

JANUARY, 2005 Patent Applications Posted

<http://appft1.uspto.gov/netahtml/PTO/srchnum.html>

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Appl Number	Title	Assignee	Date Issued	Country
38370	Production or aromatic carotenoids in gram negative bacteria	E I DU PONT DE NEMOURS AND COMPANY	27-Jan-05	
38370	Aspergillus ochraceus 11 alpha hydroxylase and oxidoreductase	Adorjan, Peter	6-Jan-05	Germany
38370	Protein expressed in prostate cancer	Afar, Daniel E.	27-Jan-05	
38370	Determining signal transduction pathways	Affymetrix, Inc.	27-Jan-05	
38370	C-type lectin transmembrane antigen expressed in human prostate cancer and uses thereof	AGENSYS, INC.	27-Jan-05	
38370	Raffinose synthase gene, method for producing raffinose, and transgenic plant	AJINOMOTO CO. INC	13-Jan-05	Japan
38370	Vectors, cells and processes for pyrimidine deoxyribonucleosides production	Anderson, David Martin	13-Jan-05	
38370	Novel methods for HIV sequencing and genotyping	Applera Corporation	6-Jan-05	
38370	3' biased microarrays	Arcturus Bioscience, Inc.	20-Jan-05	
38370	Identification of eukaryotic internal ribosome entry site (ires) elements	Atabekov, Joseph	20-Jan-05	Russina Federati
38370	Analysis and use of PAR1 polymorphisms for evaluating the risk of cardiovascular disorders	Aventis Pharma Deutschland GmbH	27-Jan-05	Germany
38370	Method for detecting Alzheimer's disease	Aventis Pharma S.A.	6-Jan-05	France
38370	Ovomucoid promoters and methods of use	AVIGENICS, INC.	6-Jan-05	
38370	Composition and method for production of transformed cells	Badylak, Stephen F.	6-Jan-05	
38370	Gene expression profiling of EGFR positive cancer	Baker, Joffre B	27-Jan-05	
38370	Detection of polymorphisms in the human 5-lipoxygenase gene	Barnes, Glenn	13-Jan-05	

38370	Genetic transformation using a PARP inhibitor	Bayer BioScience NV	20-Jan-05	Belgium
38370	Multi-lineage directed induction of bone marrow stromal cell differentiation	Black, Ira B.	13-Jan-05	
38370	Isolated DNA or gene responsible for Parkinson's disease	Boehringer Ingelheim International GmbH	6-Jan-05	Germany
38370	Polyhydroxyalkanoate synthase and gene encoding the same	CANON KABUSHIKI KAISHA	13-Jan-05	Japan
38370	Method for assessing behavioral predisposition	Caspi, Avshalom	13-Jan-05	United Kingdom
38370	Treatment and diagnostics of cancer	Chen, Hua-Chien	6-Jan-05	Taiwan
38370	Method for detecting a propensity of an individual to response effectively to treatment of interferon-alpha and ribavirin combined therapy	Chen, Jui-Lin	20-Jan-05	Taiwan
38370	Method for the detection of rheumatoid arthritis related gene transcripts in blood	ChondroGene Limited	6-Jan-05	Canada
38370	Compositions for isolating a cDNA encoding a membrane-bound protein	Chugai Seiyaku Kubushiki Kaisha, a Japanese corporation	27-Jan-05	Japan
38370	AAV2 Rep protein fusions	City of Hope	6-Jan-05	
38370	Molecular vector for the genophenotypic characterisation of v3 sequences of hiv-1 gp120 and process for preparation thereof	Clementi, Massimo	27-Jan-05	Italy
38370	Method for oxygen regulated production of recombinant staphylokinase	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	27-Jan-05	India
38370	Lymphoma associated molecules and uses therefor	Dana-Farber Cancer Institute	20-Jan-05	
38370	Pseudotyped lentiviral vectors and uses thereof	Dana-Farber Cancer Institute, Inc.	6-Jan-05	
38370	Zymogen activation system	Darrow, Andrew	20-Jan-05	
38370	Nucleotide sequences which code for the lysR3 gene	DEGUSSA AG	6-Jan-05	Germany
38370	Nucleotide sequences encoding the ptsH gene	Degussa AG	13-Jan-05	Germany
38370	Genes encoding carotenoid compounds	E I DU PONT DE NEMOURS AND COMPANY	20-Jan-05	
38370	Plants with enhanced ability to produce starch and methods for obtaining them	Ferl, Robert J.	20-Jan-05	

38370	Microfluidic device and methods of using same	Fluidigm Corporation	27-Jan-05	
38370	Metabolically engineered micro-organisms having improved galactose uptake	FLUXOME SCIENCES A/S	13-Jan-05	Denmark
38370	Expression system	Frye, Christopher Carl	13-Jan-05	
38370	Proteases from gram positive organisms	Genencor International, Inc.	27-Jan-05	
38370	Proteases from gram positive organisms	Genencor International, Inc.	27-Jan-05	
38370	Proteases from gram positive organisms	Genencor International, Inc.	20-Jan-05	
38370	Proteases from gram positive organisms	Genencor International, Inc.	20-Jan-05	
38370	Proteases from gram-positive organisms	Genencor International, Inc.	13-Jan-05	
38370	Novel proteins and methods for producing the proteins	Goto, Masaaki	20-Jan-05	Japan
38370	Psychoactive compound associated markers and method of use thereof	Gunther, Erik	6-Jan-05	
38370	Diagnostic methods for cardiovascular disease, low hdl-cholesterol levels, and high triglyceride levels	Hayden, Michael R	6-Jan-05	
38370	Method for isolating cell-type specific mRNAs	Heintz, Nathaniel	13-Jan-05	
38370	DECREASING GENE EXPRESSION IN A MAMMALIAN SUBJECT IN VIVO VIA AAV-MEDIATED RNAi EXPRESSION CASSETTE TRANSFER	Hildinger, Markus	27-Jan-05	
38370	Beads, preparing method for the same, flow cytometer and program	Hitachi Software Engineering Co., Ltd.	13-Jan-05	Japan
38370	Method of screening for agents inhibiting chloride intracellular channels	Hobert, Oliver	6-Jan-05	
38370	IGF-1 receptor interacting proteins	HOFFMANN-LA ROCHE INC.	27-Jan-05	
38370	Methods for the identification of inhibitors of ornithine carbamoyltransferase as antibiotics	Icoria, Inc.	27-Jan-05	
38370	Compositions and systems for the regulation of genes	Institut Clayton de la Recherche	20-Jan-05	Switzerland

38370	Genomic DNA fragments containing regulatory and coding sequence for the beta2-subunit of the neuronal nicotinic acetylcholine receptor and transgenic animals made using these fragments or mutated fragments	Institut Pasteur	6-Jan-05	France
38370	Neutral amino acid transporter and gene thereof	Japan Science and Technology Corporation	27-Jan-05	Japan
38370	Neutral amino acid transporter and gene thereof	Japan Science and Technology Corporation	27-Jan-05	
38370	Neutral amino acid transporter and gene thereof	Japan Science and Technology Corporation	27-Jan-05	Japan
38370	Novel C-type lectin and gene thereof	Japan Science and Technology Corporation	27-Jan-05	Japan
38370	Method for relative quantification of attached nucleic acids	Ji, Wan	13-Jan-05	
38370	Human PRSS11-Like S2 serine protease and uses thereof	JOHNSON & JOHNSON	27-Jan-05	
38370	Methods for assessing and treating cancer	JOHNSON & JOHNSON	6-Jan-05	
38370	Fusion protein delivery system and uses thereof	Kappes, John C.;	20-Jan-05	
38370	Primers for amplifying hsp 65 gene of mycobacterial species, hsp 65 gene fragments and method of identifying mycobacterial species with the same	Kim, Bum-Joon	20-Jan-05	Korea
38370	Multiplex PCR primer set for amplifying human MODY genes 1,4,5,6 and 7	Kim, Mi-kyung	6-Jan-05	Korea
38370	Anther-specific genes, their promoters, and uses of the same	Komatsu, Setsuko	13-Jan-05	Japan
38370	Methods and compositions for amplification of RNA sequences	Kurn, Nurith	20-Jan-05	
38370	Methods and compositions for amplification of RNA sequences	Kurn, Nurith	6-Jan-05	
38370	Cytoplasmic inhibition of gene expression and expression of a foreign protein in a monocot plant by a plant viral vector	Large Scale Biology Corporation	13-Jan-05	

38370	Glycosylated human interferon alpha isoform	Lee, Eun Jung	27-Jan-05	Korea
38370	Method for extracellular production of target proteins employing OmpF in E.coli	Lee, Sang-Yup	27-Jan-05	Korea
38370	Conformational and topological protein regulation	Lexicon Genetics Incorporated	6-Jan-05	
38370	Novel human polynucleotides and the polypeptides encoded thereby	Lexicon Genetics Incorporated	6-Jan-05	
38370	Novel human polynucleotides and the polypeptides encoded thereby	Lexicon Genetics Incorporated	6-Jan-05	
38370	Expression profile of pancreatic cancer	Logsdon, Craig	13-Jan-05	
38370	Method for producing and identifying soluble protein domains	McAlister, Mark	27-Jan-05	United Kingdom
38370	Selective gene amplification	Medical Research Council	6-Jan-05	United Kingdom
38370	52906, 33408, and 12189, novel potassium channel family members and uses thereof	Millennium Pharmaceuticals, Inc.	13-Jan-05	
38370	Novel human membrane-associated protein and cell surface protein family members	Millennium Pharmaceuticals, Inc.	27-Jan-05	
38370	ES cells having enhanced RNAi effect	Mitsubishi Chemical Corporation	6-Jan-05	Japan
38370	Conformational and topological protein regulation	Mizutani, Masako	6-Jan-05	Japan
38370	Method for the detection of a polymorphism in cpb2	Morten, John Edward Norris	13-Jan-05	United Kingdom
38370	Screening methods for identifying viral proteins with interferon antagonizing functions and potential antiviral agents	Mount Sinai School of Medicine of New York University	6-Jan-05	
38370	Materials and methods for delivery and expression of heterologous DNA in vertebrate cells	Moyer, Richard W.;	20-Jan-05	
38370	Screening methods and sequences relating thereto	MYRIAD GENETICS INC.	6-Jan-05	United Kingdom
38370	Method and system for rapidly conferring a desired trait to an organism	Neo-Morgan Laboratory Incorporated	6-Jan-05	Japan
38370	Proteins capable of binding to environmental hormones and process for producing the same	Ohkawa, Hideo	27-Jan-05	Japan

38370	Nove glycosyltransferase genes	Pharmacia Corporation	6-Jan-05	
38370	Cancer monitoring and therapeutics	Pilarski, Linda	6-Jan-05	Canada
38370	Human sterol response element binding protein 1 (SREBP1) single nucleotide polymorphisms	Ranade, Koustubh	20-Jan-05	
38370	Conformational and topological protein regulation	Regents of the University of California	6-Jan-05	
38370	Neutral amino acid transporter and gene thereof	Regents of the University of California	6-Jan-05	
38370	Method and nucleic acids for the analysis of colorectal cell proliferative disorders	Regents of the University of California	6-Jan-05	
38370	RNA interference mediated inhibition of muscarinic cholinergic receptor gene expression using short interfering nucleic acid (siNA)	Richards, Ivan	20-Jan-05	
38370	Diagnostic test kit for determining a predisposition for breast and ovarian cancer, materials and methods for such determination	Rijksuniversiteit te Leiden	27-Jan-05	Netherlands
38370	Methods and compositions for expressing heterologous genes in hepatocytes using hepadnaviral vectors	Schaller, Heinz	13-Jan-05	Germany
38370	Hybridization normalization methods	Scherf, Uwe	20-Jan-05	
38370	Method for analyzing t lymphocytes with the aid of t lymphocyte receptors of an organism	Souillou, Jean-Paul	27-Jan-05	France
38370	Compositions and methods for tissue specific targeting of lentivirus vectors	Spencer, Brian	6-Jan-05	
38370	Human cyclin I and genes encoding same	SUMITOMO ELECTRIC INDUSTRIES, LTD.	20-Jan-05	Japan
38370	Compositions and methods relating to ovary specific genes and proteins	Sun, Yongming	20-Jan-05	
38370	Hyperthermostable protease gene	Takara Shuzo Co., Ltd.	20-Jan-05	Japan
38370	Stem cells and method of separating the same	Taniguchi, Hideki	6-Jan-05	Japan
38370	Mammalian selenoprotein differentially expressed in tumor cells	The Gov. of the U.S.A. as represented by the Secretary of the Dept. Health and Human Services	27-Jan-05	

38370	Methods for the replacement, translocation and stacking of DNA in eukaryotic genomes	The United States of America, as represented by the Secretary of Agriculture	13-Jan-05	
38370	Nitrilase homologs	Thomas Jefferson University	27-Jan-05	
38370	Methods and compositions for diagnosing and treating disorders involving angiogenesis	Tong, Xiao	13-Jan-05	
38370	Genes coding for tomato beta-galactosidase polypeptides	USDA-ARS-OTT	20-Jan-05	
38370	Methods and compositions for rapid development of screening assays	VERTEX PHARMACEUTICALS INCORPORATED	6-Jan-05	
38370	Effect of BDNF genotype on hippocampal function and verbal memory and risk for schizophrenia	Weinberger, Daniel R.	20-Jan-05	
38370	Cloning genes from streptomyces cyaneogriseus subsp. noncyanogenus for biosynthesis of antibiotics and methods of use	WYETH	6-Jan-05	
38370	High-density cell microarrays for parallel functional determinations	Xu, Wilson C	20-Jan-05	
38370	Helicobacter pylori antigens in blood	Yi, Ching Sui A	13-Jan-05	Taiwan
38370	Polymorphic DNAs and their use for diagnosis of susceptibility to panic disorder	Yoshikawa, Takeo	27-Jan-05	Japan
38370	MN gene and protein	Zavada, Jan	6-Jan-05	Czech Republic

CLEANING COMPOSITIONS FOR SOLID SURFACES				
Appl Number	Title	Assignee	Date Issued	Country
38370	Useful mutations of bacterial alkaline protease	Novozymes A/S	6-Jan-05	Denmark

COMPUTER GRAPHICS PROCESSING				
Appl Number	Title	Assignee	Date Issued	Country
38370	Methods of representing gene product sequences and expression	Bingham, Jonathan	27-Jan-05	
38370	Three-dimensional animation system and method using evolutionary computation	Nam, Seung Woo	13-Jan-05	Korea

DATA PROCESSING				
Appl Number	Title	Assignee	Date Issued	Country
38370	Method and system for chromosome correction in genetic optimazation process	HEWLETT PACKARD COMPANY	27-Jan-05	
38370	Information management system for biochemical information	MEDICEL OY	13-Jan-05	Finland
38370	System, method, and program for estimating gene expression state, and recording medium therefor	NEC CORPORATION	20-Jan-05	Japan

DRUG				
Appl Number	Title	Assignee	Date Issued	Country
38370	Oligomeric compounds for the modulation survivin expression	Hansen, Bo	20-Jan-05	Denmark
38370	Compositions and methods relating to prostate specific genes and proteins	Sun, Yongming	20-Jan-05	
38370	Plasmid mediated GHRH supplementation for renal failures	ADVISYS, Inc.	6-Jan-05	
38370	Protein inhibiting aggregation of beta amyloid peptide	Ahn Jo, Sangmee	13-Jan-05	Korea
38370	Use of leptin for treating human lipotrophy and method of determining predisposition to said treatment	AMGEN INC.	27-Jan-05	
38370	Chlamydia antigens and corresponding DNA fragments and uses thereof	Aventis Pasteur Limited	6-Jan-05	Canada
38370	Modified antisense nucleotides complementary to a section of the human haras gene	Aventis Pharma Deutschland GmbH	27-Jan-05	Germany
38370	Diagnosing and treating cancer cells using mutant viruses	Benjamin, Thomas L.	20-Jan-05	
38370	Sequences upstream of the carp gene, vectors containing them and uses thereof	Benoit, Patrick	6-Jan-05	France
38370	Diagnostic methods and agents	Bernard, Ora	13-Jan-05	Australia
38370	Systemic carnitine deficiency gene and uses thereof	Chugai Seiyaku Kabushiki Kaisha	27-Jan-05	Japan
38370	Human SMAPK3-related gene variants associated with cancers	Dai, Ken-Shwo	20-Jan-05	Taiwan
38370	Medical device	FIT Biotech Oy Plc	6-Jan-05	Sweden

38370	Fibroblast growth factor receptors and methods for their use	GENESIS RESEARCH AND DEVELOPMENT CORPORATION LIMITED	13-Jan-05	
38370	Polyvalent vaccine against diseases caused by papilloma viruses, method for the production and the use thereof	Gissman, Lutz	6-Jan-05	Germany
38370	Gene therapy using replication competent targeted adenoviral vectors	Gregory, Richard J	6-Jan-05	
38370	Nitroreductase enzymes	Grove, Jane Isabel	20-Jan-05	United Kingdom
38370	Composition for gene therapy, comprising IL-12 gene	Hisamitsu Pharmaceutical Co., Inc.	13-Jan-05	Japan
38370	Hybrid fusion protein transcription regulator to induce interferon target gene expression	Horvath, Curt M	27-Jan-05	
38370	Tumor antigen	Itoh, Kyogo	27-Jan-05	Japan
38370	GENE DELIVERY SYSTEM AND METHODS OF USE	Kasahara, Noriyuki	6-Jan-05	
38370	Novel molecules of the herpesvirus-entry-mediator-related protein family and uses thereof	Millennium Pharmaceuticals, Inc.	20-Jan-05	
38370	Method of inhibiting gene expression	MITSUBISHI CHEMICAL CORPORATION	6-Jan-05	Japan
38370	Peptidic compounds selectively binding to p-selectin	Molenaar, Thomas Jacobus Maria	6-Jan-05	Netherlands
38370	Hematopoietic stem cell gene therapy	Monash University	6-Jan-05	Australia
38370	Hematopoietic stem cell gene therapy	Monash University	27-Jan-05	Australia
38370	DNA vaccine containing tumor-associated gene and cytokine gene and method of preparation the same	National Cheng Kung University	27-Jan-05	Taiwan
38370	Use of excipients to increase DNA uptake by swine muscle cells	Nelson, Lynn D.	13-Jan-05	
38370	Therapeutic and diagnostic methods dependent on CYP2A enzymes	Nicogen, Inc.	27-Jan-05	Canada
38370	Composition, formulations & methods for prevention and treatment of diseases and conditions associated with bronchoconstriction, allergy(ies) and inflammation	Nyce, Jonathan W.;	20-Jan-05	

38370	Novel autoinducer molecules and uses therefor	Pesci, Everett C.	13-Jan-05	
38370	Spinster-like protein genes, expression products, non-human animal model: uses in human metabolic disorders	Peters, Thomas	27-Jan-05	Germany
38370	Hypoxia regulated genes	Quark Biotech, Inc.	6-Jan-05	
38370	Mesenchymal stem cells as a vehicle for ion channel transfer in syncytial structures	Rosen, Michael R.;	6-Jan-05	
38370	Thyroid receptor ligands	Ryono, Denis E.	6-Jan-05	
38370	RNA interference mediated inhibition of gene expression using chemically modified short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	27-Jan-05	
38370	Delivery construct for antisense nucleic acids and methods of use	The Johns Hopkins University	27-Jan-05	
38370	Gene delivery to organs	The Johns Hopkins University	20-Jan-05	
38370	Methods and compositions for the treatment of glaucoma and other retinal diseases	The Regents of the University of California	13-Jan-05	
38370	Gene amplification and overexpression in cancer	Tularik Inc.	6-Jan-05	
38370	Purification of heat shock/stress protein cell surface receptors and their use as immunotherapeutic agents	University of Connecticut Health Center	27-Jan-05	

GLASS MANUFACTURING

Appl Number	Title	Assignee	Date Issued	Country
38370	Method for the production of borosilicate glass with a surface suitable for modification glass obtained according to said method and the use thereof	Lauten-Schlaeger, Gerhard	6-Jan-05	Germany

MULTICELLULAR LIVING ORGANISMS

Appl Number	Title	Assignee	Date Issued	Country
38370	Herbicide tolerant cotton plants and methods for producing and identifying same peptide	Bayer BioScience N.V.	6-Jan-05	Belgium
38370	Gene promoters isolated from potato and use thereof	Dai, Ziyu	6-Jan-05	

38370	Chimeric genes and methods for increasing the lysine content of the seeds of plants	E I DU PONT DE NEMOURS AND COMPANY	6-Jan-05	
38370	Expression vectors and methods	GENENTECH, INC.	6-Jan-05	
38370	Screening methods employing fish model assessment of vision	Goldsmith, Paul	20-Jan-05	United Kingdom
38370	Plants having enhanced nitrogen assimilation/metabolism	Good, Allen G.;	20-Jan-05	Canada
38370	Recombinant Stokesia epoxygenase gene	Hildebrand, David	27-Jan-05	
38370	DNA and vector for repressing expression of gene of lachrymatory factor-producing enzyme, method for repressing expression of gene of lachrymatory factor-producing enzyme with them and vegetables having repressed expression of gene of lachrymatory factor-producing enzyme	HOUSE FOODS CORPORATION	27-Jan-05	Japan
38370	Expression of zebrafish bone morphogenetic protein 4	Hwang, Sheng-Ping L	6-Jan-05	Taiwan
38370	Method of efficiently constructing transgenic birds and transgenic birds thus obtained	Iijama, Shinji	27-Jan-05	Japan
38370	ALK protein tyrosine kinase, cells and methods embodying and using same	Inghirami, Giorgio	6-Jan-05	
38370	Transgenic animal model for cancer and stem cells	Pruitt, Steven C	27-Jan-05	
38370	Mass 1 gene, a target for anticonvulsant drug development	Ptacek, Louis J.	20-Jan-05	
38370	Use of class enzymes and their encoding genes to increase the oil content in transgenic organisms	SCANDINAVIAN BIOTECHNOLOGY RESEARCH (SCANBI) AB	6-Jan-05	Sweden
38370	Promoters for regulation of gene expression in plant roots	Syngenta Biotechnology	13-Jan-05	
38370	Control of post-transcriptional gene silencing in plants	University of South Carolina	27-Jan-05	

ORGANIC COMPOUNDS				
Appl Number	Title	Assignee	Date Issued	Country

38370	Bacterial gene and method of treating a gram negative bacterial infection	University of Guelph	13-Jan-05	Canada
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PROSTHESIS				
Appl Number	Title	Assignee	Date Issued	Country
38370	Tissue integration design for seamless implant fixation	BAYLOR COLLEGE OF MEDICINE Office of Technology Administration	20-Jan-05	

SURGERY				
Appl Number	Title	Assignee	Date Issued	Country
38370	Portable electrotherapy device for treating osteoarthritis and other diseases, defects and injuries of the knee joint	Brighton, Carl T	13-Jan-05	

