

**APRIL, 2009 Gene-Related Patents Issued - Full patent:**

<http://patft.uspto.gov/netahtml/PTO/srchnum.htm>

<b>CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>				
<b>Pat No</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
7,524,656	Method for producing an L-amino acid by enhancing expression of the yggA gene in an Escherichia bacterium	Ajinomoto Co., Inc.	28-Apr-09	Japan
7,521,190	Compositions and methods for genetic analysis of polycystic kidney disease	Athena Diagnostics, Inc.	21-Apr-09	United States
7,517,659	Potassium channel molecules and uses therefor	Bayer Shering Pharma AG	14-Apr-09	Germany
7,521,185	Assay for SARS coronavirus by amplification and detection of the replicase sequence	Becton, Dickinson and Company	21-Apr-09	United States
7,517,669	Gene regulation therapy involving ferritin	Broyles; Robert H.	14-Apr-09	United States
7,524,659	Isogenic strain line of bacterium for producing polyhydroxyalkanoate in which polyhydroxyalkanoate synthase gene is disrupted and method for producing polyhydroxyalkanoate using the same	Canon Kabushiki Kaisha	28-Apr-09	Japan
7,524,644	Method for oxygen regulated production of recombinant staphylokinase	Council of Scientific and Industrial Research	28-Apr-09	India
7,521,191	siRNA targeting connexin 43	Dharmacon, Inc.	21-Apr-09	United States
7,517,689	Methods and compositions for regulating gene expression in plant cells	Donald Danforth Plant Science Center	14-Apr-09	United States
7,524,657	Alleles of the sigA gene from coryneform bacteria	Evonik Degussa GmbH	28-Apr-09	Germany
7,521,182	Selection system containing non-antibiotic resistance selection marker	FIT Biotech OY	21-Apr-09	Sweden
7,514,253	URA5 gene and methods for stable genetic integration in yeast	GlycoFi, Inc.	7-Apr-09	United States
7,524,634	MN/CA IX and cancer prognosis	Institute of Virology, Slovak Academy of Sciences	28-Apr-09	Slovakia
7,517,676	Human cyclooxygenase-3 enzyme and uses thereof	Janssen Pharmaceutica N.V.	14-Apr-09	Belgium
7,521,234	Mammalian immortalized liver cell	Kobayashi; Naoya	21-Apr-09	Japan
7,524,675	Pharmaceutical use of alpha antigen or alpha antigen gene	Maruho Co., Ltd	28-Apr-09	Japan
7,521,181	Methods of diagnosing risk of myocardial infarction by detection of polymorphisms in connexin and NADH/NADPH oxidase genes	Nagoya Industrial Science Research Institute	21-Apr-09	Japan

7,517,647	Genetic screen for bioactive peptides	New York University	14-Apr-09	United States
7,521,204	Bacillus host cell	Novozymes A/S	21-Apr-09	Denmark
7,517,668	Process for the production of protein products in aspergillus	Novozymes A/S	14-Apr-09	Denmark
7,521,205	Genes and polypeptides relating to prostate cancers	Oncotherapy Science, Inc.	21-Apr-09	Japan
7,521,239	Photochemical internalization for virus-mediated molecule delivery into the cytosol	PCI Biotech AS	21-Apr-09	Norway
7,514,213	Compositions and methods for determining genotypes	Quest Diagnostics Investments Incorporated	7-Apr-09	United States
7,524,674	Multimodality imaging of reporter gene expression using a novel fusion vector in living cells and animals	Stanford University	28-Apr-09	United States
7,517,688	Method for ligating nucleic acids and molecular cloning	Stratagene California	14-Apr-09	United States
7,524,648	Expression system for enhancing solubility and immunogenicity of recombinant proteins	Stresspro Biomedicine Incorporation	28-Apr-09	Taiwan
7,514,229	Methods for diagnosing and evaluating treatment of blood disorders	The Board of Trustees of the Leland Stanford Junior University	7-Apr-09	United States
7,514,252	Cell-specific and/or tumor-specific promoter retargeting of herpes gamma. 34.5 gene expression	The General Hospital Corporation	7-Apr-09	United States
7,521,224	Microelectronic cell electroporation array	The United States of America as represented by the Secretary of the Navy	21-Apr-09	United States
7,514,219	Method for distinguishing between head and neck squamous cell carcinoma and lung squamous cell carcinoma	The Wistar Institute	7-Apr-09	United States
7,524,665	Methods and compositions for vitamin K epoxide reductase	University of North Carolina at Chapel Hill	28-Apr-09	United States
7,524,622	Methods for increasing production of IFN-gamma in natural killer cells expressing LLT1 receptor	University of North Texas Health Science Center at Fort Worth	28-Apr-09	United States
7,517,678	Method for protein production	Waseda University	14-Apr-09	United States
7,524,669	Transgenic Saccharomyces cerevisiae and method for bioremediation	Wayne State University	28-Apr-09	United States

<b>DRUG</b>				
<b>Pat No</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
7,524,830	Decoy-containing pharmaceutical compositions and method of using the same	AnGes MG, Inc.	28-Apr-09	Japan
7,517,529	Treatment of type I diabetes	Biotempt B.V.	14-Apr-09	Netherlands

7,524,820	Compounds of therapeutic value in the treatment of multiple sclerosis and other diseases wherein foamy cells are involved in the disease etiology	Biotempt B.V.	28-Apr-09	Netherlands
7,524,506	gM-negative EHV-mutants without heterologous elements	Boehringer Ingelheim Vetmedica GmbH	28-Apr-09	Germany
7,521,055	Ferroportin1 antibodies and methods	Children's Medical Center Corporation	21-Apr-09	United States
7,524,819	Compositions and methods for counteracting effects of reactive oxygen species and free radicals	Ischemix, Inc.	28-Apr-09	United States
7,514,416	Interferon alpha and antisense K-ras RNA combination gene therapy	Japan Health Sciences Foundation	7-Apr-09	Japan
7,521,433	Gene carriers with the use of polysaccharide and process for producing the same	Japan Science and Technology Agency	21-Apr-09	Japan
7,524,827	Methods and compositions for the inhibition of gene expression	Pronai Therapeutics, Inc.	28-Apr-09	United States
7,514,099	Lipid nanoparticle based compositions and methods for the delivery of biologically active molecules	Sirna Therapeutics, Inc.	7-Apr-09	United States
7,517,864	RNA interference mediated inhibition of vascular endothelial growth factor and vascular endothelial growth factor receptor gene expression using short interfering nucleic acid (siNA)	Sirna Therapeutics, Inc.	14-Apr-09	United States
7,521,431	Compositions and methods for siRNA inhibition of HIF-1 alpha	The Trustees of the University of Pennsylvania	21-Apr-09	United States
7,514,089	Genetically modified tumor-targeted bacteria with reduced virulence	Vion Pharmaceuticals, Inc.	7-Apr-09	United States

<b>MULTICELLULAR LIVING ORGANISMS</b>				
<b>Pat No</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
7,521,600	Regulation of flavonoid expression in alfalfa using maize regulatory genes	Agriculture and Agri - Food Canada	21-Apr-09	Canada
7,514,596	Methods for simultaneous control of lignin content and composition, and cellulose content in plants	Board of Control of Michigan Technological University	7-Apr-09	United States
7,521,595	Repressor-mediated regulation system for control of gene expression in plants	Her Majesty the Queen in right of Canada, as represented by the Minister of Agriculture and Agri-Food	21-Apr-09	Canada
7,525,014	Disease-resistant plants and method of constructing the same	Japan Tobacco Inc.	28-Apr-09	Japan

7,514,592	Inducible heart attack animal model	Massachusetts Institute of Technology	7-Apr-09	United States
7,521,594	CPC214 gene promoter sequences and methods of use	Monsanto Technology LLC	21-Apr-09	United States
7,518,040	Methods of identifying spike morphology and fusarium head blight resistance, and the use of these methods for improving barley and related triticeae plants	National Institute of Agrobiological Sciences	14-Apr-09	Japan
7,521,596	Method for controlling weeds	Sumitomo Chemical Company, Limited	21-Apr-09	Japan
7,514,597	Glycosyltransferase gene	Suntory Limited	7-Apr-09	Japan
7,514,595	Targeted and regional cellular ablation in zebrafish	Washington University in St. Louis	7-Apr-09	United States
7,514,594	Transgenic animal model of bone mass modulation	Wyeth	7-Apr-09	United States

#### NATURAL RESINS OR DERIVATIVES

Pat No	Title	Assignee	Date Issued	Country
7,514,533	TNF-like secreted protein	Ares Trading S.A.	7-Apr-09	Switzerland
7,521,532	GL50 polypeptides	Genetics Institute, LLC	21-Apr-09	United States
7,517,950	Tumor antigen based on products of the tumor suppressor gene WT1	International Institute of Cancer Immunology, Inc.	14-Apr-09	Japan
7,524,934	Human brain carboxypeptidase B antibodies	Matsumoto; Akira	28-Apr-09	Japan
7,514,535	Chimeric immunogens	Sanofi Pasteur Limited	7-Apr-09	Canada
7,517,959	SOCS3 proteins	Walter and Eliza Hall Institute of Medical Research	14-Apr-09	Australia

#### ORGANIC COMPOUNDS

Pat No	Title	Assignee	Date Issued	Country
7,521,547	Multiplex PCR for the detection of AmpC beta-lactamase genes	Creighton University	21-Apr-09	United States
7,514,550	siRNA targeting myeloid cell leukemia sequence 1	Dharmacon, Inc.	7-Apr-09	United States
7,524,945	Plant diacylglycerol acyltransferases	E.I. du Pont de Nemours and Company	28-Apr-09	United States
7,524,943	Method for the production of plant seed with modified fiber content and modified seed coat	National Research Council of Canada	28-Apr-09	Canada

#### SURGERY

Pat No	Title	Assignee	Date Issued	Country
7,524,327	Light activated gene transduction using long wavelength ultraviolet light for cell targeted gene delivery	University of Rochester	28-Apr-09	United States