

(12) International Application Status Report

Received at International Bureau: 07 September 2018 (07.09.2018)

Information valid as of: 08 February 2019 (08.02.2019)

Report generated on: 21 July 2019 (21.07.2019)

(10) Publication number:

WO2019/046233

(43) Publication date:

07 March 2019 (07.03.2019)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/US2018/048240

(22) Filing Date:

28 August 2018 (28.08.2018)

(25) Filing language:

English (EN)

(31) Priority number(s):

62/551,839 (US)

(31) Priority date(s):

30 August 2017 (30.08.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

C12Q 1/6883 (2018.01)

(71) Applicant(s):

BRISTOL-MYERS SQUIBB COMPANY [US/US]; Route 206 and Province Line Road Princeton, New Jersey 08543 (US) (*for all designated states*)

(72) Inventor(s):

CARMAN, Julie; c/o Bristol-Myers Squibb Company Route 206 and Province Line Road Princeton, New Jersey 08543 (US)
HU, Yanhua; c/o Bristol-Myers Squibb Company Route 206 and Province Line Road Princeton, New Jersey 08543 (US)

(74) Agent(s):

PARLET, Nickki L.; Bristol-Myers Squibb Company Route 206 and Province Line Road Princeton, New Jersey 08543 (US)

(54) Title (EN): A METHOD TO MONITOR PHARMACODYNAMIC RESPONSES MEDIATED BY IN VIVO ADMINISTRATION OF GLUCOCORTICOIDS

(54) Title (FR): PROCÉDÉ DE SURVEILLANCE DE RÉPONSES PHARMACODYNAMIQUES MÉDIÉES PAR L'ADMINISTRATION IN VIVO DE GLUCOCORTICOÏDES

(57) Abstract:

(EN): The present invention relates generally to a method of monitoring pharmacodynamic responses mediated by in vivo administration of glucocorticoids. More specifically, the present invention relates to a method of using a change in gene signature as a pharmacodynamic marker of glucocorticoid exposure.

(FR): La présente invention concerne de manière générale un procédé de surveillance de réponses pharmacodynamiques médiées par l'administration in vivo de glucocorticoïdes. La présente invention concerne plus particulièrement un procédé d'utilisation d'un changement de signature génique en tant que marqueur pharmacodynamique d'exposition aux glucocorticoïdes.

International search report:

Received at International Bureau: 24 January 2019 (24.01.2019) [EP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

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, 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, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : 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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM

Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America