

May, 2004 Patents Issued

CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY				
Patent No.	Title	Assignee	Date Posted	Country
6,733,969	Expression monitoring for gene function identification	Affymetrix, Inc.	11-May-04	United States
6,740,503	Compositions and methods for non-targeted activation of endogenous genes	Athersys, Inc.	25-May-04	United States
6,734,006	Regulation of human transmembrane serine protease	Bayer Aktiengesellschaft	11-May-04	Germany
6,737,269	Multi-state genetic oscillator	Boston University	18-May-04	United States
6,740,516	Nucleic acid and amino acid sequences	Compugen Ltd.	25-May-04	Israel
6,730,483	Phagemid for antibody screening	Deutsches Krebsforschungszentrum Stiftung des öffentlichen Rechts	4-May-04	Germany
6,740,506	End selection in directed evolution	Diversa Corporation	25-May-04	United States
6,740,524	Nucleic acid transfer phage	DNAVEC Research, Inc.	25-May-04	Japan
6,730,474	Molecular detection of chromosome aberrations	Erasmus Universiteit Rotterdam	4-May-04	Netherlands
6,730,511	Vectors that repress heterologous promoter activity	GSF-Forschungszentrum Fuer Umwelt und Gesundheit GmbH	4-May-04	Germany
6,730,476	Methods of diagnosing early-onset menopause	Interleukin Genetics, Inc.	4-May-04	United States
6,740,521	High-sensitive detection of environmental pollutants	Kaneka Corporation	25-May-04	Japan
6,740,514	Nucleic acids corresponding to 46798 a novel human matrix metalloproteinase and uses thereof	Millennium Pharmaceuticals, Inc.	25-May-04	United States
6,733,990	Nucleic acid encoding 15571, a GPCR-like molecule of the secretin-like family	Millennium Pharmaceuticals, Inc.	11-May-04	United States
6,730,491	2504, 15977, and 14760, novel protein kinase family members and uses therefor	Millennium Pharmaceuticals, Inc.	4-May-04	United States
6,730,508	Protein participating in the	Mitsui Chemicals, Inc.	4-May-04	Japan
6,740,519	Immortalized, homozygous stat1-deficient mammalian cell lines and their uses	Mount Sinai School of Medicine	25-May-04	United States
6,733,997	Isolated nucleic acids encoding a secretory signal for expression and secretion of heterologous recombinant proteins	National University of Singapore	11-May-04	Singapore

6,733,991	AGS proteins and nucleic acid molecules and uses therefor	OSI Pharmaceuticals, Inc.	11-May-04	United States
6,740,498	Methods for the identification of inhibitors of histidinol-phosphate as antibiotics	Paradigm Genetics, Inc.	25-May-04	United States
6,733,963	Methods for the identification of inhibitors of 3-isopropylmalate dehydratase as antibiotics	Paradigm Genetics, Inc.	11-May-04	United States
6,730,514	Stable human oral cancer cell carcinoma cell line	Ralhan; Ranju	4-May-04	India
6,730,499	Promoter for the Pichia pastoris formaldehyde dehydrogenase gene FLD1	Research Corporation Technologies, Inc.	4-May-04	United States
6,733,966	Diagnostic test kit for determining a predisposition for breast and ovarian cancer, materials and methods for such determination	Rijksuniversiteit Te Leiden	11-May-04	Netherlands
6,733,998	Micromonospora echinospora genes coding for biosynthesis of calicheamicin and self-resistance thereto	Sloan-Kettering Institute for Cancer Research	11-May-04	United States
6,740,515	Recombinant adenovirus	Sumitomo Pharmaceuticals Company, Limited	25-May-04	Japan
6,740,523	14-3-3.sigma. arrests the cell cycle	The Johns Hopkins University	25-May-04	United States
6,730,498	Production of functional proteins: balance of shear stress and gravity	The United States of America as represented by the Administrator of the	4-May-04	United States
6,737,251	Nucleotide and deduced amino acid sequences of tumor gene Int6	The United States of America as represented by the Department of Health and	18-May-04	United States
6,733,996	Methods for regulating gene expression using light	Trustees of Dartmouth College	11-May-04	United States

CHEMISTRY: NATURAL RESINS OR DERIVATIVES				
Patent No.	Title	Assignee	Date Posted	Country
6,730,777	Cystic fibrosis gene	HSC Research Development Corporation	4-May-04	Canada
6,730,779	Antibody that specifically binds an Mch4 polypeptide	IDUN Pharmaceuticals, Inc.	4-May-04	United States
6,740,737	Cardiovascular system associated protein kinase 2 (CSAPK-2) antibodies	Millennium Pharamceuticals, Inc.	25-May-04	United States
6,740,738	Antibody against hypoxia proteins	Quark Biotech, Inc.	25-May-04	United States

DRUGS				
Patent No.	Title	Assignee	Date Posted	Country
6,733,761	Mycobacterial isocitrate lyase gene and uses thereof	Albert Einstein College of Medicine of Yeshiva University	11-May-04	United States
6,737,052	Induction of programmed cell death by N5 gene	Board of Regents, University of Texas System	18-May-04	United States
6,740,324	Methods and compositions useful for stimulating an immune response	ChemoCentryx, Inc.	25-May-04	United States
6,730,297	Use of recombinant gene delivery vectors for treating or preventing lysosomal storage disorders	Chiron Corporation	4-May-04	United States
6,740,331	Apparatus for the delivery of drugs or gene therapy into a patient's vasculature and methods of use	Global Gene Therapies, Inc.	25-May-04	United States
6,734,160	Methods of treating diabetes mellitus with OB polypeptides	The Rockefeller University	11-May-04	United States
6,730,663	Targeting gene expression to living tissue using jet injection	The United States of America as represented by the Department of Health and	4-May-04	United States
6,730,324	Biofunctional hydroxyapatite coatings and microspheres for in-situ drug encapsulation	The University of British Columbia	4-May-04	Canada
6,737,413	SOX-9 gene and protein and use in the regeneration of bone or cartilage	The University of Queensland	18-May-04	Australia
6,737,412	Antisense oligodeoxynucleotides regulating expression of TNF .alpha.	Univerisity Technologies International, Inc.	18-May-04	Canada
6,740,322	Immunization of dairy cattle with Mig protein	University of Saskatchewan	25-May-04	Canada

MULTICELLULAR LIVING ORGANISMS				
Patent No.	Title	Assignee	Date Posted	Country
6,740,793	Transgenic animal having a disrupted PDE7A gene and uses thereof	Albert Einstein College of Medicine of Yeshiva University	25-May-04	United States
6,734,338	Transfection, storage and transfer of male germ cells for generation of transgenic species and genetic therapies	Cedars-Sinai Medical Center	11-May-04	United States

6,734,336	Gene-targeted non-human mammal with human fad presenilin mutation and generational offspring	Cephalon, Inc.	11-May-04	United States
6,730,821	Transgenic mice containing retina-specific nuclear receptor gene disruptions	Deltagen, Inc.	4-May-04	United States
6,730,827	Genes encoding plant adenosine 5'-phosphosulfate reductase	E. I. du Pont de Nemours and Company	4-May-04	United States
6,730,823	Plant choline phosphate cytidyltransferase	E. I. du Pont de Nemours and Company	4-May-04	United States
6,734,344	Coniothyrium minitans .beta.- (1,3) exoglucanase gene cbeg 1	Her Majesty the Queen in right of Canada, as represented by the Minister of	11-May-04	Canada
6,734,342	Theobromine synthase polypeptide of coffee plant and the gene encoding said polypeptide	Nara Institute of Science and Technology	11-May-04	Japan
6,737,560	Molecular methods of hybrid seed production	Pioneer Hi-Bred International, Inc.	18-May-04	United States
6,734,337	Acetyl-coenzyme A carboxylase 2 as a target in the regulation of fat burning, fat accumulation, energy homeostasis and insulin action	Research Development Foundation	11-May-04	United States
6,740,794	Methods of isolating the androgenic sex hormone from crustacean prawn and marine shrimp and methods of use	University of Hawaii	25-May-04	United States
6,737,561	Gene encoding short integuments and uses thereof	University of Rochester	18-May-04	United States
6,737,559	See-through medaka	Wakamatsu; Yuko	18-May-04	Japan
6,730,820	Agent and method for modulation of cell migration	Wisconsin Alumni Research Foundation	4-May-04	United States

ORGANIC COMPOUNDS				
Patent No.	Title	Assignee	Date Posted	Country
6,740,743	Scorpion toxins	E. I. du Pont de Nemours and Company	25-May-04	United States
6,740,749	Ozone-induced gene expression in plants	GSF-Forschungszentrum fur Umwelt	25-May-04	Germany
6,740,747	Bovine VDJ cassette, BF1H1, suitable for antigenization	Kaushik; Azad	25-May-04	Canada
6,740,746	DNA molecule encoding a variant paraoxonase and uses thereof	Oy Jurilab Ltd.	25-May-04	Finland
6,734,295	Modified CRE recombinase gene for mammals	President of Osaka University	11-May-04	Japan

6,737,523	Nucleic acids comprising regions of the rat PEG-3 promoter that display elevated expression in human cancer cells and uses thereof	The Trustees of Columbia University in the City of New York	18-May-04	United States
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SURGERY				
Patent No.	Title	Assignee	Date Posted	Country
6,732,738	Method to enhance healing of sternum after sternotomy	Kaken Pharmaceutical Company, Ltd.	11-May-04	Japan