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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
17 September 2015 (17.09.2015)

WIPO | PCT

(10) International Publication Number
WO 2015/136016 A2

(51) **International Patent Classification**:
A61K 31/397 (2006.01)

(21) **International Application Number**:
PCT/EP2015/055119

(22) **International Filing Date**:
12 March 2015 (12.03.2015)

(25) **Filing Language**: English

(26) **Publication Language**: English

(30) **Priority Data**:
61/952,812 13 March 2014 (13.03.2014) US

(71) **Applicants**: **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH). **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, California 94080 (US).

(72) **Inventors**: **HAGER, Jeffrey H.**; 12780 El Camino Real, Suite 302, San Diego, California 92130 (US). **CHOW MANEVAL, Edna**; 12780 El Camino Real, Suite 302, San Diego, California 92130 (US). **SMITH, Nicholas D.**; 12780 El Camino Real, Suite 302, San Diego, California 92130 (US). **FRIEDMAN, Lori**; 1 DNA Way, South San Francisco, California 94080 (US). **SAMPATH, Deepak**; 1 DNA Way, South San Francisco, California 94080 (US).

(74) **Agent**: **HAEFELE RACIN, Thomas**; Grenzacherstrasse 124, CH-4070 Basel (CH).

(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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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.

(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:

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

WO 2015/136016 A2

(54) **Title**: THERAPEUTIC COMBINATIONS WITH ESTROGEN RECEPTOR MODULATORS

(57) **Abstract**: Described herein are therapeutic combinations with estrogen receptor modulators for treating diseases or conditions that are mediated or dependent upon estrogen receptors.