

## February, 2004 - 66 Gene-related Patents Issued in 4 Major Categories

<b>CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY</b>				
<b>Patent Number</b>	<b>Title</b>	<b>Assignee</b>	<b>Date Issued</b>	<b>Country</b>
6,686,183	Process for the fermentative preparation of D-pantothenic acid and/or its salts	Degussa AG	03-Feb-04	Germany
6,689,586	Nucleotide sequences which code for the CcpA2 gene	Degussa AG	10-Feb-04	Germany
6,689,587	Polynucleotides encoding the nadC gene and methods of producing nicotinic acid or nicotinic acid derivatives	Degussa AG	10-Feb-04	Germany
6,689,592	Process for the enzymatic production of D-pantothenic acid and/or its salts	Degussa AG	10-Feb-04	Germany
6,692,946	Polynucleotides encoding the nadA gene and methods of producing nicotinic acid or nicotinic acid derivatives	Degussa AG	17-Feb-04	Germany
6,696,275	End selection in directed evolution	Diversa Corporation	24-Feb-04	United States
6,696,292	Genes encoding sulfate assimilation proteins	E. I. du Pont de Nemours and Company	24-Feb-04	United States
6,692,909	Coding sequence polymorphisms in vascular pathology genes	Whitehead Institute for Biomedical Research	17-Feb-04	United States
6,692,942	Single-chain polypeptides for targeted delivery of nucleic acids	Enzon, Inc.	17-Feb-04	United States
6,686,165	Recognition of tumor-specific gene products in cancer	Erasmus Universiteit Rotterdam	03-Feb-04	Netherlands
6,686,163	Coding sequence haplotype of the human BRCA1 gene	Gene Logic Inc.	03-Feb-04	United States
6,692,951	Secretion factors for gram-positive microorganisms, genes encoding them and methods of using it	Genencor International, Inc.	17-Feb-04	United States
6,696,280	Candida geranylgeranyl-protein transferase polypeptide, compositions and methods related thereto	GPC Biotech, Inc.	24-Feb-04	United States
6,696,272	Products and methods for gaucher disease therapy	HSC Research & Development Limited Partnership	24-Feb-04	United States
6,696,249	Method for screening for inhibitors and activators of type III secretion machinery in gram-negative bacteria	Institut Pasteur	24-Feb-04	France

6,696,254	Detection and identification of enteric bacteria	Kimberly-Clark Worldwide, Inc.	24-Feb-04	United States
6,689,606	Polynucleotide	M.L. Laboratories PLC	10-Feb-04	United Kingdom
6,692,913	Process for determining cell vitality	Max-Delbruck-Centrum fur Mdekular Medizin	17-Feb-04	Germany
6,689,589	Biological systems for manufacture of polyhydroxyalkanoate polymers containing 4-hydroxyacids	Metabolix, Inc.	10-Feb-04	United States
6,686,185	25934, a novel fatty acid desaturase and uses therefor	Millennium Pharmaceuticals, Inc.	03-Feb-04	United States
6,696,248	Protein/(poly)peptide libraries	Morphosys AG	24-Feb-04	Germany
38,442	(RE38,442) Nucleic acid amplification method hybridization signal amplification method (HSAM)	Mount Sinai School of Medicine	24-Feb-04	United States
6,696,294	Methods for generating and identifying mutant polyploid plants, and uses therefor	Northwest Plant Breeding Co.	24-Feb-04	United States
6,686,148	Methods for targeting RNA molecules	Nuvelo, Inc.	03-Feb-04	United States
6,689,578	Methods for the identification of inhibitors of 5-aminolevulinate synthase as antibiotics	Paradigm Genetics, Inc.	10-Feb-04	United States
6,696,278	Method for transfer of DNA segments	Stratagene	24-Feb-04	United States
6,696,271	Frozen tissue microarray technology for analysis of RNA, DNA, and proteins	The Regents of the University of California	24-Feb-04	United States
6,689,564	Mutations in IKK.gamma.	The Regents of the University of California	10-Feb-04	United States
6,689,561	Tumor suppressor gene and methods for detection of cancer, monitoring of tumor progression and cancer treatment	The Regents of the University of California	10-Feb-04	United States
6,689,560	Raf protein kinase therapeutics	The United States of America as represented by the Department of Health and	10-Feb-04	United States
6,692,964	Methods for transfecting T cells	The United States of America as represented by the Secretary of the Navy	17-Feb-04	United States
6,692,910	Inhibition of a target messenger RNA with a modified U1 small nuclear RNA	The University of Connecticut	17-Feb-04	United States

6,686,174	Method and constructs for inhibiting protein expression in bacteria	The University of Medicine and Dentistry of New Jersey	03-Feb-04	United States
6,692,956	Recombinant adenoviral vectors	Transgene S.A.	17-Feb-04	France
6,689,605	Controlling immune response to specific antigens	UAB Research Foundation	10-Feb-04	United States
6,686,200	Methods and compositions for the large scale production of recombinant adeno-associated virus	UAB Research Foundation	03-Feb-04	United States
6,686,153	PRV-1 gene and the use thereof	Universitätsklinikum Freiburg	03-Feb-04	Germany
6,692,955	HIV vaccine	University of Leeds	17-Feb-04	United Kingdom
6,696,279	Purified and isolated Mat II .beta. subunit nucleic acids and polypeptides and therapeutic and screening methods using same	University of Tennessee Research Foundation	24-Feb-04	United States
6,692,962	Plant translation methods and compositions related thereto	University of Wyoming	17-Feb-04	United States
6,696,267	Methods and compositions for screening Icrac modulators	Warner-Lambert Company	24-Feb-04	United States
6,692,943	Persephin and related growth factors	Washington University	17-Feb-04	United States
6,689,581	Potassium channel interactors and uses therefor	Wyeth	10-Feb-04	United States

## DRUG

Patent Number	Title	Assignee	Date Issued	Country
6,686,339	Nucleic acid molecules encoding inclusion membrane protein C of Chlamydia	Aventis Pasteur Limited	03-Feb-04	Canada
6,692,736	Cell-specific adenovirus vectors comprising an internal ribosome entry site	Cell Genesys, Inc.	17-Feb-04	United States
6,696,038	Cationic lipopolymer as biocompatible gene delivery agent	Expression Genetics, Inc.	24-Feb-04	United States
6,692,738	Delivery of therapeutic biologicals from implantable tissue matrices	The General Hospital Corporation	17-Feb-04	United States
6,685,943	Fibronectin binding protein compositions and methods of use	The Texas A&M University System	03-Feb-04	United States
6,689,367	Production of attenuated chimeric respiratory syncytial virus vaccines from cloned nucleotide sequences	The United States of America as represented by the Department of Health and	10-Feb-04	United States

6,692,737	In vivo protein production and delivery system for gene therapy	Transkaryotic Therapies, Inc.	17-Feb-04	United States
6,693,083	Conjugates targeted to the interleukin-2 receptor	Watson Pharmaceuticals, Inc.	17-Feb-04	United States
6,685,935	Vectors for the diagnosis and treatment of solid tumors including melanoma	Yale University	03-Feb-04	United States

### MULTICELLULAR LIVING ORGANISMS

Patent Number	Title	Assignee	Date Issued	Country
6,696,619	Plant aminoacyl-tRNA synthetases	Famodu; Omolayo O.	24-Feb-04	United States
6,696,622	Enhanced plant cell transformation by addition of host genes involved in T-DNA integration	Purdue Research Foundation	24-Feb-04	United States
6,689,936	Method for evaluating a compound for its effect on skin	The General Hospital Corp.	10-Feb-04	United States
6,689,940	Nucleic acid encoding the arabidopsis ELF3 protein and a method of using it to alter photoperiod in plants	The State of Oregon acting by and through the State Board of Higher	10-Feb-04	United States
6,686,513	Sugarcane ubi9 gene promoter sequence and methods of use thereof	The United States of America as represented by the Secretary of Agriculture	03-Feb-04	United States
6,693,228	Alteration of flowering time in plants	Wisconsin Alumni Research Foundation	17-Feb-04	United States

### ORGANIC COMPOUNDS

Patent Number	Title	Assignee	Date Issued	Country
6,686,459	Mch3, a novel apoptotic protease, nucleic acids encoding and methods of use	IDUN Pharmaceuticals, Inc.	03-Feb-04	United States
6,696,556	DNA molecule encoding a variant .alpha.2B-adrenoceptor protein, and uses thereof	OY Juvantia Pharma Ltd.	24-Feb-04	Finland

6,693,183	MURINE .alpha. (1,3) FUCOSYLTRANSFERASE FUCTVII, DNA ENCODING THE SAME, METHOD FOR PREPARING THE SAME, ANTIBODIES RECOGNIZING THE SAME, IMMUNOASSAYS FOR DETECTING THE SAME, PLASMIDS CONTAINING SUCH DNA, AND CELLS CONTAINING SUCH A PLASMID	The Regents of the University of Michigan	17-Feb-04	United States
6,696,560	Retinoblastoma-like RRB gene of arabidopsis thaliana	The United States of America as represented by the United States Department	24-Feb-04	United States







