

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
31 July 2025 (31.07.2025)



(10) International Publication Number
WO 2025/158277 A1

(51) International Patent Classification:

A61K 39/395 (2006.01) *C07K 16/28* (2006.01)
A61P 35/00 (2006.01) *A61K 39/00* (2006.01)

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(21) International Application Number:

PCT/IB2025/050613

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

(22) International Filing Date:

21 January 2025 (21.01.2025)

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*

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/623,555 22 January 2024 (22.01.2024) US
63/720,828 15 November 2024 (15.11.2024) US

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

(72) Inventors: **BAUML, Joshua**; 1400 McKean Road,
Spring House, Pennsylvania 19477 (US). **KNOBLAUCH,
Roland**; 1400 McKean Road, Spring House, Pennsylvania
19477 (US). **BAIG, Mahadi**; US Highway 22 W, Bridge-
water, New Jersey 08807 (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, UY, 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: USE OF AMIVANTAMAB TO TREAT HEAD AND NECK CANCER

(57) Abstract: The present invention relates to methods of treating head and neck squamous cell carcinoma (HNSCC), such as metastatic or advanced HNSCC, in a subject in need thereof, comprising administering a therapeutically effective amount of an antibody (e.g., a bispecific antibody) to the subject, wherein the antibody specifically binds epidermal growth factor receptor (EGFR) and hepatocyte growth factor receptor (c-Met).

WO 2025/158277 A1