

FEBRUARY, 2005 Gene-Related Patents Issued

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Patent Number	Title	Assignee	Date Issued	Country
6,858,416	Human desaturase gene and uses thereof	Abbott Laboratories	22-Feb-05	
6,858,428	Human and animal cell culture medium containing antithrombin III for suppressing cell death	Agency of Industrial Science and Technology	22-Feb-05	Japan
6,852,516	Method for producing L-glutamic acid by fermentation	Ajinomoto Co., Inc.	8-Feb-05	Japan
6,855,537	Macrophage-infecting parasites expressing a granulocyte macrophage colony stimulated factor	Aventis Pasteur Limited	15-Feb-05	Canada
6,849,447	Protective recombinant Haemophilus influenzae high molecular weight proteins	Aventis Pasteur Limited	1-Feb-05	
6,855,533	Structure-based designed herbicide resistant products	BASF Corporation	15-Feb-05	
6,855,497	DNA test for SCA-10	Baylor College of Medicine	15-Feb-05	
6,849,448	Pigs and pig cells having an inactivated .alpha. 1,3-galactosyl transferase gene	BresaGen Limited	1-Feb-05	Australia
6,858,417	DNA FRAGMENT CARRYING TOLUENE MONOOXYGENASE, GENE, RECOMBINANT PLASMID, TRANSFORMED MICROORGANISM, METHOD FOR DEGRADING CHLORINATED ALIPHATIC HYDROCARBON COMPOUNDS AND AROMATIC COMPOUNDS, AND METHOD FOR ENVIRONMENTAL REMEDIATION	Canon Kabushiki Kaisha	22-Feb-05	Japan
6,852,528	Human and mouse uroplakin II gene transcriptional regulatory elements	Cell Genesys, Inc.	8-Feb-05	
6,858,408	Recombinant plasmid pDSBCm, microorganisms transformed therewith, and method for producing an alkaline protease VapK	Cheil Jedang Corporation	22-Feb-05	Korea
6,852,533	Purified populations of stem cells	Cornell Research Foundation, Inc.	8-Feb-05	

6,852,530	Self-extinguishing recombinases, nucleic acids encoding them and methods of using the same	Dana Farber Cancer Institute, Inc.	8-Feb-05	
6,855,517	Compositions and methods relating to breast specific genes and proteins	diaDexus, Inc.	15-Feb-05	
6,858,406	Process for the microbial production of amino acids by boosted activity of export carriers	Forschungszentrum Julich GmbH	22-Feb-05	Germany
6,849,440	Proteases from gram-positive organisms	Genencor International, Inc.	1-Feb-05	
6,852,497	Methods of identifying compounds which inhibit binding of SLIC-1 to PSGL-1	Genetics Institute, LLC	8-Feb-05	
6,858,425	Human acid alpha glucosidase gene and bovine alpha-S1 casein gene sequences	Genzyme Corporation	22-Feb-05	
6,852,484	Methods for the identification of inhibitors of asparagine synthase as antibiotics	Icoria, Inc.	8-Feb-05	
6,852,483	Predicting survival of patients with squamous cell carcinoma	Kuo Kwang Biotech Corporation	8-Feb-05	Taiwan
6,855,545	Indexed library of cells containing genomic modifications and methods of making and utilizing the same	Lexicon Genetics Inc.	15-Feb-05	
6,849,420	Method for determining modulation of p110.delta. activity	Ludwig Institute for Cancer Research	1-Feb-05	
6,849,401	Methods for determining coat color genotypes in pigs	Melica HB	1-Feb-05	Sweden
6,855,534	Enhanced system for construction of adenovirus vectors	Merck & Co., Inc.	15-Feb-05	
6,849,437	47153, a human glycosyltransferase family member and uses therefor	Millennium Pharmaceuticals, Inc.	1-Feb-05	
6,858,418	Kinases and uses thereof	Millennium Pharmaceuticals, Inc.	22-Feb-05	
6,849,430	PCR-based monitoring in wastewater biotreatment systems	Monsanto Technology LLC	1-Feb-05	
6,855,523	Nucleic acid amplification method: ramification-extension amplification method (RAM)	Mount Sinai School of Medicine of New York University	15-Feb-05	

6,852,489	Simple and quick method for determining the nucleotide sequence of a mitochondrial 21S ribosomal RNA gene of yeast belonging to <i>Saccharomyces cerevisiae</i>	National Food Research Institute	8-Feb-05	Japan
6,855,531	Endoglucanases	Novozymes A/S	15-Feb-05	Denmark
6,855,543	Plasmid DNA containing reporter gene DNA and use of the same	Ono Pharmaceutical Co., Ltd.	15-Feb-05	Japan
6,852,537	Transgenic circulating endothelial cells	Regents of the University of Minnesota Emory University	8-Feb-05	
6,852,511	Heat-inducible promoter	Rhein Biotech, Gesellschaft fur Neue Biotechnologische Prozesse und	8-Feb-05	Germany
6,849,431	Non-B, non-C, non-G hepatitis virus gene, polynucleotide, polypeptide, virus particle, method for isolating virus particle, and method for detecting virus	Ryoji Tamura	1-Feb-05	Japan
6,855,529	DNA encoding a plant deoxyhypusine synthase, a plant eukaryotic initiation factor 5A, transgenic plants and a method for controlling senescence programmed and cell death in plants	Senesco, Inc.	15-Feb-05	
6,849,454	Highly efficient gene transfer into human repopulating stem cells by RD114 pseudotyped retroviral vector particles	St. Jude Children's Research Hospital	1-Feb-05	
6,852,498	Oomycete FtsZ-mt as a target for oomycete-specific antimicrobials	Syngenta Participations AG	8-Feb-05	Switzerland
6,849,441	Hyperthermostable protease gene	Takara Shuzo Co., LTD	1-Feb-05	Japan
6,852,514	Hyaluronate synthase gene and uses thereof	The Board of Regents of the University of Oklahoma	8-Feb-05	
6,849,405	Translation enhancer element of the human amyloid precursor protein gene	The Brigham and Women's Hospital, Inc.	1-Feb-05	
6,858,429	Universal light-switchable gene promoter system	The Regents of the University of California	22-Feb-05	
6,858,397	Antibodies specific for native PrPsc	The Regents of the University of California	22-Feb-05	

6,849,417	Mammalian selenoprotein differentially expressed in tumor cells	The United States of America as represented by the Department of Health and	1-Feb-05	
6,855,549	Methods and compositions for increasing the infectivity of gene transfer vectors	The University of Iowa Research Foundation	15-Feb-05	
6,855,513	Quorum sensing signaling in bacteria	University of Iowa Research Foundation	15-Feb-05	
6,855,536	Materials and methods for the enhancement of effective root nodulation in legumes	University of Tennessee Research Corp., Inc.	15-Feb-05	
6,849,438	Isolated and purified human soluble guanylyl cyclase .alpha.1/.beta.1 (hsqc.alpha.1/.beta.1)	Vasopharm Biotech GmbH	1-Feb-05	Germany
6,855,502	Hyaluronate synthase gene and uses thereof	Weigel; Paul H	15-Feb-05	

CHEMISTRY: NATURAL RESINS OR DERIVATIVES

Patent Number	Title	Assignee	Date Issued	Country
6,852,839	Fhm, a novel member of the TNF ligand supergene family	Amgen, Inc.	8-Feb-05	
6,849,717	Polycystic kidney disease gene homologs required for male mating behavior in nematodes and assays based thereon	California Institute of Technology	1-Feb-05	
6,852,836	Gene encoding brain-specific membrane protein	Chugai Sieyaku Kabushiki Kaisha	8-Feb-05	Japan
6,852,837	Molecules of the herpesvirus-entry-mediator-related protein family and uses thereof	Millennium Pharmaceuticals, Inc.	8-Feb-05	
6,852,838	Tyrosine kinase receptors and ligands	Regeneron Pharmaceuticals, Inc.	8-Feb-05	
6,855,808	Proteins and methods for producing the proteins	Sankyo Co., Ltd.	15-Feb-05	Japan

DRUG

Patent Number	Title	Assignee	Date Issued	Country
6,858,205	GP64-null baculoviruses pseudotyped with heterologous envelope proteins for gene therapy	Boyce Thompson Institute for Plant Research	22-Feb-05	

6,858,586	Pituitary tumor transforming gene (PTTG) carboxy-terminal peptides and methods of use thereof to inhibit neoplastic cellular proliferation and/or transformation	Cedars-Sinai Medical Center	22-Feb-05	
6,852,321	Lectin-derived progenitor cell preservation factor and methods of use	ImClone Systems Incorporated	8-Feb-05	
6,852,709	Biologically useful polyphosphates	Johns Hopkins University	8-Feb-05	
6,855,319	Gene encoding merozoite protein of Babesia caballi, recombinant protein obtained therefrom and utilization thereof	Mikami; Takeshi	15-Feb-05	Japan
6,852,704	Reverse gene therapy	The Children's Hospital of Philadelphia	8-Feb-05	
6,855,701	Gene delivery compositions and methods	The Johns Hopkins University	15-Feb-05	
6,855,686	Methods of treating various cancers using melanoma differentiation associated protein	The Trustees of Columbia University in the City of New York	15-Feb-05	
6,855,323	Identification of the domain of Plasmodium falciparum erythrocyte membrane protein 1 (PfEMP1) that mediates adhesion to chondroitin sulfate A	The United States of America as represented by the Department of Health and	15-Feb-05	

MULTICELLULAR LIVING ORGANISMS				
Patent Number	Title	Assignee	Date Issued	Country
6,855,867	Plant glutamine amidotransferase homologs	Allen; Stephen M.	15-Feb-05	
6,855,864	Methods for simultaneous control of lignin content and composition, and cellulose content in plants	Board of Control of Michigan Technological University	15-Feb-05	
6,858,772	Transgenic mice containing magnesium-dependent protein phosphatase gene disruptions	Deltagen, Inc.	22-Feb-05	
6,855,870	Plant cinnamyl-alcohol dehydrogenase homologs	E. I. du Pont de Nemours and Company	15-Feb-05	
6,849,783	Plant biotin synthase	E. I. Dupont de Nemours & Company	1-Feb-05	
6,855,865	Nucleic acids encoding plant defensins and methods of use thereof	E.I. du Pont de Nemours and Company	15-Feb-05	
6,855,869	Phytic acid biosynthetic enzymes	E.I. du Pont de Nemours and Company	15-Feb-05	

6,855,863	Lysophosphatidic acid acetyltransferases	E.I. duPont de Nemours and Company	15-Feb-05	
6,855,868	Geranylgeranyl pyrophosphate synthases	E.I. duPont de Nemours and Company	15-Feb-05	
6,852,910	Plant recombination proteins	Famodu; Omolayo O.	8-Feb-05	Germany
6,855,872	Tolerance of trichothecene mycotoxins in plants through the modification of the ribosomal protein L3 gene	Her Majesty the Queen in right of Canada, as represented by the Minister of	15-Feb-05	Canada
6,852,908	Method for enhancement of naturally occurring cytoplasmic male sterility and for restoration of male fertility and uses thereof in hybrid crop production	McGill University	8-Feb-05	Canada
6,849,780	Plants resistant to cucumber mosaic virus strain V34	Seminis Vegetable Seeds, Inc.	1-Feb-05	
6,849,782	Arabidopsis antisense deoxyhypusine synthase molecule and method of inhibiting deoxyhypusine synthase expression in plants	Senesco, Inc.	1-Feb-05	
6,852,907	Resistance in plants to infection by ssDNA virus using inoviridae virus ssDNA-binding protein, compositions and methods of use	The Scripps Research Institute	8-Feb-05	
6,858,774	MDR-like ABC transporter gene from plants	Wisconsin Alumni Research Foundation	22-Feb-05	
6,858,773	Transgenic mice comprising transcription control elements associated with mouse eosinophil peroxidase expression	Xenogen Corporation	22-Feb-05	

ORGANIC COMPOUNDS

Patent Number	Title	Assignee	Date Issued	Country
6,858,716	Drosophila recombination-associated protein and methods for use	Albert Einstein College of Medicine of Yeshiva University	22-Feb-05	
6,852,845	Method of identifying toxic agents using NSAID-induced differential gene expression in liver	Curagen Corporation	8-Feb-05	
6,849,724	Method for transforming plant, the resultant plant and gene thereof	Japan Science and Technology Corporation	1-Feb-05	Japan
6,852,846	Viral amplification of recombinant messenger RNA in transgenic plants	Large Scale Biology Corporation	8-Feb-05	
6,858,718	Hydrogen production	Melis Energy	22-Feb-05	

6,849,728	GLUT10: a glucose transporter in the type 2 diabetes linked region of chromosome 20Q12-13.1	Wake Forest University Health Sciences	1-Feb-05	
6,855,132	Apparatus with weeping tip and method of use	TriCardia, LLC	15-Feb-05	