

## PATENTS

## Recent patents in arthritis research

Patent #	Subject	Assignee	Author	Date	Status
DE 19809978	Soluble member of tumor necrosis factor receptor family with antiarthritic, antitumor, and antiasthmatic activity.	BASF (Ludwig-shafen, Germany)	Kroeger B	9/16/1999	A1
US 5952197	Isolated nucleic acids encoding chemotactic cytokine III; useful for the prevention, diagnosis, and treatment of leukemia, inflammatory and autoimmune diseases, psoriasis, and for promoting wound healing.	Human Genome Sciences (Rockville, MD)	Dillon PJ, Gantz R, Ni J, Su J, Yu G	9/14/1999	A
WO 9944989	Thioamide-derived matrix metalloproteinase inhibitors for treating conditions involving tissue breakdown and inflammation, e.g., rheumatoid arthritis, osteoarthritis, and cancer.	Leo Pharm. Products (Ballerup, Denmark)	Christensen MK	9/10/1999	A1
WO 9944640	Use of a combination of a selective NMDA NR2B antagonist and a COX-2 inhibitor for treating acute or chronic pain with an inflammatory component, such as rheumatoid or osteoarthritis.	Merck Sharp & Dohme (Whitehouse Station, NJ)	Boyce S	9/10/1999	A1
WO 9943840	A chimeric polynucleotide consisting of a tissue necrosis factor promoter and an apoptosis-inducing Granzyme B polynucleotide, for treating inflammatory disorders, especially rheumatoid arthritis.	Boehringer-Ingelheim Pharm. (Ridgefield, CT)	Barton RW, Marlin SD, Tataka RJ	9/2/1999	A1
WO 9943834	P-selectin ligand fusion proteins used for treating arthritis, infections, asthma, diabetes, ulcerative colitis, or transplant rejection.	Genetics Institute (Cambridge, MA)	Camphausen R, Chang X, Cumming D, Davis M, Kumar R, Larsen GR, Sako DS, Shaw G, Veldman GM	9/2/1999	A2
WO 9943313	New 3H-1,2-dithiolo (4,3-d) pyrimidine-5,7-dione derivatives and analogs for use as anticancer, antiproliferative, and antiinflammatory agents.	Therex Technologies (Amherst, NY); State Univ. of NY Research Found. (Albany, NY)	Bardos TJ, Dunn JA, Kung HF	9/2/1999	A1
WO 9942436	Matrix metalloproteinase-inhibiting <i>N</i> -hydroxyamide derivatives used for treating inflammatory diseases including osteoarthritis, rheumatoid arthritis, and septic arthritis.	American Cyanamid (Wayne, NJ)	Baker JL, Davis JM, Grosu GT, Levin JI, Venkatesan AM	8/26/1999	A1
WO 9942101	The co-administration of an arachidonic acid metabolism inhibitor and gamma-linolenic acid to treat inflammatory diseases, including arthritis.	Wake Forest Univ. (Winston-Salem, NC)	Chilton FH	8/26/1999	A1
WO 9942075	An antibody that binds human CD40, for treating T cell-mediated disorders, collagen induced arthritis, and transplant rejection.	Bristol-Myers Squibb (Princeton, NJ)	Aruffo AA, Berry KK, Bajorath J, Harris LJ, Hollenbaugh D, Huse WD, Siadak AW, Thorne BA, Watkins JD, Wu H	8/26/1999	A2
WO 9941382	An interleukin-3 polypeptide useful for treating conditions requiring increases in numbers or differentiation of hematopoietic cells, e.g., immune disorders such as rheumatoid arthritis, or other conditions in which hematopoietic cell populations have been reduced/destroyed, e.g., due to radiation or chemotherapy.	Hyseq Inc. (Sunnyvale, CA)	Crkvenjakov R, Dickson M, Drmanac RT, Drmanac S, Ford J, Kita D, Labat I, Leshkowitz D	8/19/1999	A2
WO 9941369	An optimized multicomponent genetic vaccine for treating or preventing infectious disease, autoimmune diseases, immune deficiency, asthma, allergy, and cancer.	Maxygen Inc. (Redwood City, CA)	Howard R, Punnonen J, Stemmer WPC, Whalen RG	8/19/1999	A2
WO 9937605	New very late antigen-4 (VLA-4) antagonists for treating inflammatory, immune, or autoimmune disorders.	Novartis AG; Novartis-Erfindunger Ver. GmbH (Basel, Switzerland)	Von Matt PJ, Wattanasin S	7/29/1999	A1

Source: Derwent Information, Alexandria, VA. \*The patents in the table are pending. The status of each application is slightly different from country to country. For further details, contact Derwent Information, 1725 Duke St., Suite 250, Alexandria, VA 22314. Tel: 1 (800) DERWENT (info@derwent.com).