

OCTOBER, 2004 70 Gene-Related Patents Issued in 6 Major Categories

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Patent Number	Title	Assignee	Date Issued	Country
6,806,064	Baculovirus enhancer-like sequence	Academia Sinica	19-Oct-04	Taiwan
6,806,049	Method for analyzing gene expression frequency	Ajinomoto Co., Inc.	19-Oct-04	Japan
6,806,046	Methods for HIV sequencing and genotyping	Applera Corporation	19-Oct-04	United States
6,800,461	Modified factor VIII cDNA	Aventis Behring GmbH	5-Oct-04	Germany
6,806,066	Expression vectors with modified ColE1 origin of replication for control of plasmid copy number	Boehringer Ingelheim International GmbH	19-Oct-04	Germany
6,800,457	Expression vectors containing hot spot for increased recombinant protein expression in transfected cells	Bristol-Myers Squibb Company	5-Oct-04	United States
6,808,905	Lentiviral vectors encoding clotting factors for gene therapy	Cell Genesys, Inc.	26-Oct-04	United States
6,800,474	Trehalose synthase protein, gene, plasmids, microorganisms, and a process for producing trehalose	Cheil Jedang Corporation	5-Oct-04	Korea
6,800,436	Diagnostic method, diagnostic reagent and therapeutic preparation for diseases caused by variation in LKB1 gene	Chugai Seiyaku Kabushiki Kaisha	5-Oct-04	Japan
6,800,468	UDP-galactose: .beta.-N-acetylglucosamine .beta.1,3galactosyltransferases, .beta.3Gal-T5	Clausen; Henrik	5-Oct-04	Denmark
6,803,224	Regulated expression of cloned genes using a cascade genetic circuit	Counsejo Supeslor de Investigaciones Cientificas	12-Oct-04	Spain
6,803,234	Gene delivery vectors with cell type specificity for primary human chondrocytes	Crucell Holland B.V.	12-Oct-04	Netherlands
6,808,923	Episomally replicating lentiviral vectors	Dana-Farber Cancer Institute, Inc.	26-Oct-04	United States
6,800,464	Arthrobacter D-carbamoylase and methods of preparing enantiomerically enriched D-amino acids	Degussa AG	5-Oct-04	Germany

6,808,914	Process for the preparation of L-amino acids by fermentation and nucleotide sequences coding for the accDA gene	Degussa AG	26-Oct-04	Germany
6,808,897	Method of nucleic acid sequencing	Duke University	26-Oct-04	United States
6,803,223	Plant branched-chain amino acid biosynthetic enzymes	E. I. du Pont de Nemours and Company	12-Oct-04	United States
6,803,197	Method for determining susceptibility to bone damage by screening polymorphisms in the vitamin D receptor gene	Erasmus Universiteit Rotterdam	12-Oct-04	Netherlands
6,808,881	Method for determining susceptibility to heart disease by screening polymorphisms in the vitamin D receptor gene	Erasmus Universiteit Rotterdam	26-Oct-04	Netherlands
6,803,225	Protein glycosylation modification in Pichia pastoris	Flanders Interuniversity Institute for Biotechnology	12-Oct-04	Belgium
6,808,926	Repressing gene expression in plants	Her Majesty the Queen in Right of Canada, as Represented by the Minister of	26-Oct-04	United States
6,803,194	Use of ribozymes for functionating genes	HK Pharmaceuticals, Inc.	12-Oct-04	United States
6,806,060	Methods for the identification of inhibitors of threonine synthase as antibiotics	Icoria, Inc.	19-Oct-04	United States
6,808,876	Cellular regulators of infectious agents and methods of use	Immusol, Inc.	26-Oct-04	United States
6,803,187	Method for detection of drug-selected mutations in the HIV protease gene	Innogenetics N.V.	12-Oct-04	Belgium
6,803,190	Melanocortin-4 receptor gene and use as a genetic marker for fat content, weight gain, and/or feed consumption of animals	Iowa State University Research Foundation, Inc.	12-Oct-04	United States
6,808,921	Vectors for gene mutagenesis and gene discovery	Lexicon Genetics Incorporated	26-Oct-04	United States
6,800,481	Stable macroscopic membranes formed by self-assembly of amphiphilic peptides and uses therefor	Massachusetts Institute of Technology	5-Oct-04	United States
6,808,882	Optical sorting method	Medical Research Council	26-Oct-04	United Kingdom
6,806,082	Isolated nucleic acid molecule encoding a regulator of fungal gene expression	Microbia, Inc.	19-Oct-04	United States
6,808,913	Useful mutations of bacterial alkaline protease	Novozymes A/S	26-Oct-04	Denmark

6,808,896	Method for stable chromosomal multi-copy integration of genes	Novozymes A/S	26-Oct-04	Denmark
6,800,459	Methods and compositions for the modulation of chorismate synthase and chorismate mutase expression or activity in plants	Paradigm Genetics, Inc.	5-Oct-04	United States
6,803,211	Methods and compositions for diagnosing and treating disorders involving angiogenesis	Pfizer Inc.	12-Oct-04	United States
6,808,888	Universal nucleic acid amplification system for nucleic acids in a sample	Primagen Holding B.V.	26-Oct-04	Netherlands
6,800,479	Recombinant adenoviruses expressing interleukin-18 protein and gene therapy using them	Samyang Genex Corporation	5-Oct-04	Korea
6,808,904	Herbicide-tolerant protox genes produced by DNA shuffling	Syngenta Participations AG	26-Oct-04	Switzerland
6,806,084	Methods for compositions for in vivo gene delivery	The Regents of the University of California	19-Oct-04	United States
6,803,204	Biologically active alternative form of the IKK.alpha. I.kappa.B kinase	The Research Foundation of State University of New York	12-Oct-04	United States
6,800,475	Isolation of a human retrovirus	The United States of America as represented by the Department of Health and	5-Oct-04	United States
6,800,476	Regulated expression of PKC and/or SRB1/psa1 in yeast	The Victoria University of Manchester	5-Oct-04	United Kingdom
6,800,458	Manganese superoxide dismutase regulatory elements and uses thereof	University of Florida	5-Oct-04	United States
6,803,191	Candida albicans two-component hybrid kinase gene, CaNik1, and use thereof	University of Iowa Research Foundation	12-Oct-04	United States
6,806,080	Hybrid vectors for gene therapy	University of Southern California	19-Oct-04	United States
6,800,463	Method for mutation detection in HIV-1 using pol sequencing	Virco Bvba	5-Oct-04	Belgium

CHEMISTRY: NATURAL RESINS OR DERIVATIVES				
Patent Number	Title	Assignee	Date Issued	Country
6,809,183	RecA proteins	Pioneer Hi-Bred International, Inc.	26-Oct-04	United States

6,809,181	Human beta-defensin-3 (HBD-3), a highly cationic beta-defensin antimicrobial peptide	University of Iowa Research Foundation	26-Oct-04	United States
---------------------------	--	--	-----------	---------------

DATA PROCESSING				
Patent Number	Title	Assignee	Date Issued	Country
6,807,491	Method and apparatus for combining gene predictions using bayesian networks	Hewlett-Packard Development Company, L.P.	19-Oct-04	United States
6,807,490	Method for DNA mixture analysis	Perlin; Mark W.	19-Oct-04	United States
6,801,859	Methods of characterizing drug activities using consensus profiles	Rosetta Inpharmatics LLC	5-Oct-04	United States

DRUG				
Patent Number	Title	Assignee	Date Issued	Country
6,800,605	Aniline-derived ligands for the thyroid receptor	Bristol-Myers Squibb Company	5-Oct-04	United States
6,803,037	Hyaluronic acid derivative based cell culture and biodegradable three-dimensional matrix	Fidia Advanced Biopolymers S.r.l.	12-Oct-04	Italy
6,803,360	Compositions and methods for reducing radiation and drug resistance in cells	Georgetown University	12-Oct-04	United States
6,800,288	Recombinant influenza A viruses	Polymun Scientific Immunbiologische Forschung GmbH	5-Oct-04	Austria
6,800,617	Methods for restoring wild-type p53 gene function	The Johns Hopkins University	5-Oct-04	United States
6,808,714	Detection of sarcocystis neurona	University of Florida	26-Oct-04	United States
6,809,079	Compositions and methods for treating female sexual arousal disorder using hydrophobic-calcitonin gene related peptide	VasoGenix Pharmaceuticals, Inc.	26-Oct-04	United States

MULTICELLULAR LIVING ORGANISMS				
Patent Number	Title	Assignee	Date Issued	Country
6,800,794	Nucleic acid comprising the sequence of a promoter uninductible by stress and a gene sequence coding for a stilbene synthase	Champagne Moet & Chandon	5-Oct-04	France

6,803,499	Methods and compositions for the production of stably transformed, fertile monocot plants and cells thereof	DeKalb Genetics Corporation	12-Oct-04	United States
6,809,234	Scarecrow gene, promoter and uses thereof	New York University	26-Oct-04	United States
6,800,792	Commercial production of laccase in plants	ProdiGene Inc.	5-Oct-04	United States
6,803,500	Genes encoding proteins regulating the pH of vacuoles	Suntory Limited	12-Oct-04	Japan
6,809,239	Choline monooxygenase gene	Toyota Jidosha Kabushiki Kaisha	26-Oct-04	Japan
6,806,400	Method for enhancing pathogen resistance in plants	University of South Carolina	19-Oct-04	United States

ORGANIC COMPOUNDS				
Patent Number	Title	Assignee	Date Issued	Country
6,800,750	Mc1-1 gene regulatory elements and a pro-apoptotic mc1-1 variant	Dartmouth College	5-Oct-04	United States
6,809,193	Antisense oligonucleotide compositions and methods for the modulation of JNK proteins	ISIS Pharmaceuticals, Inc.	26-Oct-04	United States
6,800,748	Cytoplasmic inhibition of gene expression and expression of a foreign protein in a monocot plant by a plant viral vector	Large Scale Biology Corporation	5-Oct-04	United States
6,806,359	Hormone receptor compositions and methods	The Salk Institute for Biological Studies	19-Oct-04	United States
6,806,358	Peptide inhibitor of TGF-.beta. growth factors	University of California San Diego	19-Oct-04	United States
6,809,191	GM-CSF nucleic acid sequences	Vaxim, Inc.	26-Oct-04	United States