



(51) International Patent Classification:

A61K 35/51 (2015.01) *A61K 38/18* (2006.01)
A61K 35/12 (2015.01) *A61P 27/02* (2006.01)

(21) International Application Number:

PCT/US2015/063923

(22) International Filing Date:

4 December 2015 (04.12.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/088,429 5 December 2014 (05.12.2014) US
62/126,370 27 February 2015 (27.02.2015) US
62/220,873 18 September 2015 (18.09.2015) US

(71) Applicant: **JANSSEN BIOTECH, INC.** [US/US];
800/850 Ridgeview Drive, Horsham, PA 19044 (US).

(72) Inventors: **HARRIS, Ian**; 1400 McKean Road, Spring
House, Pennsylvania 19477 (US). **DEJNEKA, Nadine
Sophia**; 1400 McKean Road, Spring House, Pennsylvania
19477 (US).

(74) Agents: **PLANTZ, Bernard F.** et al.; Johnson & Johnson,
One Johnson & Johnson Plaza, New Brunswick, New Jer-
sey 08933 (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, 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).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))*

Published:

- *with declaration under Article 17(2)(a); without abstract;
title not checked by the International Searching Authority*
- *with sequence listing part of description (Rule 5.2(a))*

