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(54) Title: CYTOTHERAPEUTICS, CYTOTHERAPEUTIC UNITS AND METHODS FOR TREATMENTS USING THEM

(57) Abstract: The present invention provides cytotherapeutic units comprising predetermined numbers of selected types of potent cells. Assurance of the nature and identities of such cells is achieved through assay and certification of said numbers and identities. Therapeutic modalities are provided. Libraries of cell preparations with assayed and preferably certified populations are preferred and the preparation of cell preparations tailored to specific patients or disease states are provided.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : A01N 63/00; A61K 48/00; C12N 5/00, 5/08, 15/00, 15/63 US CL : 424/93.1, 93.21; 435/325, 372, 455, 320.1		
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. : 424/93.1, 93.21; 435/325, 372, 455, 320.1		
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	US 2002/0132343 A1 (LUM) 19 September 2002 (19.09.2002), see Summary of the	1-10, 14-46, 50
---	Invention on page 2; page 6, paragraph 0057; page 10, paragraphs 0091-0093, and Figs. 1	-----
Y	and 3.	11-13, 47-49, 51-53
X	US 6,461,645 B1 (BOYSE et al) 08 October 2002 (08.10.2002), see the entire document,	1-53
A	especially col. 6, lines 46-67; col. 9, lines 14-42; col. 10, lines 49-58; col. 12, lines 41-	
A	WO 02/064755 A2 (ANTHROGENESIS CORPORATION) 22 August 2002 (22.08.2002),	1-53
A	see the entire document.	
	BARKER et al. Umbilical cord blood transplantation: current practice and future	1-53
	innovations. Critical Reviews in Oncology/Hematology. October 2003, Vol. 48, pages	
	35-43, see the entire document.	
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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"P"	document published prior to the international filing date but later than the priority date claimed	
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)872-9306		Authorized officer Quang Nguyen, Ph.D. <i>J. Roberts for</i> Telephone No. (571) 272-1600

INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

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