

Title (en)

NEONATAL STROMAL CELLS HAVING LOW MHC-I EXPRESSION AND USES THEREOF

Title (de)

NEONATALE STROMAZELLEN MIT NIEDRIGER MHC-I-EXPRESSION UND VERWENDUNGEN DAVON

Title (fr)

CELLULES STROMALES NEONATALES PRESENTANT UNE FAIBLE EXPRESSION DU CMH-I ET LEURS UTILISATIONS

Publication

**EP 3818145 A1 20210512 (FR)**

Application

**EP 19756214 A 20190702**

Priority

- EP 18305853 A 20180702
- FR 2019051638 W 20190702

Abstract (en)

[origin: WO2020008139A1] The invention relates to a population of neonatal stromal cells (NSC) showing low MHC-I (MHC-IIlow) expression and optionally high CD90 expression, a pharmaceutical composition and an injectable solution comprising said NSC population, as well as a method for obtaining said composition from neonatal tissue. The invention also relates to the advantageous use of said cell population in regenerative, veterinary or human medicine, more specifically in the treatment of osteoarthritis and chronic inflammatory diseases and more generally for treating tissue lesions, degenerative diseases, autoimmune diseases, infectious diseases with or without an inflammatory component, or for treating graft rejection and tumour diseases.

IPC 8 full level

**C12N 5/0775** (2010.01); **A61K 35/51** (2015.01); **C12N 5/073** (2010.01)

CPC (source: EP US)

**A61K 9/0019** (2013.01 - US); **A61K 9/08** (2013.01 - US); **A61K 35/50** (2013.01 - US); **A61K 35/51** (2013.01 - US); **A61P 1/00** (2017.12 - US); **A61P 7/00** (2017.12 - US); **A61P 19/02** (2017.12 - US); **C12N 5/0605** (2013.01 - EP US); **C12N 5/0665** (2013.01 - EP US); **A61K 35/51** (2013.01 - EP); **C12N 2501/115** (2013.01 - EP)

Citation (search report)

See references of WO 2020008139A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020008139 A1 20200109**; EP 3818145 A1 20210512; US 2021269768 A1 20210902

DOCDB simple family (application)

**FR 2019051638 W 20190702**; EP 19756214 A 20190702; US 201917257383 A 20190702