

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number

WO 2020/205626 A9

(43) International Publication Date
08 October 2020 (08.10.2020)

WIPO | PCT

(51) International Patent Classification:

G01N 33/574 (2006.01) *C07K 14/705* (2006.01)
A61K 39/00 (2006.01) *C12N 5/071* (2010.01)
A61K 39/395 (2006.01) *C12Q 1/6886* (2018.01)

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).

(21) International Application Number:

PCT/US2020/025471

(22) International Filing Date:

27 March 2020 (27.03.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/826,904 29 March 2019 (29.03.2019) US
63/000,466 26 March 2020 (26.03.2020) US

Published:

- with international search report (Art. 21(3))
- with sequence listing part of description (Rule 5.2(a))

(48) Date of publication of this corrected version:

15 July 2021 (15.07.2021)

(15) Information about Correction:

see Notice of 15 July 2021 (15.07.2021)

Previous Correction:

see Notice of 17 June 2021 (17.06.2021)

(71) Applicant (for all designated States except AL, AT, BE, BG, CH, CN, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IN, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR): **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).

(71) Applicant (for AL, AT, BE, BG, CH, CN, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IN, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR only): **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, 4070 Basel (CH).

(72) Inventors: **MARTINEZ-MARTIN, Nadia**; 1 Dna Way, South San Francisco, CA 94080-4990 (US). **TURLEY, Shannon, J.**; 1 Dna Way, South San Francisco, CA 94080-4990 (US). **VERSCHUEREN, Erik**; 1 Dna Way, South San Francisco, CA 94080-4990 (US).

(74) Agent: **ELBING, Karen, L.**; Clark & Elbing LLP, 101 Federal Street, 15th Floor, Boston, MA 02110 (US).

(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, 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,

(54) Title: MODULATORS OF CELL SURFACE PROTEIN INTERACTIONS AND METHODS AND COMPOSITIONS RELATED TO SAME

(57) Abstract: Provided herein are methods for identifying modulators of cell surface protein interactions and activities, as well as modulators of cell surface protein interactions and activities.

WO 2020/205626 A9