

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

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
24 February 2022 (24.02.2022)



(10) International Publication Number
WO 2022/038250 A1

(51) International Patent Classification:

C12P 21/02 (2006.01) C12N 5/07 (2010.01)

C07K 16/00 (2006.01)

Published:

- with international search report (Art. 21(3))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE

(21) International Application Number:

PCT/EP2021/073094

(22) International Filing Date:

19 August 2021 (19.08.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2012991.2 20 August 2020 (20.08.2020) GB

(71) Applicant: **UCB BIOPHARMA SRL** [BE/BE]; Allée de la Recherche, 60, 1070 Brussels (BE).

(72) Inventors: **BEN YAHIA, Bassem**; c/o IPD, UCB Bioharma SRL, 60 Allée de la Recherche, 1070 Brussels (BE).
PIEDNOIR, Antoine Philippe Thomas; c/o IPD, UCB Bioharma SRL, 60 Allée de la Recherche, 1070 Brussels (BE).

(74) Agent: **UCB INTELLECTUAL PROPERTY**; C/O UCB, 208 Bath Road, Slough Berkshire SL1 3WE (GB).

(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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

(54) Title: CELL CULTURE PROCESSES

(57) Abstract: The present invention belongs to the field of the manufacture of recombinant proteins, particularly proteins, such as antibodies.



WO 2022/038250 A1