

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 July 2006 (13.07.2006)

PCT

(10) International Publication Number
WO 2006/074308 A3

- (51) **International Patent Classification:**
A01N 63/00 (2006.01) *A01N 65/00* (2009.01)
- (21) **International Application Number:**
PCT/US2006/000334
- (22) **International Filing Date:** 6 January 2006 (06.01.2006)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
60/642,381 7 January 2005 (07.01.2005) US
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(81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- with sequence listing part of description published separately in electronic form and available upon request from the International Bureau

(88) **Date of publication of the international search report:**
9 April 2009

(54) **Title:** REGENERATION OF PANCREATIC ISLETS BY AMNIOTIC FLUID STEM CELL THERAPY

(57) **Abstract:** A method of treating diabetes in a mammalian subject is carried out by: (a) providing mammalian amniotic fluid stem cells, and then (b) administering the cells to the subject in an amount effective to treat diabetes. Optionally, the cells may be differentiated into pancreatic-like cells or at least treated to initiate subsequent differentiation into pancreatic-like cells, prior to administration.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/00334

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A01N 63/00(2006.01);A01N 65/00(2006.01)

USPC: 424/93.7

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. : 424/93.7

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/042405 A2 (ATALA et al.) 22 May 2003 (22.05.2003), paragraphs [008], [0011], [0016], [0025],[0042], [0043], [0048], [0056], [0084], [0086], [0099], [0100], and [0107]-[0109].	26-35
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Y		1-25
Y	US 2006/0216277 A1 (EFRAT) 28 September 2006 (28.09.2006), paragraphs [0002]-[0004], [0016], [0085], [0092], [0124], [0125], , [0131], [0143], and [0166].	1-25

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

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"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"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

06 June 2008 (06.06.2008)

Date of mailing of the international search report

23 JUN 2008

Name and mailing address of the ISA/US

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