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(54) Title: INJECTABLE MICROSPHERES FOR TISSUE CONSTRUCTION

(57) Abstract: The present invention relates to injectable compositions comprising biocompatible, hydrophilic, non-toxic and substantially spherical microspheres associated with stem cells useful for tissue construction and generation. The invention also relates to methods of tissue construction and generation, for the treatment of various tissue damage and defects, using the injectable compositions.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/08528

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61L27/38 A61L27/60 A61L27/54 A61L31/00 A61L31/16
 A61L27/50

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)

IPC 7 A61L A61K C12N

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 practical, search terms used)

WPI Data, EPO-Internal, PAJ, BIOSIS, COMPENDEX, CHEM ABS Data, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 44643 A (BIOSEPPRA INC) 10 September 1999 (1999-09-10) page 4, line 24 -page 5, line 2 page 7, line 24 -page 8, line 2 page 12, line 3 - line 30 page 17, line 11 -page 18, line 22 examples claims	1-29
A	--- US 5 635 215 A (LAURENT ALEXANDRE ET AL) 3 June 1997 (1997-06-03) examples	1,16,17
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- * & * document member of the same patent family

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INTERNATIONAL SEARCH REPORT

International Application No

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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.
A	<p>WO 92 06702 A (UNIV NEW YORK) 30 April 1992 (1992-04-30) page 6, line 18 -page 7, line 22</p> <p style="text-align: center;">---</p>	
A	<p>LAURENT ALEXANDRE ET AL: "Trisacryl gelatin microspheres for therapeutic embolization, I: Development and in vitro evaluation." AJNR, vol. 17, no. 3, 1996, pages 533-540, XP001031867 ISSN: 0195-6108 the whole document</p> <p style="text-align: center;">---</p>	
A	<p>BEAUJEU Remy ET AL: "Trisacryl gelatin microspheres for therapeutic embolization, II: Preliminary clinical evaluation in tumors and arteriovenous malformations." AJNR, vol. 17, no. 3, 1996, pages 541-548, XP001031874 ISSN: 0195-6108 abstract page 541, right-hand column, paragraph 2</p> <p style="text-align: center;">-----</p>	

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Information on patent family members

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