

Title (en)
BLOOD-BORNE MESENCHYMAL CELLS

Title (de)
MESENCHYMZELLEN AUS BLUT

Title (fr)
CELLULES MESENCHYMATEUSES A DIFFUSION HEMATOGENE

Publication
EP 0759070 A4 19980311 (EN)

Application
EP 94913910 A 19940316

Priority
US 9402850 W 19940316

Abstract (en)
[origin: WO9525164A1] The present invention relates to a population of blood borne mammalian cells that express a unique profile of surface markers that includes certain markers typical of connective tissue fibroblasts, and are referred to herein as "blood-borne mesenchymal cells". In particular, it relates to the isolation, characterization and uses of such blood-borne mesenchymal cells. The cells of the present invention can be distinguished from peripheral blood leukocytes by their distinct size, morphology, cell surface phenotype and biologic activities, and are likewise distinguishable from connective tissue fibroblasts by other surface phenotypic markers. These cells proliferate in culture, and in vivo, as demonstrated in animal models, are capable of migrating into wound sites from the blood. Therefore, such blood-borne mesenchymal cells may have a wide range of applications, including, but not limited to, the promotion of wound healing, tissue remodeling, and for gene therapy.

IPC 1-7
C12N 5/08

IPC 8 full level
G01N 33/53 (2006.01); **A61P 17/00** (2006.01); **C12N 5/0775** (2010.01); **C12N 15/09** (2006.01); **G01N 33/569** (2006.01); **A61K 35/12** (2015.01); **A61K 48/00** (2006.01)

CPC (source: EP KR)
A61P 17/00 (2017.12 - EP); **C12N 5/0634** (2013.01 - KR); **C12N 5/0665** (2013.01 - EP); **G01N 33/56966** (2013.01 - EP); **A61K 48/00** (2013.01 - EP); **A61K 2035/124** (2013.01 - EP); **C12N 2501/22** (2013.01 - EP)

Citation (search report)

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- See references of WO 9525164A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9525164 A1 19950921; AU 6588494 A 19951003; AU 693441 B2 19980702; EP 0759070 A1 19970226; EP 0759070 A4 19980311; JP H09510348 A 19971021; KR 100352057 B1 20030124; KR 970701777 A 19970412

DOCDB simple family (application)
US 9402850 W 19940316; AU 6588494 A 19940316; EP 94913910 A 19940316; JP 52399595 A 19940316; KR 19960705117 A 19960916