for inhibiting translation of a chimeric gene	Government of the U.S.A. represented by the Secretary, Department of Health and Human Services	5-May-05	United States
20050106569	Diagnostic and therapeutic use of ma onconeural antigens for neurodegenerative diseases	Hipfel, Rainer	19-May-05	Germany
20050112662	Human potassium channel genes	Icagen, Inc.	26-May-05	United States
20050112715	Methods for the identification of inhibitors of pectin esterase expression or activity in plants	Icoria, Inc.	26-May-05	United States
20050100879	Methods for the identification of inhibitors of flavanone 3-hydroxylase expression or activity in plants	Icoria, Inc.	12-May-05	United States
20050100997	Apoptosis inhibitory protein, gene encoding the protein and cDNA thereof	Ikeda, Joh-E	12-May-05	Japan
20050100888	Methods based on hormone dependency of primary cancer cells	Imperial College Innovations Limited	12-May-05	United Kingdom
20050100888	Screening assays	Imperial College Innovations Limited	12-May-05	United Kingdom
20050112670	Chromosome state analysis	International Business Machines Corporation	26-May-05	United States
20050112764	Sleeping beauty, a transposon vector with a broad host range for the genetic transformation in vertebrates	Ivics, Zoltan	26-May-05	Germany
20050112573	Method of detecting toxic substance	Iwahashi, Hitoshi	26-May-05	Japan
20050095590	Brain expressed cap-2 gene and protein associated with bipolar disorder	JOHNSON & JOHNSON	5-May-05	United States
20050100909	Carrier for gene detection and its use for detecting validity of interferon therapy	KABUSHIKI KAISHA TOSHIBA	12-May-05	Japan
20050112597	Screening expression profile of growth specific genes in swine and functional cDNA chip prepared by using the same	Kim, Chulwook	26-May-05	Korea
20050095713	Vectors for gene mutagenesis and gene discovery	Lexicon Genetics Incorporated	5-May-05	United States

20050095620	Indexed library of cells containing genomic modifications and methods of making and utilizing the same	Lexicon Genetics Incorporated	5-May-05	United States
20050112765	Generation of recombinant adeno-associated viral vectors by a complete adenovirus-mediated approach	LI, Chuan-Yan	26-May-05	United States
20050112648	Genetic markers for pig backfat thickness	Lin, En-Chung	26-May-05	Taiwan
20050100900	Method of nucleic acid amplification	MANTEIA SA	12-May-05	Switzerland
20050095712	Mutations caused by activation-induced cytidine deaminase	Martin, Alberto	5-May-05	Canada
20050106726	RNA interference mediated inhibition of platelet-derived endothelial cell growth factor (ECGF1) gene expression using short interfering nucleic acid (siNA)	McSwiggen, James	19-May-05	United States
20050095633	Novel regulators of fungal gene expression	Microbia, Inc.	5-May-05	United States
20050100940	Novel FDRG protein and nucleic acid molecules and uses therefor	Millennium Pharmaceuticals, Inc.	12-May-05	United States
20050100934	Method for assaying protein-protein interaction	Millennium Pharmaceuticals, Inc.	12-May-05	United States
20050095613	Molecules of the CARD-related protein family and uses thereof	Millennium Pharmaceuticals, Inc.	5-May-05	United States
20050112663	Human potassium channel genes	Miller, Andrew P	26-May-05	United States
20050106600	Compositions and methods for the diagnosis, prevention and treatment of tumor progression	Millinnium Pharmaceuticals, Inc	19-May-05	United States
20050106628	MEGSIN protein	Miyata, Toshio	19-May-05	Japan
20050112664	Nucleotide sequences coding for the citA gene	Mockel, Bettina	26-May-05	Germany
20050106719	Method of efficiently recombining orf encoded by cdna and template vector, trap vector and primer to be used therein	Nagase, Takahiro	19-May-05	Japan
20050100929	Methods and systems for gene expression array analysis	Najarian, Kayvan	12-May-05	United States
20050100924	C/EBPalpha gene targeting constructs and uses thereof	National University of Singapore	12-May-05	Singapore
20050100903	Screening method	Neumaier, Michael	12-May-05	Germany
20050106700	Method of purifying recombinant fused protein and method of producing protein using the same	Nomura, Tsuyoshi	19-May-05	Japan

20050095669	Eubacterial rna-polymerase mutants with altered product production	NOVOZYMES NORTH AMERICA, INC.	5-May-05	Germany
20050106609	Method of detecting a DNA sequence, a DNA sequence, a method of making a DNA construct and the use thereof	Otte, Arie	19-May-05	Netherlands
20050095583	Methods and compositions for detection of segmented negative strand RNA viruses	Pekosz, Andrew S.	5-May-05	United States
20050100950	RNA molecules and vectors for gene silencing	Plant Bioscience Limited	12-May-05	United Kingdom
20050112627	Methods for optimizing clinical responsiveness to methotrexate therapy using metabolite profiling and pharmacogenetics	Prometheus Laboratories Inc.	26-May-05	United States
20050095609	Compositions and methods for TIGR genotyping assays	Quest Diagnostics Investments Incorporated	5-May-05	United States
20050101017	Method of improving gene targeting using a ubiquitin promoter	REGENERON PHARMACEUTICALS, INC	12-May-05	United States
20050100907	Method and medicament for inhibiting the expression of a given gene	Ribopharma, AG	12-May-05	Germany
20050095687	Process for the preparation of L-amino acids using strains of the family enterobacteriaceae	Rieping, Mechthild	5-May-05	Germany
20050101020	Methods and products for delivering biological molecules to cells using multicomponent nanostructures	Salem, Aliasger Karimjee	12-May-05	United States
20050112630	Diagnosis, prognosis and identification of potential therapeutic targets of multiple myeloma based on gene expression profiling	Shaughnessy, John D	26-May-05	United States
20050106663	Compositions and methods for protein isolation	Stratagene	19-May-05	United States
20050106730	Compositions and methods utilizing stable reporter cell lines for detection of pathway-specific signal transduction	Stratagene California	19-May-05	United States
20050095689	Nicotianamine aminotransferase and gene therefor	Sumitomo Chemical Company Limited	5-May-05	Japan
20050112626	Making and using microclonal uncloned cDNA libraries	Suslov, Oleg N	26-May-05	United States
20050095593	T cell regulatory genes associated with immune disease	The Board of Trustees of the Leland Stanford Junior University	5-May-05	United States

20050106616	DLC-1 gene deleted in cancers	The Government of the USA as represented by the Secretary of the Dept. of Health & Human Services	19-May-05	United States
20050112629	Detection reagent for thermostable direct hemolysin gene of Vibrio parahaemolyticus	TOSOH CORPORATION	26-May-05	Japan
20050112628	Detection reagent for thermostable direct hemolysin-related hemolysin gene of Vibrio parahaemolyticus	TOSOH CORPORATION	26-May-05	Japan
20050100923	Compositions, methods, and kits useful for the diagnosis and treatment of spinal muscular atrophy	Trustees of the University of Pennsylvania	12-May-05	United States
20050095704	Embryonic or stem-like cell lines produced by cross species nuclear transplantation	University of Massachusetts	5-May-05	United States
20050112667	Microscope system and methods for intracellular studies	Van, Sang	26-May-05	United States
20050112660	Novel G protein-coupled receptors	Vogeli, Gabriel	26-May-05	United States
20050100895	Compositions and methods for identifying and targeting stomach and esophageal cancer cells	Waldman, Scott A	12-May-05	United States
20050100953	Association of thrombospondin polymorphisms with vascular disease	Whitehead Institute for Biomedical Research	12-May-05	United States
20050095600	Methods of generating gene-specific probes for nucleic acid array detection	Yu, Xiang	5-May-05	United States

CLEANING COMPOSITIONS FOR SOLID SURFACES				
Appl Number	Title	Assignee	Date Issued	Country
20050101504	Proteases from gram positive organisms	Genencor International, Inc.	12-May-05	United States

DATA PROCESSING				
Appl Number	Title	Assignee	Date Issued	Country
20050096850	Method of processing gene expression data and processing program	Center for Advanced Science and Technology Incubation, Ltd.	5-May-05	Japan

20050102106	Diagnostic method for assessing a condition of a performance animal	Genomics Research Partners Pty Ltd.	12-May-05	Australia
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DRUG				
Appl Number	Title	Assignee	Date Issued	Country
20050096269	Protein Cluster II	Attersand, Anneli	5-May-05	Sweden
20050107313	Tumour suppressor gene	Bionomics Limited	19-May-05	Australia
20050095231	Modified adenovirus containing a fiber replacement protein	Curiel, David T.	5-May-05	United States
20050106176	Regulated antigen delivery system (RADS)	Curtis, Roy III	19-May-05	United States
20050113408	Susceptibility gene for myocardial infarction, stroke, and PAOD; methods of treatment	deCODE genetics ehf.	26-May-05	Island
20050107348	Histone deacetylase inhibitors	Errant Gene Therapeutics, LLC	19-May-05	United States
20050113323	Reversal of cancer phenotype by inhibiting expression of prostate tumor inducing gene	Fisher, Paul B.;	26-May-05	United States
20050106184	Neisseria mutants, lipooligosaccharides and immunogenic compositions	Franks, Nicholas Peter	19-May-05	United Kingdom
20050106184	Recombinant expression of heterologous nucleic acids in protozoa	Gaertig, Jacek	19-May-05	United States
20050107318	Methods of treating diabetes and other blood sugar disorders	GENZYME CORPORATION	19-May-05	United States
20050095226	Down-regulation of DNA repair to enhance sensitivity to p53-mediated suppression	Gjerset, Ruth A.	5-May-05	United States
20050096258	Methods and compositions for treating gastrointestinal tract mucin production associated disease conditions	Grupe, Andrew	5-May-05	United States
20050100617	Method for improving age-related physiological deficits and increasing longevity	Malnoe, Armand	12-May-05	United States
20050112096	Methods for producing and using in vivo pseudotyped retroviruses using envelope glycoproteins from lymphocytic choriomeningitis virus (LCMV)	McCray, Paul B. JR	26-May-05	United States
20050113303	Use of PEX in the treatment of metabolic bone diseases	McGill University	26-May-05	Canada

20050112128	Inhibition of protein kinase c-mu (PKD) as a treatment for cardiac hypertrophy and heart failure	Myogen, Inc.	26-May-05	United States
20050096273	Regulation of matrix metalloproteinases by PSP94 family members	Panchal, Chandra J	5-May-05	Canada
20050112185	Positively charged lipid and liposome with the lipid	Park, Yong-Serk	26-May-05	Korea
20050106124	Therapeutic applications of thrombomodulin gene via viral and non-viral vectors	Sehgal, Lakshman R.	19-May-05	United States
20050096272	Therapeutic method for solid tumors using M161Ag	Seya, Tsukasa	5-May-05	Japan
20050096284	RNA interference mediated treatment of polyglutamine (polyQ) repeat expansion diseases using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	5-May-05	United States
20050100557	Production of attenuated chimeric respiratory syncytial virus vaccines from cloned nucleotide sequences	The Government of the USA, as represented by the Department of Health & Human Services	12-May-05	United States
20050101559	Gene delivery compositions and methods	The Johns Hopkins University	12-May-05	United States
20050107326	Tissue-specific and pathogen-specific toxic agents and ribozymes	The Penn State Research Foundation	19-May-05	United States
20050112103	Methods and compositions for the treatment of defects in lipoprotein metabolism	The Trustees of the University of Pennsylvania	26-May-05	United States
20050101530	Cellular virus receptors and methods of use	Topigen Pharmaceutique, Inc.	12-May-05	United States
20050106175	Reduction in the virulence of mycobacterium tuberculosis and protection against tuberculosis by means of phop gene inactivation	Universidad De Zaragoza	19-May-05	Spain
20050095199	Delivery of dsrna to arthropods	Whyard, Steven	5-May-05	Australia
20050106135	Compositions, kits and treating methods for alteration cell-cell adhesion, transport, or permeation properties of tissues	Wu, Hua-Lin	19-May-05	Taiwan
20050095230	Interleukin-2 gene transferred lymphokine activated killer cells	Yoo, Nae Choon	5-May-05	Korea

MULTICELLULAR LIVING ORGANISMS AND UNMODIFIED PARTS				
Appl Number	Title	Assignee	Date Issued	Country

20050114925	Potatoes having an increased yield of starch per plant body and method for producing the same	AJINOMOTO	26-May-05	Japan
20050114911	Method for expressing multiple recombinant proteins in milk of transgenic non-human mammals	ANIMAL TECHNOLOGY INSTITUTE TAIWAN	26-May-05	Taiwan
20050097635	Bacillus thuringiensis strains and their insecticidal proteins	BAYER BIOSCIENCE N.V.	5-May-05	Belgium
20050097632	Phenotype modifying genetic sequences	Carroll, Bernard John	5-May-05	Australia
20050102711	Banana actin gene and its promoter	Dale, James Langham	12-May-05	Australia
20050114924	Down-regulation and silencing of allergen genes in transgenic peanut plants	Dodo, Hortense W	26-May-05	United States
20050102713	Use of untranslated region of osmotin gene to enhance transgene expression in plants	DOW AGROSCIENCES LLC	12-May-05	United States
20050102715	Disease resistance factors	E I DU PONT DE NEMOURS AND COMPANY	12-May-05	United States
20050102712	DNA sequences encoding the subunit CHLD of plant magnesium chelatases, and determining the activity of plant magnesium chelatases	Grimm, Bernhard	12-May-05	Germany
20050108783	Porcine invariant chain protein, full length cDNA, genomic organization, and regulatory region	Koike, Chihiro;	19-May-05	United States
20050114913	Methods and compositions for generating homozygous mutations	Li, Limin	26-May-05	United States
20050114910	Transgenic mice having a human major histocompatibility complex (MHC) phenotype, experimental uses and applications	Lone, Yu-Chun	26-May-05	France
20050114914	Mutated gene coding for a lat protein and the biological applications thereof	Malissen, Marie	26-May-05	France
20050108786	Promoter molecules for use in plants	MONSANTO COMPANY	19-May-05	United States
20050108791	Transgenic plants with improved phenotypes	MONSANTO COMPANY	19-May-05	United States
20050097633	Maize promoter named CRWAQ81	Pioneer Hi-Bred International, Inc.	5-May-05	United States
20050102710	Cells and animals produced by gene silencing	Plant Bioscience Limited	12-May-05	United Kingdom

20050102709	RNA molecules and vectors for gene silencing	Plant Bioscience Limited	12-May-05	United Kingdom
20050108788	Genes participating in the synthesis of fatty acid having trans-11-,cis-13-conjugated double bond and utilization thereof	Plantech Research Institute	19-May-05	Japan
20050108793	Arabidopsis argos, a novel gene involved in organ development	Temasek Life Sciences Laboratory	19-May-05	Sngapore
20050101773	Genes required for viability and/or reproduction in c. elegans and their use in the development of anti-nematode agents	Echeverri, Christophe	12-May-05	Germany

PLANT PROTECTING AND REGULATING COMPOSITIONS				
Appl Number	Title	Assignee	Date Issued	Country
20050101485	Methods for the identification of inhibitors of biotin synthase expression or activity in plants	Icoria, Inc.	12-May-05	United States