

(51) International Patent Classification:

C07K 16/28 (2006.01) A61K 39/395 (2006.01)

A61P 35/00 (2006.01)

(21) International Application Number:

PCT/IB2024/057624

(22) International Filing Date:

06 August 2024 (06.08.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/531,157 07 August 2023 (07.08.2023) US

(71) Applicant: JANSSEN BIOTECH, INC. [US/US];

800/850 Ridgeview Drive, Horsham, Pennsylvania 19044 (US).

(72) Inventors: VIJAYARAGHAVAN, Smruthi; 1400 McKean Road, Spring House, Pennsylvania 19477 (US). LACY, Eilyn R.; 1400 McKean Road, Spring House, Pennsylvania 19477 (US). HAMURO, Yoshitomo; 1400 McKean Road, Spring House, Pennsylvania 19477 (US).

(74) Agent: LANE, David A. et al.; JOHNSON & JOHNSON,

One Johnson & Johnson Plaza, New Brunswick, New Jersey 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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, 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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,

(54) Title: ENPP3 AND CD3 BINDING AGENTS AND METHODS OF USE THEREOF

WO 2025/032508 A1

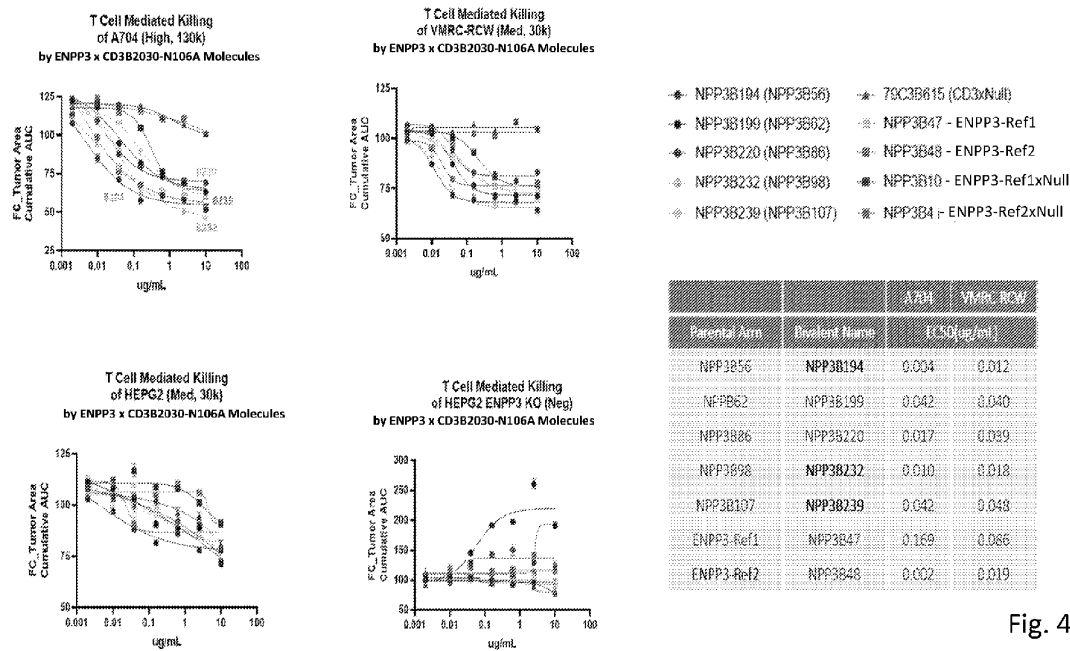


Fig. 4

(57) Abstract: The present disclosure provides ENPP3 binding agents, including bispecific ENPP3 x CD3 binding proteins, and related compositions and methods of use.

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 international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*
- *with sequence listing part of description (Rule 5.2(a))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*