

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
07 October 2021 (07.10.2021)



(10) International Publication Number
WO 2021/198517 A1

(51) International Patent Classification:

A61K 35/28 (2015.01) C12N 5/0775 (2010.01)

A61P 15/08 (2006.01)

(21) International Application Number:

PCT/EP2021/058809

(22) International Filing Date:

02 April 2021 (02.04.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20168012.1 03 April 2020 (03.04.2020) EP

(71) Applicant: **INOCELLS B.V.** [NL/NL]; Gaetano Martino-
laan 63a, 6229 GS Maastricht (NL).

(72) Inventors: **AHMAD AKHONDI, Mohammad Mehdi**;
Gaetano Martinolaan 63a, 6229 GS Maastricht (NL). **AI**,
Jafar; Gaetano Martinolaan 63a, 6229 GS Maastricht (NL).
EBRAHIMI BAROUGH, Somayeh; Gaetano Martino-
laan 63a, 6229 GS Maastricht (NL). **MOHAMMADI**,
Zohreh; Gaetano Martinolaan 63a, 6229 GS Maastricht
(NL).

(74) Agent: **RENKEMA, Jaap**; Post Office Box 593, 6160 AN
Geleen (NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: COMPOSITION

(57) Abstract: The invention relates to a composition comprising endometrial especially mesenchymal stem cells (EnMSC) for use in a method for the treatment of poor ovarian response and a method for banking endometrial especially mesenchymal stem cells.

WO 2021/198517 A1