

Recent patents in pharmacogenomics

Patent #	Subject	Assignee	Inventor(s)	Priority application date	Publication date
US 6376225	A nucleic acid encoding a human phosphodiesterase (PDE) that is an alternative splice form of PDE2A; useful as a mode or target for the identification and development of therapeutic agents, for recombinant expression of PDE, for monitoring the effect of modulators, and in pharmacogenomics.	PE Corp. (Norwalk, CT)	Beasley EM Di Francesco V, Merkulov GV Wang X, Wei M	1/5/2001	4/23/2002
WO 200230562	An integrated biochip system that uses active and multi-force chips to carry out several sequential processing tasks such as separation, purification, and isolation; useful for biomedical applications such as medical diagnosis, genetic testing, prognostics, and pharmacogenomics.	AVIVA Biosciences (San Diego, CA)	Cheng J, Wang X, Wu L, Xu J, Yang W	10/10/2000	4/18/2002
WO 200226984	An isolated potassium-channel interactor polypeptide useful for treating central nervous-system disorders, epilepsy, spinocerebellar ataxia, cardiovascular disorders, and in screening assays, detection assays (chromosomal mapping, tissue typing, and forensic biology), and predictive medicine (diagnostic assays, prognostic assays, clinical-trial monitoring, and pharmacogenomics).	Millennium Pharmaceuticals (Cambridge, MA)	An W, Betty M, Ling H, Rhodes K	10/31/2000	4/4/2002
WO 200224894	A substantially isolated human protease-inhibitor protein (HPI), 86 amino acids long, that shares structural similarity with animal protease inhibitors and other animal proteins including serine protease inhibitors, follistatin, and ovomucoid inhibitors; useful for generating antibodies, as reagents in diagnostic assays, and in pharmacogenomics.	Lexicon Genetics (The Woodlands, TX)	Donoho G, Friddle CJ, Hilbun E	9/21/2000	3/28/2002
WO 200225528	A system for use in delivering decision-supported patient data to a clinician, comprising a knowledge module, a patient module, an inference module, and a user module. The system effectively gathers patient data without a lengthy examination of the patient and evaluates the data to identify known or unknown medical conditions.	TheraDoc.com (Salt Lake City, UT)	Baza ME, Boekweg RJ, Eardley DD, Evans SR, Harty WF Lu B, Olson JB, Pestotnik SL, Rubin MA, Samore MH, Sande MA, Skolnick MH, Stults BM, Tettelbach WH	9/21/2000	3/28/2002
WO 200222826	A library of nucleic acid-protein (NAP) conjugates comprising a fusion polypeptide with a nucleic-acid modification (NAM) enzyme and a candidate compound, and an expression vector with a fusion of nucleic acids encoding the NAM enzyme and the candidate protein; useful for detecting the presence of a target analyte in a sample, in screens, and in pharmacogenomic studies.	Xencor (Monrovia, CA)	Li M, Liu H, Melander C	9/14/2000	3/21/2002
WO 200220764	An isolated human transporter peptide whose sequence is selected from a fully defined sequence of 931 amino acids; useful in identifying modulators of transporter peptides, in pharmacogenomic analysis, or as a target for diagnosing a disease or predisposition to a disease mediated by the peptide.	PE Corp. (Norwalk, CT)	Beasley E, Bonazzi V, Chandramouliswaran I, Gan W Yan C	9/11/2001	3/14/2002
WO 200220832	A method for determining the presence or absence of a target nucleic acid in a sample by forming a hybridization complex of target and probe that is on the surface of a piezoelectric biosensor, and measuring a parameter of the biosensor to detect the target; useful in tumor diagnostics, transplantation analyses, genome diagnostics, pharmacogenomics, and gene expression analysis.	Atonomics (Copenhagen, Denmark)	Warthoe P	1/12/2001	3/14/2002
EP 1158058	A method of nucleic acid (NA) analysis that initiates contact of at least two NA samples having different radiolabels with an array of NAs, then detects the hybrids formed; used to detect and quantify a target NA for diagnosis, to monitor gene expression and compare expression patterns between different cell types, and in pharmacogenomics applications.	Centre National de la Recherche Scientifique (France)	Dumas S, Mallet J, Vujasinovic T	5/19/2000	11/28/2001

Source: Derwent Information, Alexandria, VA. The status of each application is slightly different from country to country. For further details, contact Derwent Information, 1725 Duke Street, Suite 250, Alexandria, VA 22314. Tel: 1 (800) DERWENT (info@derwent.com).