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(54) Title: CELL CULTURE MEDIUM COMPRISING TRANSITION METALS OR TRACE ELEMENTS

(57) Abstract: The present invention provides improved cell culture media, media supplements, methods of manufacture of said media and methods of culturing cells. Transition metals or trace elements are controlled in a manner to provide improved conditions for culturing cells. Also provided are methods for supplementing media to improve culture and the supplemented cell culture media.



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# INTERNATIONAL SEARCH REPORT

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : C12N 5/00; 02 US CL : 435/404, 325, 326 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 435/404, 325, 326 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		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,451,656 B1 (RABENHORST et al) 17.09.2002 (17.09.2002), abstract, column 2	1 - 68
X	US 6,528,286 B1 (RYLL) 04 March 2003 (04.03.2003), abstract, columns 2-7	1-68
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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"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	
Date of the actual completion of the international search 23 December 2005 (23.12.2005)		Date of mailing of the international search report <b>02 FEB 2006</b>
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. (571) 273-3201		Authorized officer Ruth A. Davis Telephone No. 703-308-1202

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Continuation of B. FIELDS SEARCHED Item 3:  
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