

Title (en)

METHOD FOR THE CRYOPRESERVATION OF CELLS FOR THERAPEUTIC PURPOSES

Title (de)

VERFAHREN ZUR KRYOKONSERVIERUNG VON ZELLEN FÜR THERAPEUTISCHE ZWECKE

Title (fr)

PROCÉDÉ DE CRYOCONSERVATION DE CELLULES À VISÉE THÉRAPEUTIQUE

Publication

**EP 3716762 A1 20201007 (FR)**

Application

**EP 18826418 A 20181127**

Priority

- FR 1761213 A 20171127
- FR 2018053012 W 20181127

Abstract (en)

[origin: WO2019102172A1] The present invention relates to a composition comprising, in a physiologically acceptable environment: a) at least one saccharide, b) at least one amino acid, c) DMSO or at least one alkanediol in C3-C5, d) at least one antioxidant, and e) cells for therapeutic purposes, said composition having a pH between 7.0 and 8.5 inclusive, preferably between 7.0 and 8.3. It also relates to a method of cryopreservation of at least one sample of cells for therapeutic purposes, comprising the following steps: i) mixture of the sample of cells for therapeutic purposes with ingredients a) to d) above and a physiologically acceptable environment, so as to obtain a composition with a pH between 7.0 and 8.5 inclusive, preferably between 7.0 and 8.3, then ii) freezing of the composition obtained in step i).

IPC 8 full level

**A01N 1/02** (2006.01); **A61K 35/15** (2015.01); **A61K 35/17** (2015.01); **A61K 35/22** (2015.01); **A61K 35/33** (2015.01); **A61K 35/34** (2015.01); **A61K 47/02** (2006.01); **A61K 47/10** (2017.01); **A61K 47/18** (2017.01); **A61K 47/20** (2006.01); **A61K 47/26** (2006.01); **A61K 47/42** (2017.01)

CPC (source: EP US)

**A01N 1/0221** (2013.01 - EP US); **A61K 9/19** (2013.01 - EP); **A61K 35/15** (2013.01 - EP); **A61K 35/17** (2013.01 - EP); **A61K 35/28** (2013.01 - EP); **A61K 35/33** (2013.01 - EP); **A61K 35/34** (2013.01 - EP); **A61K 47/183** (2013.01 - EP US); **A61K 47/20** (2013.01 - EP US)

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 2019102172 A1 20190531**; EP 3716762 A1 20201007; FR 3074018 A1 20190531; FR 3074018 B1 20200911; US 11785937 B2 20231017; US 2021244016 A1 20210812

DOCDB simple family (application)

**FR 2018053012 W 20181127**; EP 18826418 A 20181127; FR 1761213 A 20171127; US 201816766900 A 20181127