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ning of each regular issue of the PCT Gazette.*

(54) Title: TREATMENT OF IMMUNE DISORDERS AND B CELL DISORDERS

(57) Abstract: The present invention provides materials and methods of using compositions comprising the IL-1Hyl polypeptide or inhibitors of IL-1Hyl activity for treatment of immune cell disorders.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/23845

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 39/00, 39/395; C07K 14/47, 14/545, 16/18, 16/24; G01N 33/53

US CL : 424/145.1, 85.2, 198.1; 530/351, 388.23, 387.9; 435/7.2

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. : 424/145.1, 85.2, 198.1; 530/351, 388.23, 387.9; 435/7.2

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	WO 00/08045 A2 (MILLENNIUM BIOTHERAPEUTICS, INC.) 17 February 2000, see entire document.	10, 11, 16, 17, 20, 21
X	WO 00/20595 A1 (ZYZOGENETICS, INC.) 13 April 2000, see entire document, esp. pages 28, 33, 35	1-12, 14-18, 20-22, 24-29, 31-35
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Y		13, 19, 23, 30, 36-38
X,P	US 6,294,655 B1 (FORD et al.) 25 September 2001, see entire document.	1-38
A	MULERO, J.J. et al. IL1HY1: a novel interleukin-1 receptor antagonist gene. Biochem. Biophys. Res. Commun., 1999, Vol. 263, pages 702-706, see entire document.	1-38
X	WO 99/51744 A2 (HYSEQ, INC.) 14 October 1999, see entire document, esp. page 6 and 74-76.	10-12, 14-18, 20-22, 24-28, 29, 31
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Y		13, 19, 23, 30, 36-38
Y	US 5,925,362 A (SPITLER et al.) 20 July 1999, col. 7.	13, 19, 30

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

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,275,814 A (WOJDANI) 04 January 1994, column 6.	23, 36-38
Y	US 5,998,578 A (AURON et al.) 07 December 1999, Column 5.	23, 36-38

INTERNATIONAL SEARCH REPORT

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Continuation of B. **FIELDS SEARCHED** Item 3:
MEDLINE, EAST
search terms: IL-1 inhibitor, IL-1ra, IL-1HY1