

## OCTOBER, 2006 Gene-Related Patents Issued

<b>CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>				
<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
<a href="#">7,118,863</a>	<a href="#">Methods for detecting NTR3 nucleic acids by hybridization</a>	Amgen, Inc.	10-Oct-06	United States
<a href="#">7,129,077</a>	<a href="#">Regulation of human aminopeptidase N</a>	Bayer HealthCare AG	31-Oct-06	Germany
<a href="#">7,125,665</a>	<a href="#">Detection of nucleic acid target sequences by electron paramagnetic resonance spectroscopy</a>	Bobst; Albert M.	24-Oct-06	United States
<a href="#">7,115,370</a>	<a href="#">Combinatorial oligonucleotide PCR</a>	Capital Genomix, Inc.	3-Oct-06	United States
<a href="#">7,129,079</a>	<a href="#">Cells engineered to contain genes of interest</a>	Carnegie Mellon University	31-Oct-06	United States
<a href="#">7,118,912</a>	<a href="#">Methods and compositions for categorizing patients</a>	Case Western Reserve University	10-Oct-06	United States
<a href="#">7,129,034</a>	<a href="#">Differentiation of whole bone marrow</a>	Cedars-Sinai Medical Center	31-Oct-06	United States
<a href="#">7,122,308</a>	<a href="#">Detection of antidepressant induced mania</a>	Centre for Addiction and Mental Health	17-Oct-06	Canada
<a href="#">7,115,417</a>	<a href="#">Soft tissue and bone augmentation and bulking utilizing muscle-derived progenitor compositions, and treatments thereof</a>	Chancellor; Michael B.	3-Oct-06	United States
<a href="#">7,118,913</a>	<a href="#">Expression vector containing urea cycle enzyme gene, transformant thereof, and use of transformant for protein over-expression</a>	Chung-Ang University Industry Academic Cooperation Foundation	10-Oct-06	Korea
<a href="#">7,122,348</a>	<a href="#">AAV2 Rep protein fusions</a>	City of Hope	17-Oct-06	United States
<a href="#">7,129,066</a>	<a href="#">Nucleotide sequences coding for the citE gene</a>	Degussa AG	31-Oct-06	Germany
<a href="#">7,129,043</a>	<a href="#">Methods of screening for risk of proliferative disease and methods for the treatment of proliferative disease</a>	Duke University	31-Oct-06	United States
<a href="#">7,118,879</a>	<a href="#">Method of recovering a nucleic acid encoding a proteinaceous binding domain which binds a target material</a>	Dyax Corp.	10-Oct-06	United States
<a href="#">7,129,088</a>	<a href="#">Plant caffeic acid 3-O-methyltransferase homologs</a>	E. I. du Pont de Nemours and Company	31-Oct-06	United States
<a href="#">7,129,063</a>	<a href="#">Exocrine gland tight junction-constituting protein jeap family</a>	Eisai Co., Ltd.	31-Oct-06	Japan
<a href="#">7,125,673</a>	<a href="#">CpG retrieval of DNA from formalin-fixed pathology specimen for promoter methylation analysis</a>	Fan; Chun-Yang	24-Oct-06	United States
<a href="#">7,118,910</a>	<a href="#">Microfluidic device and methods of using same</a>	Fluidigm Corporation	10-Oct-06	United States
<a href="#">7,122,312</a>	<a href="#">Methods for drug target screening</a>	Fred Hutchinson Cancer Research Center	17-Oct-06	United States

<a href="#">7,115,391</a>	<a href="#">Production of recombinant AAV using adenovirus comprising AAV rep/cap genes</a>	<b>Genovo, Inc.</b>	<b>3-Oct-06</b>	United States
<a href="#">7,115,373</a>	<a href="#">Method of testing for atopic dermatitis by measuring expression of the NOR-1 gene</a>	<b>Genox Research, Inc.</b>	<b>3-Oct-06</b>	Japan
<a href="#">7,115,404</a>	<a href="#">UDP-galactose: .beta.-D-galactose-R 4-.alpha.-D-galactosyltransferase, .alpha.4Gal-T1</a>	<b>Glycozym APS</b>	<b>3-Oct-06</b>	Denmark
<a href="#">7,115,420</a>	<a href="#">Promoters and utilization thereof</a>	<b>Kirin Beer Kabushiki Kaisha</b>	<b>3-Oct-06</b>	Japan
<a href="#">7,118,914</a>	<a href="#">Method for producing human lactoferrin in plant cell culture</a>	<b>Korea Research Institute of Bioscience and Biotechnology</b>	<b>10-Oct-06</b>	Korea
<a href="#">7,125,681</a>	<a href="#">Methods for detection of disease-associated antibodies in urine</a>	<b>Ludwig Institute for Cancer Research</b>	<b>24-Oct-06</b>	United States
<a href="#">7,122,339</a>	<a href="#">Method for generating diversity</a>	<b>Council</b>	<b>17-Oct-06</b>	United Kingdom
<a href="#">7,125,664</a>	<a href="#">Method for identifying genes that are upstream regulators of other genes of interest</a>	<b>Minc-Golomb; Dahlia</b>	<b>24-Oct-06</b>	Israel
<a href="#">7,125,704</a>	<a href="#">Gluconate dehydratase</a>	<b>Mitsui Chemicals, Inc.</b>	<b>24-Oct-06</b>	Japan
<a href="#">7,129,064</a>	<a href="#">Canine hepatocyte growth factor</a>	<b>Nippon Zenyaku Kogyo Ltd.</b>	<b>31-Oct-06</b>	Japan
<a href="#">7,125,688</a>	<a href="#">Feline hepatocyte growth factor</a>	<b>Nippon Zenyaku Kogyo, LTD</b>	<b>24-Oct-06</b>	Japan
<a href="#">7,125,712</a>	<a href="#">Bovine immunodeficiency virus (BIV) based vectors</a>	<b>Novartis AG</b>	<b>24-Oct-06</b>	Switzerland
<a href="#">7,122,311</a>	<a href="#">Methods for determining the risk of developing asthma characterized by bronchial hyperresponsiveness</a>	<b>Novartis AG</b>	<b>17-Oct-06</b>	Switzerland
<a href="#">7,122,373</a>	<a href="#">Human genes and gene expression products V</a>	<b>Nuvelo, Inc.</b>	<b>17-Oct-06</b>	United States
<a href="#">7,115,367</a>	<a href="#">Method for the specific detection and identification of retroviral nucleic acids/retroviruses in a specimen</a>	<b>Ruprecht-Karls-Universitat Heidelberg</b>	<b>3-Oct-06</b>	Germany
<a href="#">7,122,374</a>	<a href="#">Amyloid beta-protein 3(pE)-42 antibodies and uses thereof</a>	<b>Saido; Takaomi</b>	<b>17-Oct-06</b>	Japan
<a href="#">7,122,310</a>	<a href="#">Methods of constructing self-assembly of probes and method of detecting the same</a>	<b>Sanko Junyaku Co., Ltd.</b>	<b>17-Oct-06</b>	Japan
<a href="#">7,125,686</a>	<a href="#">Proteins and methods for producing the proteins</a>	<b>Sankyo Co., Ltd.</b>	<b>24-Oct-06</b>	Japan
<a href="#">7,115,416</a>	<a href="#">Expressed sequence tags and encoded human proteins</a>	<b>Serono Genetics Institute S.A</b>	<b>3-Oct-06</b>	France
<a href="#">7,118,869</a>	<a href="#">Genomic sequence of the 5-Lipoxygenase-activating protein (FLAP), polymorphic markers thereof and methods for detection of asthma</a>	<b>Serono Genetics Institute S.A.</b>	<b>10-Oct-06</b>	France
<a href="#">7,118,898</a>	<a href="#">Rhodococcus bacterium, nitrilase gene, nitrilhydratase gene and amidase gene from Rhodococcus bacterium, and process for producing carboxylic acids by using them</a>	<b>Showa Denko K.K.</b>	<b>10-Oct-06</b>	Japan

<a href="#">7,129,040</a>	<a href="#">Tumor suppressor designated TS10q23.3</a>	Steck; Peter	31-Oct-06	United States
<a href="#">7,115,403</a>	<a href="#">Directed evolution of galactose oxidase enzymes</a>	The California Institute of Technology	3-Oct-06	United States
<a href="#">7,125,666</a>	<a href="#">Collagen XXII, a novel human collagen and uses thereof</a>	The General Hospital Corporation	24-Oct-06	United States
<a href="#">RE39,350</a>	<a href="#">RNA binding protein and binding site useful for expression of recombinant molecules</a>	The Scripps Research Institute	17-Oct-06	United States
<a href="#">7,129,083</a>	<a href="#">PiggyBac transformation system</a>	The United States of America as represented by the Secretary of Agriculture	31-Oct-06	United States
<a href="#">7,118,873</a>	<a href="#">Polynucleotides encoding cellular transporters and methods of use thereof</a>	The University of Connecticut	10-Oct-06	United States
<a href="#">7,129,084</a>	<a href="#">Production of humanized antibodies in transgenic animals</a>	Therapeutic Human Polyclonals, Inc.	31-Oct-06	United States
<a href="#">7,125,718</a>	<a href="#">Method for introducing and expressing genes in animal cells, and bacterial blebs for use in same</a>	University of Maryland Biotechnology Institute	24-Oct-06	United States
<a href="#">7,118,888</a>	<a href="#">Gene expression vaccine</a>	Florida Board of Trustees	10-Oct-06	United States
<a href="#">7,122,361</a>	<a href="#">Compositions employing a novel human kinase</a>	Wyeth	17-Oct-06	United States
<a href="#">7,118,861</a>	<a href="#">DNA detector based on molecular controlled</a>	Yeda Research and Development Co., Ltd.	10-Oct-06	Israel
<a href="#">7,122,349</a>	<a href="#">Human zven proteins</a>	ZymoGenetics, Inc.	17-Oct-06	United States

#### CHEMISTRY: NATURAL RESINS OR DERIVATIVES

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7,115,715</a>	<a href="#">Anti-idiotypic antibodies to MN proteins and MN polypeptides</a>	Institute of Virology Slovak Academy of Sciences	3-Oct-06	Slovakia
<a href="#">7,125,957</a>	<a href="#">VPR mutant protein and its encoding gene having apoptosis-inducing action</a>	Riken	24-Oct-06	Japan
<a href="#">7,115,711</a>	<a href="#">Retinoid X receptor-interacting polypeptides and related molecules and methods</a>	The General Hospital Corporation	3-Oct-06	United States

#### DATA PROCESSING

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7,127,354</a>	<a href="#">Method of displaying gene data, and recording medium</a>	Hitachi Software Engineering Co., Ltd.	24-Oct-06	Japan
<a href="#">7,127,436</a>	<a href="#">Gene expression programming algorithm</a>	Motorola, Inc.	24-Oct-06	United States
<a href="#">7,124,032</a>	<a href="#">System and method for reconstructing pathways in large genetic networks from genetic perturbations</a>	Science & Technology Corporation @ UNM	17-Oct-06	United States

#### DRUG

Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7,122,520</a>	<a href="#">Methods of modulating appetite using agouti-related transcript polypeptides</a>	Amgen Inc.	17-Oct-06	United States
<a href="#">7,115,258</a>	<a href="#">Vesicular monoamine transporter gene therapy in parkinson's disease</a>	Arch Development Corp.	3-Oct-06	United States
<a href="#">7,122,187</a>	<a href="#">Treating autoimmune diseases with humanized anti-CD40L antibody</a>	Biogen IDEC Inc.	17-Oct-06	United States
<a href="#">7,118,755</a>	<a href="#">Herpes viruses for immune modulation</a>	Biovex Limited	10-Oct-06	United Kingdom
<a href="#">7,129,211</a>	<a href="#">Adipocyte Insulin adpinsl with Insulin A and B chains and an effective method of treating type 2 diabetes in a subject using adipocyte insulin</a>	Council of Scientific and Industrial Research	31-Oct-06	India
<a href="#">7,115,271</a>	<a href="#">Protein D--an IgD-binding protein of Haemophilus influenzae</a>	Forsgren; Arne	3-Oct-06	Sweden
<a href="#">7,125,549</a>	<a href="#">Methods and compositions for efficient gene transfer using transcomplementary vectors</a>	Human Gene Therapy Research Institute	24-Oct-06	United States
<a href="#">7,129,207</a>	<a href="#">Human K.sup.+ ion channel and therapeutic applications thereof</a>	Gesellschaft zur Forderung Wissenschaften e.V.	31-Oct-06	Germany
<a href="#">7,122,181</a>	<a href="#">Lentiviral vector-mediated gene transfer and uses thereof</a>	Research Development Foundation	17-Oct-06	United States
<a href="#">7,122,179</a>	<a href="#">Live genetically attenuated malaria vaccine</a>	Seattle Biomedical Research Institute	17-Oct-06	United States
<a href="#">7,125,548</a>	<a href="#">Streptococcus suis vaccines and diagnostic tests</a>	Stichting Dienst Landbouwkundig Onderzoek	24-Oct-06	Netherlands
<a href="#">7,118,743</a>	<a href="#">Bispecific molecules cross-linking ITIM and ITAM for therapy</a>	Tanox, Inc.	10-Oct-06	United States
<a href="#">7,128,912</a>	<a href="#">Fibronectin binding protein compositions and methods of use</a>	The Texas A&M University System	31-Oct-06	United States
<a href="#">7,118,744</a>	<a href="#">Immunogenic compositions for induction of anti-tumor immunity</a>	Yeda Research and Development Co., Ltd.	10-Oct-06	Israel

<b>MULTICELLULAR LIVING ORGANISMS AND UNMODIFIED PARTS</b>				
Patent Number	Title	Assignee	Date Issued	Country
<a href="#">7,115,796</a>	<a href="#">Transgenic pig containing heat shock protein 70 transgene</a>	Animal Technology Institute	3-Oct-06	Taiwan
<a href="#">7,129,391</a>	<a href="#">Universal chloroplast integration and expression vectors, transformed plants and products thereof</a>	Auburn University	31-Oct-06	United States
<a href="#">7,122,721</a>	<a href="#">Plant gene expression under the control of constitutive plant V-ATPase promoters</a>	BASF Aktiengesellschaft	17-Oct-06	Germany
<a href="#">7,122,722</a>	<a href="#">Methods for producing transgenic cotton plants using chilled apical shoot tips</a>	Cotton Incorporated (	17-Oct-06	United States
<a href="#">7,122,717</a>	<a href="#">Enzymes involved in squalene metabolism</a>	E. I. du Pont de Nemours and Company	17-Oct-06	United States

<a href="#">7,122,723</a>	<a href="#">Plant recombination proteins</a>	<b>E.I. du Pont de Nemours and Company</b>	<b>17-Oct-06</b>	United States
<a href="#">7,129,392</a>	<a href="#">Materials and methods for increasing isoprenoid production in cells</a>	<b>Hahn; Frederick M.</b>	<b>31-Oct-06</b>	United States
<a href="#">7,115,797</a>	<a href="#">Mice lacking inward-rectifying potassium channel Kir6.1</a>	<b>JCR Pharmaceuticals Co., Ltd.</b>	<b>3-Oct-06</b>	Japan
<a href="#">7,119,256</a>	<a href="#">Gene encoding acetolactate synthase</a>	<b>Kumiai Chemical Industry Co., Ltd.</b>	<b>10-Oct-06</b>	Japan
<a href="#">7,126,042</a>	<a href="#">Recombinant oleosins from cacao and their use as flavoring or emulsifying agents</a>	<b>Nestec S.A.</b>	<b>24-Oct-06</b>	Switzerland
<a href="#">7,119,254</a>	<a href="#">Endoglucanase gene promoter upregulated by the root-knot nematode</a>	<b>North Carolina State University</b>	<b>10-Oct-06</b>	United States
<a href="#">7,122,716</a>	<a href="#">Enhanced plant cell transformation by addition of host genes involved in T-DNA integration</a>	<b>Purdue Research Foundation</b>	<b>17-Oct-06</b>	United States
<a href="#">7,126,047</a>	<a href="#">Soybean cultivar M08851</a>	<b>Syngenta Participations AG</b>	<b>24-Oct-06</b>	Switzerland
<a href="#">7,129,397</a>	<a href="#">Promoters functional in plant plastids</a>	<b>Syngenta Participations AG</b>	<b>31-Oct-06</b>	Australia
<a href="#">7,122,726</a>	<a href="#">Inbred maize line NP2460</a>	<b>Syngenta Participations AG</b>	<b>17-Oct-06</b>	Switzerland
<a href="#">7,119,255</a>	<a href="#">Promoter from maize prolamin seed storage protein and uses thereof</a>	<b>Syngenta Participations, AG</b>	<b>10-Oct-06</b>	Switzerland
<a href="#">7,126,040</a>	<a href="#">Mouse model for aging</a>	<b>Wisconsin Alumni Research Foundation</b>	<b>24-Oct-06</b>	United States
<a href="#">7,115,793</a>	<a href="#">Isolation and identification of transcription control elements associated with mouse eosinophil peroxidase expression</a>	<b>Xenogen Corporation</b>	<b>3-Oct-06</b>	United States
<a href="#">7,129,393</a>	<a href="#">Transgenic plants and method for transforming carnations</a>	<b>Development Company of the Hebrew University</b>	<b>31-Oct-06</b>	Israel

<b>OPTICAL</b>				
<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
<a href="#">7,116,475</a>	<a href="#">Near-field intra-cellular apertureless microscope</a>	<b>Nanopoint, Inc.</b>	<b>3-Oct-06</b>	United States

<b>ORGANIC COMPOUNDS</b>				
<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
<a href="#">7,115,738</a>	<a href="#">Hydroxyproline/phosphono oligonucleotide analogues, methods of synthesis and methods of use</a>	<b>Active Motif</b>	<b>3-Oct-06</b>	United States
<a href="#">7,115,727</a>	<a href="#">Nucleic acids and corresponding proteins entitled 282P1G3 useful in treatment and detection of cancer</a>	<b>Agensys, Inc.</b>	<b>3-Oct-06</b>	United States

<a href="#">7,125,977</a>	<a href="#">Genes for heat resistant enzymes of amino acid biosynthetic pathway derived from thermophilic coryneform</a>	Ajinomoto Co., Inc.	24-Oct-06	Japan
<a href="#">7,125,996</a>	<a href="#">Fluorescent probes for use in protein kinase inhibitor binding assay</a>	Boehringer Ingelheim Pharmaceuticals, Inc.	24-Oct-06	United States
<a href="#">7,115,734</a>	<a href="#">Nucleic acid, nucleic acid for detecting dechlorination bacteria, probe, method for detecting dechlorination bacteria and method for treating earth or underground water polluted by chlorinated ethylene or chlorinated ethane</a>	Kurita Water Industries Ltd.	3-Oct-06	Japan
<a href="#">7,125,978</a>	<a href="#">Promoter for regulating expression of foreign genes</a>	Medicago Inc.	24-Oct-06	Canada
<a href="#">7,119,187</a>	<a href="#">Internal ribosome entry site of the labial gene for protein expression</a>	National Health Research Institutes	10-Oct-06	Taiwan
<a href="#">7,119,189</a>	<a href="#">Metabotropic GABA .sub.[B] receptors, receptor-specific ligands and their uses</a>	Novartis AG	10-Oct-06	Switzerland
<a href="#">7,122,648</a>	<a href="#">Ion channel receptor and uses thereof</a>	Regeneron Pharmaceuticals, Inc.	17-Oct-06	United States
<a href="#">7,122,644</a>	<a href="#">Methods and compositions for inhibiting neoplastic cell growth</a>	Serono Genetics Institute S.A.	17-Oct-06	France
<a href="#">7,119,183</a>	<a href="#">Rapid immunoselection cloning method</a>	The General Hospital Corporation	10-Oct-06	United States
<a href="#">7,125,969</a>	<a href="#">ETS-related gene overexpressed in human breast and epithelial cancers</a>	The Regents of the University of California	24-Oct-06	United States
<a href="#">7,125,976</a>	<a href="#">Method of screening for agents inhibiting chloride intracellular channels</a>	Trustees of Columbia University	24-Oct-06	United States
<a href="#">7,119,185</a>	<a href="#">Hormonally up-regulated, neu-tumor-associated kinase</a>	University of Pennsylvania	10-Oct-06	United States
<a href="#">7,115,733</a>	<a href="#">Rubisco promoters and uses thereof</a>	Unicrop LTD	3-Oct-06	Finland
<a href="#">7,122,652</a>	<a href="#">Polymorphisms in the human hPXR gene and their use diagnostic and therapeutic applications</a>	Wojnowski; Leszek	17-Oct-06	Germany

<b>SURGERY</b>				
<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
<a href="#">7,130,692</a>	<a href="#">Portable electrotherapy device for treating osteoarthritis and other diseases, defects and injuries of the knee joint</a>	The Trustees of the University of Pennsylvania	31-Oct-06	United States