

## JUNE, 2004 - 152 Gene-related Patent Applications Posted in 5 Categories

<b>CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20040106124	Methods for improving the treatment of major depression by genotyping for the gene for apolipoprotein e4 and for improving the therapeutic response of humans having major depression and carrying the gene for apolipoprotein e4	<b>Akzo Nobel</b>	3-Jun-04	United States
20040115773	Serpin in bifidobacteria	<b>Arigoni, Fabrizio</b>	17-Jun-04	Switzerland
20040115678	Dna markers for meat tenderness	<b>Barendse, William John</b>	17-Jun-04	Australia
20040121389	Novel genes and methods that modulate apoptosis	<b>Boston Medical Center Corporation</b>	24-Jun-04	United States
20040121324	Barcoded synthetic lethal screening to identify drug targets	<b>Brenner, Charles M</b>	24-Jun-04	United States
20040106135	Assay for PPAR ligand dependent gene modulation	<b>BRISTOL-MYERS SQUIBB COMPANY</b>	3-Jun-04	United States
20040121321	Nucleic acid molecules and other molecules associated with the gibberellin pathway	<b>Brown, Sherri M</b>	24-Jun-04	United States
20040115701	Method for risk assessment for polygenic disorders	<b>Comings, David E.;</b>	17-Jun-04	United States
20040110173	Haplotype partitioning in the proximal promoter of the human growth hormone (GH1) gene	<b>Cooper, David Neil</b>	10-Jun-04	United Kingdom
20040115704	Constructs for gene expression analysis	<b>Daly, John;</b>	17-Jun-04	Australia
20040115715	Method of detection of alterations in MSH5	<b>Dana-Farber Cancer Institute, Inc.</b>	17-Jun-04	United States
20040106107	Integrin-linked kinase and its uses	<b>Dedhar, Shoukat</b>	3-Jun-04	Canada
20040121390	Method of preparing a standard diagnostic gene transcript pattern	<b>DIAGENIC AS</b>	24-Jun-04	Norway
20040121439	Enzymes involved in squalene metabolism	<b>E I DU PONT DE NEMOURS AND COMPANY</b>	24-Jun-04	United States
20040121440	Genes encoding sulfate assimilation proteins	<b>E I DU PONT DE NEMOURS AND COMPANY</b>	24-Jun-04	United States
20040121347	Isolation and expression of a gene for a nitrilase from <i>Acidovorax facilis</i> 72W	<b>E I DU PONT DE NEMOURS AND COMPANY</b>	24-Jun-04	United States

20040115625	Cancer gene determination and therapeutic screening using signature gene sets	<b>Ebner, Reinhard</b>	17-Jun-04	United States
20040121346	Designing and construction of transcription template for synthesizing cell-free protein, and dilution batch-type method of synthesizing cell-free wheat germ protein by using the same	<b>Endo, Yaeta</b>	24-Jun-04	Japan
20040110162	Primer extension methods for detecting nucleic acids	<b>EXACT SCIENCES CORPORATION</b>	10-Jun-04	United States
20040115811	Method for the selection of recombination clones comprising a sequence encoding an antidote protein to a toxic molecule	<b>Gabant, Philippe</b>	17-Jun-04	Belgium
20040110258	Method for metabolizing carbazole in petroleum	<b>Gas Technology Institute</b>	10-Jun-04	United States
20040110193	Methods for classification of biological data	<b>Gene Logic, Inc.</b>	10-Jun-04	United States
20040115812	Methods and nucleic acid vectors for rapid expression and screening of CDNA clones	<b>GeneCopoeia, Inc.</b>	17-Jun-04	United States
20040115714	Gene BRCC-2 and diagnostic and therapeutic uses thereof	<b>Georgetown University</b>	17-Jun-04	United States
20040121368	Polynucleotides, polypeptides and method for screening for useful dog candidates	<b>Gifu University</b>	24-Jun-04	Japan
20040106111	Assay	<b>Haley, Christopher Simon;</b>	3-Jun-04	United Kingdom
20040110187	In vitro transcription assay for T box antitermination system	<b>Henkin, Tina M.</b>	10-Jun-04	United States
20040115780	Process for the preparation of l-amino acids using strains of the enterobacteriaceae family which contain an attenuated aspa gene	<b>Hermann, Thomas</b>	17-Jun-04	Germany
20040115616	Stem-loop vector system	<b>Holton, Timothy Albert</b>	17-Jun-04	United States
20040115815	Single promoter system for making siRNA expression cassettes and expression libraries using a polymerase primer hairpin linker	<b>Immusol, Inc.</b>	17-Jun-04	United States
20040121332	Gene finding using ordered sets	<b>International Business Machines Corporation</b>	24-Jun-04	United States
20040115638	Modulation of tumor susceptibility gene 101 expression	<b>Isis Pharmaceuticals Inc</b>	17-Jun-04	United States

20040106193	Novel adenoviral vector and methods for making and using the same	<b>Kay, Mark A.</b>	3-Jun-04	United States
20040121365	Double and triple readout assay systems	<b>Kim, Tae Kook</b>	24-Jun-04	United States
20040115672	Use of electrical fields to control interactions between proteins and nucleic acid constructions immobilized on solid supports	<b>Levicky, Rastilav</b>	17-Jun-04	United States
20040115632	Methods and reaction mixture reagent for increasing the 3' end specificity of oligonucleotide priming	<b>Mautner, Martin Eduardo</b>	17-Jun-04	Argentina
20040121433	P153 and P156 antigens for the immunodiagnosis of canine and human ehrlichioses and uses thereof	<b>McBride, Jere W</b>	24-Jun-04	United States
20040115683	Analysis of gene expression and biological function using optical imaging	<b>Medford, June Iris</b>	17-Jun-04	United States
20040110281	Vector and a method for expression and selection of random peptide sequences	<b>Meinke, Andreas</b>	10-Jun-04	Austria
20040106194	Methods for propagating adenovirus and virus produced thereby	<b>MERCK AND CO INC</b>	3-Jun-04	United States
20040110232	Novel cark protein and nucleic acid molecules and uses therefor	<b>Millennium Pharmaceuticals, Inc</b>	10-Jun-04	United States
20040121349	Novel 27877, 18080, 14081, 32140, 50352, 16658, 14223, 16002, 50566, 65552 and 65577 molecules and uses therefor	<b>Millennium Pharmaceuticals, Inc.</b>	24-Jun-04	United States
20040115800	Selectable marker for genetically engineered cells and tissues	<b>Momparler, Richard L</b>	17-Jun-04	Canada
20040121384	PTPN11 (SHP-2) mutations and cancer	<b>Mount Sinai School of Medicine of New York University</b>	24-Jun-04	United States
20040121308	Paramyxoviruses comprising modified transcription start sequence	<b>Nagai, Yoshiyuki</b>	24-Jun-04	Japan
20040115682	Novel scavenger receptor class a protein	<b>Nakamura, Yusuke</b>	17-Jun-04	Japan
20040121465	Optimization of gene sequences of virus-like particles for expression in insect cells	<b>Novavax, Inc.</b>	24-Jun-04	United States

20040121392	Method for generating a gene library	<b>Novozymes A/S</b>	24-Jun-04	Denmark
20040121378	Diagnostic method of selecting appropriate cancer treatments and screening method of measuring reagents and curative medicines for cancer patients	<b>Ogoshi, Kyoji</b>	24-Jun-04	United States
20040110171	Method of examining ability to control nerve cell plasticity	<b>Ohe, Norishia</b>	10-Jun-04	Japan
20040115664	Method of testing anticancer agent-sensitivity of tumor cells	<b>Owa, Takashi;</b>	17-Jun-04	Japan
20040115699	Single nucleotide polymorphisms diagnostic for schizophrenia	<b>PHARMACIA &amp; UPJOHN</b>	17-Jun-04	United States
20040115816	Method of modifying the genome of gram-positive bacteria by means of a novel conditionally negative dominant marker gene	<b>Pompejus, Markus</b>	17-Jun-04	Germany
20040115814	Efficient generation of stable expression cell lines through the use of scorable homeostatic reporter genes	<b>Protein Design Labs, Inc.</b>	17-Jun-04	United States
20040115627	Compositions and methods for induction of proteins involved in xenobiotic metabolism	<b>Raucy, Judy</b>	17-Jun-04	United States
20040106103	Novel retrovirus associated with myelodysplastic syndromers and uses thereof	<b>Raza, Azra</b>	3-Jun-04	United States
20040106134	DCR-5 bone affecting ligand	<b>REGENERON PHARMACEUTICALS, INC</b>	3-Jun-04	United States
20040121348	Compositions and methods for treating pancreatic cancer	<b>Ribopharma AG</b>	24-Jun-04	Germany
20040115770	Polypeptides for increasing mutant CFTR channel activity	<b>Robbins, Paul D</b>	17-Jun-04	United States
20040110135	Method for producing linear DNA fragments for the in vitro expression of proteins	<b>Roche Diagnostics Corporation</b>	10-Jun-04	Germany
20040115684	Method for genotype determination	<b>ROCHE MOLECULAR SYSTEMS INC</b>	17-Jun-04	United States
20040115662	Novel fructosyl amino acid oxidase	<b>Sakaue, Ryoichi</b>	17-Jun-04	Japan

20040110197	Method of determining tumor characteristics by determining abnormal copy number or expression level of lipid-associated genes	<b>Skinner, Michael K</b>	10-Jun-04	United States
20040115675	Regulation of human transient receptor potential channel	<b>Smith, Timothy J</b>	17-Jun-04	United States
20040106123	Regulation of human g protein-coupled receptor	<b>Smolyar, Alex</b>	3-Jun-04	United States
20040115666	Method for identifying compounds modulating reverse cholesterol transport	<b>Staels, Bart</b>	17-Jun-04	Belgium
20040121428	Process for producing l-amino acid and novel gene	<b>Sugimoto, Masakazu</b>	24-Jun-04	Japan
20040121355	Estrogen receptor genes and utilization thereof	<b>Sumida, Kayo</b>	24-Jun-04	Japan
20040115765	Estrogen receptor genes and utilization thereof	<b>Sumida, Kayo</b>	17-Jun-04	Japan
20040121468	Methods for regulating bud-hypha transitions and cAMP levels by the adenylate cyclase-associated protein gene, CAP1	<b>Sundstrom, Paula</b>	24-Jun-04	United States
20040106173	Bot1: target for antifungal agents	<b>The University of Miami</b>	3-Jun-04	United States
20040106138	Methods for identifying subjects susceptible to ataxic neurological disease	<b>University of Washington</b>	3-Jun-04	United States
20040121381	Methods and compositions for screening ICRAC modulators	<b>WARNER-LAMBERT COMPANY</b>	24-Jun-04	Japan
20040106113	Prediction of estrogen receptor status of breast tumors using binary prediction tree modeling	<b>West, Mike</b>	3-Jun-04	United States
20040106122	Elongase promoters	<b>Wilmer, Jeroen Alexander</b>	3-Jun-04	United kingdom
20040121383	Compositions, organisms and methodologies employing a novel human kinase	<b>Wyeth</b>	24-Jun-04	United States
20040106200	Whole-body optical imaging of gene expression and uses thereof	<b>Yang, Meng</b>	3-Jun-04	United States
20040110209	Method for predicting transcription levels	<b>Yokota, Hiroki</b>	10-Jun-04	United States
20040115670	Regulation of human carboxypeptidase a	<b>Zhu, Zhimin;</b>	17-Jun-04	United States
20040115671	Gene expression profiling of endothelium in alzheimer's disease	<b>Zlokovic, Berislav V</b>	17-Jun-04	United States

<b>DATA PROCESSING</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20040117128	Methods, computer software products and systems for gene expression cluster analysis	<b>Affymetrix, INC</b>	17-Jun-04	United States
20040117127	Methods, computer software products and systems for clustering genes	<b>Affymetrix, INC.</b>	17-Jun-04	United States
20040111384	System and method for generating micro-array data classification model using radial basis functions	<b>Shin, Mi Young</b>	10-Jun-04	Korea

<b>DRUG</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20040109873	gM-negative EHV-mutants without heterologous elements	<b>Boehringer Ingelheim Vetmedica GmbH</b>	10-Jun-04	Germany
20040106538	Regulators of PPARdelta (beta) and their use in the treatment of obesity and insulin resistance	<b>BRISTOL-MYERS SQUIBB COMPANY</b>	3-Jun-04	United States
20040110674	Nucleic acid and corresponding protein entitled 205p1b5 useful in treatment and detection of cancer	<b>Challita-Eid, Pia M</b>	10-Jun-04	United States
20040116658	Human KAP/Cdi1-related gene variant associated with small cell lung cancer	<b>Dai, Ken-Shwo</b>	17-Jun-04	Taiwan
20040110716	Cancer gene therapy based on translational control of a suicide gene	<b>DeBenedetti, Arrigo</b>	10-Jun-04	United States
20040115201	Mitotic kinesin-like protein-1, MKLP1, and uses thereof	<b>Einat, Paz;</b>	17-Jun-04	Israel
20040110715	Polynucleotides and polypeptides of the IFNalpha-17 gene	<b>Escary, Jean-Louis</b>	10-Jun-04	France
20040106778	Interferon gamma-like protein	<b>Fagan, Richard Joseph</b>	3-Jun-04	United Kingdom
20040110733	Methods and agents for treating cardiovascular diseases	<b>Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V.</b>	10-Jun-04	Germany
20040110708	Binary hybrid mutational vectors	<b>Gamper, Howard B</b>	10-Jun-04	United States
20040105845	AAV vectors for gene therapy	<b>GENZYME CORPORATION</b>	3-Jun-04	United States
20040106571	Gene BRCC-3 and diagnostic and therapeutic uses thereof	<b>Georgetown University</b>	3-Jun-04	United States

20040110683	Cell proliferation factor Fwa267	<b>Hui, Rutai</b>	10-Jun-04	Chinca P Rep
20040116660	Process for the selection of hiv-1 subtype c Isolates, selected hiv-1 subtype c isolates, their genes and modifications and derivatives thereof	<b>Johnston, Robert Edward</b>	17-Jun-04	United States
20040106566	RNA-splicing and processing-directed gene silencing and the relative applications thereof	<b>Lin, Shi-Lung</b>	3-Jun-04	United States
20040105846	Polynucleotides encoding G protein-coupled receptors	<b>Lind, Peter</b>	3-Jun-04	Sweden
20040110696	GENE THERAPY SYSTEM AND METHOD USING ALPHA-MSH AND ITS DERIVATIVES	<b>Lipton, James M</b>	10-Jun-04	United States
20040105882	Medicament comprising HGF gene	<b>MedGene Bioscience, Inc.</b>	3-Jun-04	Japan
20040120964	Needleless vaccination using chimeric yellow fever vaccine-vectored vaccines against heterologous flaviviruses	<b>Mikszta, John A.</b>	24-Jun-04	United States
20040109843	Pharmaceutical composition containing decoy and use of the same	<b>Morishita, Ryuichi</b>	10-Jun-04	Japan
20040109877	Attenuated negative strand viruses with altered interferon antagonist activity for use as vaccines and pharmaceuticals	<b>Mount Sinai School</b>	10-Jun-04	United States
20040106565	Gene expression, genome alteration and reporter expression in myofibroblasts and myofibroblast-like cells	<b>Odenthal, Margarete</b>	3-Jun-04	Germany
20040109871	M cell directed vaccines	<b>Pascual, David W</b>	10-Jun-04	United States
20040120935	Genetically modified yt cell line and use thereof	<b>Pecher, Gabriele</b>	24-Jun-04	Geramy
20040115221	Intracellular delivery vehicles	<b>Portnoy, Daniel A.;</b>	17-Jun-04	United States
20040110792	Methods for assessing and treating leukemia	<b>Raponi, Mitch</b>	10-Jun-04	United States
20040120979	Delivery systems comprising biocompatible and bioerodable membranes	<b>Roessler, Blake J</b>	24-Jun-04	United States
20040116371	Methods for polysaccharide adhesion synthesis modulation	<b>Romeo, Tony</b>	17-Jun-04	United States
20040115186	Method and composition for inhibiting cancer cell growth	<b>Segal, Don</b>	17-Jun-04	United States
20040116665	Vaccine composition	<b>SMITHKLINE BEECHAM CORPORATION</b>	17-Jun-04	United States

20040120968	Methods for regulating bud-hypha transitions and cAMP levels in <i>Candida albicans</i>	<b>Sundstrom, Paula</b>	24-Jun-04	United States
20040110920	Novel g protein-coupled receptor protein and dna thereof	<b>TAKEDA PHARMACEUTICALS NORTH AMERICA, INC</b>	10-Jun-04	Japan
20040109844	Methods of treating age-related defects and diseases	<b>The Board of Trustees of the University of Illinois</b>	10-Jun-04	United States
20040116372	Therapy for cellular accumulation in chronic inflammatory diseases	<b>The Regents of the University of California</b>	17-Jun-04	United States
20040121976	Anti-inflammatory vectors	<b>TRANSGENE S.A.</b>	24-Jun-04	France
20040110706	Sodium-channel alpha1-subunit and their polypeptides and their treatment of generalised epilepsy with febrile seizures plus	<b>Wallace, Robyn Heather</b>	10-Jun-04	United States
20040116368	Methods for detecting and adjusting replication of hepatitis b virus and for preparing mutated virus strains with altered replication efficiency	<b>Wen, Yumei</b>	17-Jun-04	China P Rep.
20040110697	Nucleic acid injected into hepatic vein lumen and delivered to primate liver	<b>Wolff, Jon A</b>	10-Jun-04	United States
20040105853	Regulation of human epithin-like serine-protease	<b>Xiao, Yonghong</b>	3-Jun-04	United States

<b>MULTICELLULAR LIVING ORGANISMS</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20040123336	Method of modulating neutralizing antibodies formation in mammals, and uses thereof in gene therapy, animal transgenesis and in functional inactivation of endogenous proteins	<b>Abina, Amine</b>	24-Jun-04	France
20040111762	Method of producing diacylglycerol and gene for inactivating function of gene which encodes diacylglycerol acyltransferase	<b>Anai, Toyoaki</b>	10-Jun-04	Japan
20040123334	Methods of treating neurodegenerative diseases	<b>BETH ISRAEL DEACONESS MEDICAL CENTER</b>	24-Jun-04	United States
20040111760	Production of stilbenes in transgenic plants and the method of producing thereof	<b>Chia, Tet Fatt</b>	10-Jun-04	Singapore

20040123339	Nucleic acid molecules and other molecules associated with transcription in plants	<b>Conner, Timothy W</b>	24-Jun-04	United States
20040107462	Sucrose phosphate synthase	<b>E I DU PONT DE NEMOURS AND COMPANY</b>	3-Jun-04	United States
20040111767	Inhibitors of apoptosis proteins in plants	<b>E I DU PONT DE NEMOURS AND COMPANY</b>	10-Jun-04	United States
20040117875	Systems and methods for delivering interferon to a subject	<b>Gal-On, Amit</b>	17-Jun-04	Israel
20040111763	Novel elongase gene and method for producing multiple-unsaturated fatty acids	<b>Heinz, Ernst</b>	10-Jun-04	Germany
20040117868	Protein participating in restoration from cytoplasmic male sterility to fertility and gene encoding the same	<b>Imamura, Jun</b>	17-Jun-04	Japan
20040123348	Method for producing a plant with a high-growth rate	<b>Jang, In-Cheol</b>	24-Jun-04	South Korea
20040123350	A METHOD FOR INCREASING AN ABIOTIC-RESISTANCE IN MONOCOT PLANT	<b>Kim, Ju-Kon</b>	24-Jun-04	South Korea
20040107457	Molecular mechanisms for gene containment in plants	<b>Kuvshinov, Viktor</b>	3-Jun-04	Finland
20040123340	Nucleic acid molecules and other molecules associated with plants	<b>Monsanto Company</b>	24-Jun-04	United States
20040123338	Nucleic acid molecules and other molecules associated with plants	<b>Monsanto Company</b>	24-Jun-04	United States
20040123347	Water-deficit-inducible plant promoters	<b>MONSANTO COMPANY</b>	24-Jun-04	United States
20040123344	Novel gene encoding an f-box protein which regulates leaf longevity in arabidopsis thaliana and mutant gene thereof	<b>Nam, Hong Gil</b>	24-Jun-04	South Korea
20040111765	Production of urokinase in plant-based expression systems	<b>Oishi, Karen K.</b>	10-Jun-04	United States
20040123345	Maize metallothionein gene and promoter	<b>Pioneer Hi-Bred International, Inc</b>	24-Jun-04	United States
20040117865	Transgenic non-human mammal and method of constructing the same, animal disease model and method of clarifying gene function	<b>Takeda, Junji</b>	17-Jun-04	Japan

20040117876	Vegetative growth-specific promoter and genetically modified plants obtained thereby	<b>Tanaka, Hiroshi</b>	17-Jun-04	Japan
20040117864	Drosophila strain carrying bradeion gene(s) transferred thereinto	<b>Tanaka, Manami</b>	17-Jun-04	Japan
20040117866	Novel transgenic zebrafish, gene fragments and methods for producing transgenic zebrafish	<b>Tsai, Huai-Jen</b>	17-Jun-04	Taiwan
20040111766	Expression of human milk proteins in transgenic plants	<b>Ventria Bioscience</b>	10-Jun-04	United States
20040123349	SINAT5, an Arabidopsis thaliana gene promotes ubiquitin related degradation	<b>Xie, Qi</b>	24-Jun-04	Singapore
20040107456	Plant MYB proteins	<b>Yu, Su-May</b>	3-Jun-04	Taiwan

<b>ORGANIC COMPOUNDS</b>				
<b>Appl Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
20040106783	DNA fragments of the methylotrophic Pichia pastoris yeast ICL gene	<b>Diaz, Javier Menendez</b>	3-Jun-04	Cuba
20040110939	Complementary DNAs encoding proteins with signal peptides	<b>GENSET, S.A.</b>	10-Jun-04	France
20040116682	Nucleic acid molecules and other molecules associated with the carbon assimilation pathway	<b>Monsanto Company</b>	17-Jun-04	United States
20040106784	Socs (suppressor of cytokine signaling)	<b>Parodi, Luis A</b>	3-Jun-04	United Kingdom