

JANUARY, 2004 Patents Issued

| CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | | | | |
|--|--|--|--------------------|----------------|
| Patent No. | Title | Assignee | Date Issued | Country |
| 6,677,116.00 | Methods for treating cancer by modulating .beta.-catenin mediated gene expression | Adherex Technologies, Inc. | 13-Jan-04 | Canada |
| 6,673,579.00 | Methods and compositions for multiplex amplification of nucleic acids | Affymetrix, Inc. | 06-Jan-04 | United States |
| 6,673,576.00 | Process for producing nucleic acids | Ajinomoto Co., Inc. | 06-Jan-04 | Japan |
| 6,673,540.00 | Cell systems having specific interaction of peptide binding pairs | American Cyanamid Company | 06-Jan-04 | United States |
| 6,680,190.00 | Gene encoding phosphoglucoisomerase | Archer-Daniels-Midland Company | 20-Jan-04 | United States |
| 6,680,174.00 | Assay for growth differentiation factor 9 | Baylor College of Medicine | 20-Jan-04 | United States |
| 6,682,889.00 | Amplification and detection of organisms of the Chlamydiaceae family | Becton, Dickinson and Company | 27-Jan-04 | United States |
| 6,673,537.00 | Promoters from chlorella virus genes providing for expression of genes in prokaryotic and eukaryotic hosts | Board of Regents, University of Nebraska-Lincoln | 06-Jan-04 | United States |
| 6,677,117.00 | Human polyhomeotic 2 (hph2) acts as a tumor suppressor | Chiron Corporation | 13-Jan-04 | United States |
| 6,682,915.00 | Process for the fermentative preparation of D-pantothenic acid and/or its salts | Degussa AG | 27-Jan-04 | Germany |
| 6,680,186.00 | Nucleotide sequences which encode plsC gene | Degussa AG | 20-Jan-04 | Germany |
| 6,680,187.00 | Nucleotide sequences coding for the PTSI protein | Degussa AG | 20-Jan-04 | Germany |
| 6,673,567.00 | Method of determination of gene function | E. I. du Pont de Nemours and Compan | 06-Jan-04 | United States |
| 6,680,185.00 | Plant polyphenol oxidase homologs | E. I. du Pont de Nemours and Company | 20-Jan-04 | United States |
| 6,682,891.00 | Methods of identifying nucleic acid sequences encoding plant riboflavin synthase enzymes | E. I. du Pont de Nemours and Company | 27-Jan-04 | United States |
| 6,677,119.00 | Methods of detecting a colon cancer cell | Florida Atlantic University | 13-Jan-04 | United States |
| 6,677,156.00 | Non-adenoviral gene product-based complementing cells for adenoviral vectors | GenVec, Inc. | 13-Jan-04 | United States |
| 6,682,929.00 | Adenovector complementing cells | GenVec, Inc. | 27-Jan-04 | United States |

| | | | | |
|--------------|---|---|-----------|---------------|
| 6,673,573.00 | Expression of immunoglobulin-cytokine fusion proteins in malignant B cells | GSF-Forschungszentrum für Umwelt und Gesundheit | 06-Jan-04 | Germany |
| 6,682,908.00 | Mouse growth hormone secretagogue receptor | Merck & Co., Inc. | 27-Jan-04 | United States |
| 6,680,172.00 | Treatments and markers for cancers of the central nervous system | Regents of the University of Michigan | 20-Jan-04 | United States |
| 6,677,146.00 | Thermophilic polymerase III holoenzyme | Replidyne, Inc. | 13-Jan-04 | United States |
| 6,673,575.00 | Method for preparing polypeptides with appropriate glycosilation | Roche Diagnostics GmbH | 06-Jan-04 | Germany |
| 6,680,192.00 | Method for producing polymers having a preselected activity | Scripps Research Institute | 20-Jan-04 | United States |
| 6,682,930.00 | Triplex forming oligonucleotides and their use in anti-HBV | Shanghai Institute of Biochemistry | 27-Jan-04 | United States |
| 6,682,884.00 | Method and device for the rapid clinical diagnosis of hepatitis B virus (HBV) infection in biological samples | Sharma; Vijay | 27-Jan-04 | India |
| 6,673,611.00 | Nucleic acid molecules with novel chemical compositions capable of modulating gene expression | Sirna Therapeutics, Inc. | 06-Jan-04 | United States |
| 6,682,885.00 | Method for detecting mutations using an URA3 reporter gene | SRL, Inc. | 27-Jan-04 | Japan |
| 6,680,196.00 | Gene that is amplified and overexpressed in cancer and methods of use thereof | The Board of Regents of the University of Nebraska | 20-Jan-04 | United States |
| 6,680,198.00 | Engraftable human neural stem cells | The Children's Medical Center Corporation | 20-Jan-04 | United States |
| 6,673,534.00 | Methods for detection of mutations in myostatin variants | The Johns Hopkins University School of Medicine | 06-Jan-04 | United States |
| 6,673,587.00 | Histone deacetylase, and uses therefor | The Salk Institute for Biological Studies | 06-Jan-04 | United States |
| 6,677,152.00 | Reversal of cancer phenotype by inhibiting expression of prostate tumor inducing gene | The Trustees of Columbia University in the City of New York | 13-Jan-04 | United States |
| 6,682,910.00 | Human erythropoietin gene: high level expression in stably transfected mammalian cells | University of Washington | 27-Jan-04 | United States |
| 6,673,596.00 | In vivo biosensor apparatus and method of use | UT-Battelle, LLC | 06-Jan-04 | United States |

CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS

| Patent No. | Title | Assignee | Date Posted | Country |
|------------|-------|----------|-------------|---------|
|------------|-------|----------|-------------|---------|

| | | | | |
|--------------|--|--|-----------|---------------|
| 6,677,437.00 | Serine-threonine kinase gene | Chugai Seiyaku Kabushiki Kaisha | 13-Jan-04 | Japan |
| 6,673,898.00 | Placental organic anion transporter | Japan Science and Technology Corporation | 06-Jan-04 | Japan |
| 6,673,902.00 | Cyclin D binding factor, and uses thereof | St. Jude Children's Research Hospital | 06-Jan-04 | United States |
| 6,683,156.00 | Method for diagnosing selected adenocarcinomas | University of South Florida | 27-Jan-04 | United States |

| DRUG | | | | |
|-------------------|--|--|--------------------|----------------|
| Patent No. | Title | Assignee | Date Posted | Country |
| 6,673,768.00 | Transgenic animal models for cardiac hypertrophy and methods of use thereof (treating) | Board of Regents, The University of Texas System | 06-Jan-04 | United States |
| 6,677,298.00 | Regulators of PPAR.delta. (.beta.) and their use in the treatment of obesity and insulin resistance | Bristol-Myers Squibb Company | 13-Jan-04 | United States |
| 6,677,313.00 | Method for gene therapy using nucleic acid loaded polymeric microparticles | Brown University Research Foundation | 13-Jan-04 | United States |
| 6,683,046.00 | Purification and characterization of cytotoxic lymphocyte maturation factor and monoclonal antibodies thereto | Hoffmann-La Roche Inc | 27-Jan-04 | United States |
| 6,683,068.00 | 7, 9-substituted tetracycline compounds | Paratek Pharmaceuticals, Inc. | 27-Jan-04 | United States |
| 6,683,047.00 | Method of inhibiting transcription utilizing nuclear receptors | The Burnham Institute | 27-Jan-04 | United States |
| 6,677,312.00 | Methods for restoring wild-type p53 gene function | The Johns Hopkins University | 13-Jan-04 | United States |
| 6,682,729.00 | Method for introducing and expressing genes in animal cells, and live invasive bacterial vectors for use in the same | University of Maryland, Baltimore | 27-Jan-04 | United States |
| 6,673,776.00 | Expression of exogenous polynucleotide sequences in a vertebrate, mammal, fish, bird or human | Vical Incorporated | 06-Jan-04 | United States |
| 6,680,053.00 | Variable region of the monoclonal antibody against the HBV S-surface antigen and a gene encoding the same | Yuhan Corporation | 20-Jan-04 | Korea |

| MULTICELLULAR LIVING ORGANISMS | | | | |
|---------------------------------------|--------------|-----------------|--------------------|----------------|
| Patent No. | Title | Assignee | Date Posted | Country |

| | | | | |
|--------------|---|--------------------------------------|-----------|----------------|
| 6,677,505.00 | Promoter inducible in plants, sequence incorporating same and resulting product | Champagne Moer and Chandon | 13-Jan-04 | France |
| 6,673,988.00 | Plant lipases | E. I. du Pont de Nemours and Company | 06-Jan-04 | United States |
| 6,680,427.00 | Corn cDNAs encoding corn Mlo proteins | E. I. du Pont de Nemours and Company | 20-Jan-04 | United States |
| 6,680,428.00 | Isolated nucleic acids encoding methylenetetrahydrofolate dehydrogenase enzymes | E. I. du Pont de Nemours and Company | 20-Jan-04 | United States |
| 6,677,502.00 | Plant metabolism genes | E.I. du Pont de Nemours and Company | 13-Jan-04 | United States |
| 6,677,501.00 | P2X7 receptor-deficient mice and uses thereof | Pfizer, Inc. | 13-Jan-04 | United States |
| 6,683,232.00 | Production of .gamma. linolenic acid by a .DELTA.6-desaturase | Rhone-Poulenc Agrochimie | 27-Jan-04 | France |
| 6,680,429.00 | Starchless variety of pisum sativum having elevated levels of sucrose | Seminis Vegetable Seeds, Inc. | 20-Jan-04 | United States |
| 6,683,230.00 | Hybrid seed production | Syngenta Limited | 27-Jan-04 | United Kingdom |
| 6,673,989.00 | Soybean cultivar M800188 | Syngenta Participations AG | 06-Jan-04 | Switzerland |

ORGANIC COMPOUNDS

| Patent No. | Title | Assignee | Date Posted | Country |
|--------------|--|---|-------------|---------------|
| 6,683,168.00 | Genes and methods that modulate apoptosis | Boston Medical Center Corporation | 27-Jan-04 | United States |
| 6,673,911.00 | Human polyhomeotic 2 (hph2) acts as an oncogene | Chiron Corporation | 06-Jan-04 | United States |
| 6,673,914.00 | Human tumor-associated gene | John Wayne Cancer Institute | 06-Jan-04 | United States |
| 6,673,913.00 | GANP proteins | Kumamoto Technology & Industry Foundation | 06-Jan-04 | Japan |
| 6,683,172.00 | Mapkap kinase 2-inhibitors and the use thereof in anti-inflammatory therapy | Max-Delbruck-Centrum fur Molekulare Medizin | 27-Jan-04 | Germany |
| 6,673,909.00 | Oligonucleotides for dysferlin, a gene mutated in distal myopathy and limb girdle muscular dystrophy | The General Hospital Corporation | 06-Jan-04 | United States |
| 6,677,442.00 | Nucleic acid encoding human REV1 protein | University of Kentucky Research Foundation | 13-Jan-04 | United States |

SURGERY

| Patent No. | Title | Assignee | Date Posted | Country |
|------------|-------|----------|-------------|---------|
|------------|-------|----------|-------------|---------|

| | | | | |
|--------------|---|--|-----------|---------------|
| 6,673,039.00 | Compositions, kits, methods, and apparatus for transvascular delivery of a composition to an extravascular tissue of a mammal | Trustees of the University of Pennsylvania | 06-Jan-04 | United States |
| 6,678,556.00 | Electrical field therapy with reduced histopathological change in muscle | Genetronics, Inc. | 13-Jan-04 | United States |

