



(51) International Patent Classification:

C07K 16/32 (2006.01) A61K 39/395 (2006.01)

A61P 35/00 (2006.01)

(21) International Application Number:

PCT/EP2019/058035

(22) International Filing Date:

29 March 2019 (29.03.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PCT/EP2018/058259

	29 March 2018 (29.03.2018)	EP
16/170,370	25 October 2018 (25.10.2018)	US

(71) Applicant: **HUMMINGBIRD BIOSCIENCE HOLDINGS PTE. LTD.** [SG/SG]; 20 Biopolis Way, #05-01 Centros, Singapore 138668 (SG).

(71) Applicant (for LS only): **CLEGG, Richard Ian** [GB/GB]; City Tower, 40 Basinghall Street, London Greater London EC2V 5DE (GB).

(72) Inventors: **BOYD-KIRKUP, Jerome Douglas**; Hummingbird Bioscience Holdings Pte. Ltd., 20 Biopolis Way, #05-01 Centros, Singapore 138668 (SG). **INGRAM, Piers**; Hummingbird Bioscience Holdings Pte. Ltd., 20 Biopolis Way, #05-01 Centros, Singapore 138668 (SG).

THAKKAR, Dipti; Hummingbird Bioscience Holdings Pte. Ltd., 20 Biopolis Way, #05-01 Centros, Singapore 138668 (SG). **WU, Zhihao**; Hummingbird Bioscience Holdings Pte. Ltd., 20 Biopolis Way, #05-01 Centros, Singapore 138668 (SG). **PASZKIEWICZ, Konrad**; Hummingbird Bioscience Holdings Pte. Ltd., 20 Biopolis Way, #05-01 Centros, Singapore 138668 (SG). **SANCENON, Vicente**; Hummingbird Bioscience Holdings Pte. Ltd., 20 Biopolis Way, #05-01 Centros, Singapore 138668 (SG). **GUAN, Siyu**; Hummingbird Bioscience Holdings Pte. Ltd., 20 Biopolis Way, #05-01 Centros, Singapore 138668 (SG).

(74) Agent: **MEWBURN ELLIS LLP**; City Tower, 40 Basinghall Street, London Greater London EC2V 5DE (GB).

(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, 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,

(54) Title: HER3 ANTIGEN-BINDING MOLECULES

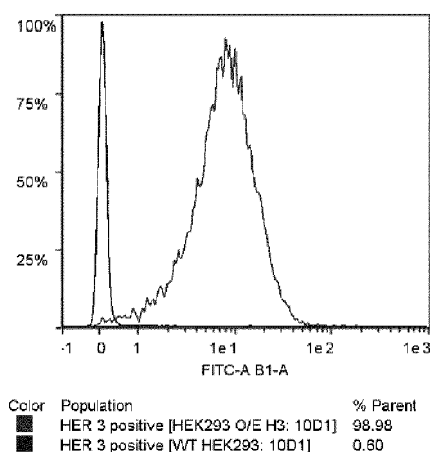


Figure 1A

(57) Abstract: HER3 antigen-binding molecules are disclosed. Also disclosed are nucleic acids and expression vectors encoding, compositions comprising, and methods using, the HER3 antigen-binding molecules.

[Continued on next page]

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:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*

— *with sequence listing part of description (Rule 5.2(a))*