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(54) **Methods of isolating trophoblast cells from maternal blood**

(57) Methods for isolating trophoblast cells from pregnant women are provided. A central maternal blood

sample is obtained, typically from the uterine wall of a pregnant woman. The trophoblast cells are isolated from the central maternal blood sample.



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EUROPEAN SEARCH REPORT

Application Number
EP 01 11 0918

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	US 5 861 253 A (CUBBAGE MICHAEL LEE ET AL) 19 January 1999 (1999-01-19) * abstract * * column 5, line 1-30 * * column 11, line 63 - column 13, line 5 *	1,8,9, 11-14	
A	WO 94 19487 A (MEDIGENE INC) 1 September 1994 (1994-09-01) * page 3, paragraph 1 - page 4, paragraph 1; example 1 *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.7) C12N
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 10 August 2001	Examiner Mateo Rosell, A.M.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

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European Patent
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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
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X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

EPO FORM 1503 03.92 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 11 0918

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	从母体血液中分离滋养层细胞的方法		
公开(公告)号	EP1154016A3	公开(公告)日	2001-11-28
申请号	EP2001110918	申请日	2001-05-05
[标]申请(专利权)人(译)	罗氏诊断公司		
申请(专利权)人(译)	罗氏诊断有限公司 F.霍夫曼罗氏公司		
当前申请(专利权)人(译)	罗氏诊断有限公司 F.霍夫曼罗氏公司		
[标]发明人	MAHONEY WALTER SCHUELER PAULA YAMANISHI DOUGLAS		
发明人	MAHONEY, WALTER SCHUELER, PAULA YAMANISHI, DOUGLAS		
IPC分类号	G01N33/48 C12N5/073 G01N33/50 G01N33/53 C12N5/06 A61B8/00 C07K16/18		
CPC分类号	C12N5/0605 C12N2503/00		
优先权	09/569475 2000-05-12 US		
其他公开文献	EP1154016A2		
外部链接	Espacenet		

摘要(译)

提供了从孕妇中分离滋养层细胞的方法。通常从孕妇的子宫壁获得中央母体血液样品。从中央母体血液样品中分离出滋养层细胞。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (INCL.?)		
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D, A	LIPINSKI M ET AL. "HUMAN TROPHOBLAST CELL SURFACE ANTIGENS DEFINED BY MONOCLONAL ANTIBODIES" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 78, no. 8, 1981, pages 5147-5150, XP000984370 ISSN: 0027-8424 * the whole document *	1, 8, 9, 11, 14			
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-/-					
The present search report has been drawn up for all claims					
City of origin		Date of filing of the claim			
BERLIN		10 August 2001			
Name		Name			
		Mateo Rosell, A.M.			
<table border="0"> <tr> <td style="vertical-align: top;"> CATEGORY OF CITED DOCUMENTS A: particularly relevant to the invention B: relevant to the invention C: not relevant to the invention D: prior art E: non-patent literature F: unpublished document </td> <td style="vertical-align: top;"> CLASSIFICATION OF THE CLAIMS 1: reply to principle objection of the examiner 2: amendment of the claim 3: amendment of the claim 4: amendment of the claim 5: amendment of the claim 6: amendment of the claim </td> </tr> </table>				CATEGORY OF CITED DOCUMENTS A: particularly relevant to the invention B: relevant to the invention C: not relevant to the invention D: prior art E: non-patent literature F: unpublished document	CLASSIFICATION OF THE CLAIMS 1: reply to principle objection of the examiner 2: amendment of the claim 3: amendment of the claim 4: amendment of the claim 5: amendment of the claim 6: amendment of the claim
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