

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

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2017/109225 A1

(43) International Publication Date
29 June 2017 (29.06.2017)

(51) International Patent Classification:
A61K 39/12 (2006.01) *C07K 14/005* (2006.01)

(74) Agent: **DEMPSTER, Robert**; Maschio & Soames IP Limited, 30 Carlton Crescent, Southampton Hampshire SO15 2EW (GB).

(21) International Application Number:
PCT/EP2016/082664
(22) International Filing Date:
23 December 2016 (23.12.2016)

(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, 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.

(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
15202585.4 23 December 2015 (23.12.2015) EP
16161068.8 18 March 2016 (18.03.2016) EP
16176025.1 23 June 2016 (23.06.2016) EP
16176049.1 23 June 2016 (23.06.2016) EP
16182845.4 4 August 2016 (04.08.2016) EP

(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).

(71) Applicant: **VALNEVA AUSTRIA GMBH** [AT/AT]; Campus Vienna Biocenter 3, 1030 Vienna (AT).

Published:

(72) Inventors: **BARBERO CALZADO, Jana**; Valneva Austria GmbH, Mittersteig 20/21, 1050 Vienna (AT). **NEBENFÜHR, Mario**; Valneva Austria GmbH, Grimmelshausengasse 12/27, 1030 Vienna (AT). **SCHLEGL, Robert**; Valneva Austria GmbH, Rosenthal 63, 2500 Siegenfeld (AT). **WEBER, Michael**; Valneva Austria GmbH, Rechte Wienzeile 249/15, 1120 Vienna (AT). **WRUSS, Jürgen**; Valneva Austria GmbH, Dampfgasse 25/27-29, 1100 Vienna (AT).

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



WO 2017/109225 A1

(54) Title: ZIKA VIRUS VACCINE

(57) Abstract: Described herein are Zika virus vaccines and compositions and methods of producing and administering said vaccines to subjects in need thereof.