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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 September 2021 (23.09.2021)

WIPO | PCT

(10) International Publication Number
WO 2021/188887 A2

(51) International Patent Classification:
A61K 38/46 (2006.01)

(21) International Application Number:
PCT/US2021/023141

(22) International Filing Date:
19 March 2021 (19.03.2021)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/992,819 20 March 2020 (20.03.2020) US

(71) Applicant: **SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE** [US/US]; 10901 North Torrey Pines Road, La Jolla, California 92037 (US).

(72) Inventors: **MOSCAT, Jorge**; 10901 North Torrey Pines Road, La Jolla, California 92037 (US). **DIAZ-MECO, Maria T.**; 10901 North Torrey Pines Road, La Jolla, California 92037 (US). **DURAN, Angeles**; 10901 North Torrey Pines Road, La Jolla, California 92037 (US). **NAKANISHI, Yuki**; 10901 North Torrey Pines Road, La Jolla, California 92037 (US).

(74) Agent: **LEACHMAN, Nathaniel T.**; WILSON SONSINI, 650 Page Mill Road, Palo Alto, California 94304 (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, 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.

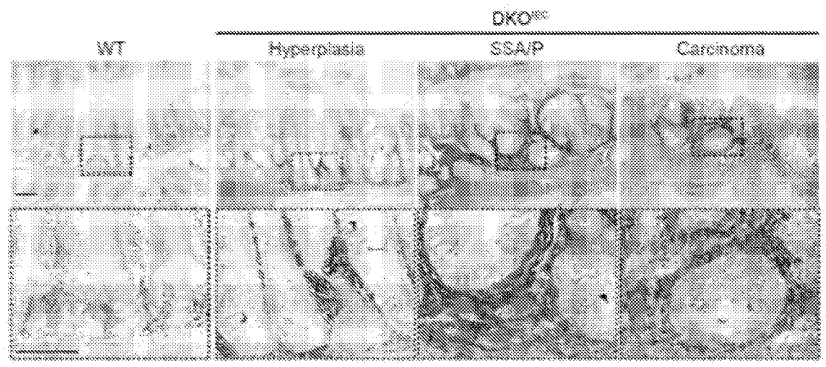
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, 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))*

Published:
— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(54) Title: COMPOSITIONS AND METHODS FOR TREATING SERRATED COLORECTAL CANCER

FIG. 15



(57) Abstract: Disclosed herein are methods for identifying a subject as having serrated colorectal cancer (CRC), and models of human serrated CRC. Also provided herein are methods for treating serrated CRC in the subject.

WO 2021/188887 A2