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(54) **Title:** POLYAMINE ANALOGS AS MODULATORS OF CELL MIGRATION AND CELL MOTILITY

(57) **Abstract:** This disclosure relates to methods of inhibiting cell motility or cell migration, and of treating diseases involving cell migration or cell motility, using polyamine analogs, such as conformationally restricted polyamine analogs. The diseases to be treated include immune disorders, inflammatory conditions, infection, abnormal immune responses, undesired angiogenesis, tumor cell metastasis or invasion, atherosclerosis, vascular graft occlusion, transplant rejection, other complications of transplants, glomerulonephritis, arthritis, inflammatory responses subsequent to stroke or ischemia, and asthma.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/05041

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 31/13(2006.01),31/131(2006.01),31/132(2006.01)
A61K 31/195(2006.01)

USPC: 514/579,611,654,664,674,974,824,826,860,861,900,902,885

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 514/579, 611, 654, 664, 674, 974, 824, 826, 860, 861, 900, 902, 885

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BACCHI et al., Novel Synthetic Polyamines Are Effective in the Treatment of Experimental Microsporidiosis, an Opportunistic AIDS-Associated Infection, Antimicrobial Agents and Chemotherapy, Jan 2002 Vol. 46 No. 1 pages 55-61, see abstract, see entire document, especially page 56, column 1 and page 57, column 1	1-7
X	WO 03/013245 A1 (WISCONSIN ALUMNI RESEARCH FOUNDATION) 20 February 2003 (20.02.2003) see entire document, especially pages 8-21.	1-7

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:			
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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International application No.
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Continuation of B.FIELDS SEARCHED - Item Electronic data base consulted during the international search (name of data base and, where practicable, search terms used):

STN, file reg, file MEDICINE, search terms: CGC 11099, CGC 11102, CGC 11144, CGC 11150, CGC 11172, CGC 11255, CGC 11288, CGC 11175, CGC 11226, CGC 11184, CGC 11177, INFLAMMATION, INFECTION, ENDOMETRIOSIS, IMMUNE, RESPONSE, ANGIOGENESIS, METASTASIS, ATHEROSCLEROSIS, VASCULAR, OCCLUSION, RESTENOSIS, TRANSPLANT, GLOMERULONEPHRITIS, ARTHRITIS, STROKE, INFLAMMATORY BOWEL DISEASE, GINGIVITIS, PERIODONTITIS, ASTHMA