

Title (en)
EMBRYONIC-LIKE STEM CELLS DERIVED FROM POST-PARTUM MAMMALIAN PLACENTA AND USES AND METHODS OF TREATMENT USING SAID CELLS

Title (de)
EMBRYOARTIGE STAMMZELLEN AUS DER POST PARTUM PLAZENTA VON SÄUGETIEREN SOWIE ANWENDUNGSZWECKE UND BEHANDLUNGSVERFAHREN, BEI DENEN DIESE ZELLEN VERWENDET WERDEN

Title (fr)
CELLULES SOUCHES DE TYPE EMBRYONNAIRE DERIVEES DE PLACENTA MAMMALIEN POST-PARTUM, UTILISATIONS, ET PROCEDES DE TRAITEMENT A BASE DE CELLULES DE CE TYPE

Publication
EP 1482787 A4 20060215 (EN)

Application
EP 03739817 A 20030213

Priority

- US 0304539 W 20030213
- US 7618002 A 20020213
- US 43729202 P 20021231

Abstract (en)
[origin: WO03068937A2] The present invention provides compositions and methods of using embryonic-like stem cells that originate from a post-partum placenta with conventional cord blood compositions or other stem or progenitor cells. The embryonic-like stem cells can be used alone or in a mixture with other stem cell populations. In accordance with the present invention, the embryonic-like stem cells may be mixed with other stem cell populations, including but not limited to, umbilical cord blood, fetal and neonatal hematopoietic stem cells and progenitor cells, human stem cells and progenitor cells derived from bone marrow. The embryonic-like stem cells and the mixed populations of embryonic-like stem cells and stem cells have a multitude of uses and applications, including but not limited to, therapeutic uses for transplantation and treatment and prevention of disease, and diagnostic and research uses.

IPC 1-7
A01N 1/02; C12N 5/02

IPC 8 full level
A61K 35/28 (2006.01); **A61K 35/48** (2006.01); **A61P 3/10** (2006.01); **A61P 9/00** (2006.01); **A61P 9/10** (2006.01); **A61P 17/02** (2006.01); **A61P 19/00** (2006.01); **A61P 21/00** (2006.01); **A61P 25/00** (2006.01); **A61P 25/02** (2006.01); **A61P 25/28** (2006.01); **A61P 29/00** (2006.01); **A61P 37/06** (2006.01); **C12N 5/02** (2006.01); **C12N 5/06** (2006.01); **C12N 5/073** (2010.01); **C12N 5/074** (2010.01); **C12N 5/08** (2006.01); **A61K 35/12** (2006.01)

CPC (source: EP KR)
A61K 35/28 (2013.01 - EP); **A61K 35/50** (2013.01 - EP); **A61K 35/51** (2013.01 - EP); **A61K 35/545** (2013.01 - EP); **A61P 3/10** (2017.12 - EP); **A61P 7/00** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 17/02** (2017.12 - EP); **A61P 19/00** (2017.12 - EP); **A61P 21/00** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/02** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C12N 5/06** (2013.01 - KR); **C12N 5/0602** (2013.01 - KR); **C12N 5/0605** (2013.01 - EP); **C12N 5/0607** (2013.01 - EP); **A61M 2202/0462** (2013.01 - EP)

Citation (search report)

- [Y] WO 0121767 A2 20010329 - MORPHOGEN PHARMACEUTICALS INC [US]
- [PY] WO 02064755 A2 20020822 - ANTHROGENESIS CORP [US]
- [PY] WO 0246373 A1 20020613 - HARIRI ROBERT J [US]
- [Y] CHEN J ET AL: "Intravenous administration of human umbilical cord blood reduces behavioral deficits after stroke in rats.", STROKE; A JOURNAL OF CEREBRAL CIRCULATION. NOV 2001, vol. 32, no. 11, November 2001 (2001-11-01), pages 2682 - 2688, XP002354543, ISSN: 1524-4628
- See references of WO 03068937A2

Citation (examination)
QIAN YE ET AL: "Recovery of placental-derived adherent cells with mesenchymal stem cell characteristics", BLOOD, vol. 98, 2001, pages 147B, XP009026843

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03068937 A2 20030821; WO 03068937 A3 20040422; AU 2003216286 A1 20030904; AU 2003216286 B2 20080828; AU 2008249204 A1 20081218; AU 2008249204 B2 20110310; CA 2476553 A1 20030821; EP 1482787 A2 20041208; EP 1482787 A4 20060215; IL 163439 A 20110331; IL 207763 A0 20101230; IL 207763 A 20140731; JP 2005517402 A 20050616; JP 2010059193 A 20100318; KR 101176146 B1 20120822; KR 20040094426 A 20041109; KR 20110036114 A 20110406; MX PA04007732 A 20041015; NZ 534643 A 20100625; ZA 200406356 B 20060628

DOCDB simple family (application)
US 0304539 W 20030213; AU 2003216286 A 20030213; AU 2008249204 A 20081125; CA 2476553 A 20030213; EP 03739817 A 20030213; IL 16343904 A 20040810; IL 20776310 A 20100824; JP 2003568052 A 20030213; JP 2009258822 A 20091112; KR 20047012604 A 20030213; KR 20117003297 A 20030213; MX PA04007732 A 20030213; NZ 53464303 A 20030213; ZA 200406356 A 20040811