

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

FOR THE MONTH OF JUNE 2025

COMMISSION FILE NUMBER 001-39081

BioNTech SE

(Translation of registrant's name into English)

**An der Goldgrube 12
D-55131 Mainz
Germany
+49 6131-9084-0**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F: Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

DOCUMENTS INCLUDED AS PART OF THIS FORM 6-K

On June 2, 2025, BioNTech SE (Nasdaq: BNTX, “BioNTech”) and Bristol Myers Squibb (NYSE: BMY, “BMS”) announced that the companies have entered into an agreement for the global co-development and co-commercialization of BioNTech’s investigational bispecific antibody BNT327 across numerous solid tumor types. The press release and related presentation are attached as Exhibits 99.1 and 99.2, respectively, and incorporated by reference herein.

SIGNATURE

Pursuant to the requirements of the Exchange Act, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BioNTech SE

By: /s/ Ugur Sahin
Name: Ugur Sahin
Title: Chief Executive Officer

By: /s/ Dr. Sierk Poetting
Name: Dr. Sierk Poetting
Title: Chief Operating Officer

Date: June 2, 2025

EXHIBIT INDEX

<u>Exhibit</u>	<u>Description of Exhibit</u>
99.1	BioNTech and Bristol Myers Squibb Announce Global Strategic Partnership to Co-Develop and Co-Commercialize Next-generation Bispecific Antibody Candidate BNT327 Broadly for Multiple Solid Tumor Types
99.2	A Transformative Global Partnership for BNT327

BioNTech and Bristol Myers Squibb Announce Global Strategic Partnership to Co-Develop and Co-Commercialize Next-generation Bispecific Antibody Candidate BNT327 Broadly for Multiple Solid Tumor Types

- *BNT327, BioNTech's PD-L1xVEGF-A bispecific antibody, is a clinically advanced investigational immunotherapy candidate with the potential to surpass current checkpoint inhibitor outcomes and set a new standard of care in multiple tumor types*
- *The co-development and co-commercialization collaboration with a 50/50 profit/loss split will leverage both partners' expertise, resources and global footprint to accelerate BNT327's path towards potential regulatory approvals and market launches*
- *BioNTech and Bristol Myers Squibb will jointly execute a broad clinical development program to evaluate and advance BNT327 across numerous solid tumor types*

MAINZ, Germany, and PRINCETON, USA, June 2, 2025 -- BioNTech SE (Nasdaq: BNTX, "BioNTech") and Bristol Myers Squibb (NYSE: BMY, "BMS") today announced that the companies have entered into an agreement for the global co-development and co-commercialization of BioNTech's investigational bispecific antibody BNT327 across numerous solid tumor types. Under the agreement, BioNTech and BMS will work jointly to broaden and accelerate the development of this clinical candidate.

BioNTech's BNT327, a next-generation bispecific antibody candidate targeting PD-L1 and VEGF-A, is currently being evaluated in multiple ongoing trials with more than 1,000 patients treated to date, including global Phase 3 trials with registrational potential evaluating BNT327 as first-line treatment in extensive stage small cell lung cancer ("ES-SCLC") and non-small cell lung cancer ("NSCLC"). A global Phase 3 trial evaluating the candidate in triple negative breast cancer ("TNBC") is planned to start by the end of 2025. Preliminary data from ongoing trials underscore the potential for combining anti-PD-L1 and anti-VEGF-A – two well-established therapeutic targets – into a single molecule to deliver synergistic clinical benefits for patients across multiple tumor types.

Under the terms of the agreement, the companies will jointly develop and commercialize BNT327, including the development of BNT327 as monotherapy and in combination with other products. Both companies have the right to independently develop BNT327 in further indications and combinations, including combinations of BNT327 with proprietary pipeline assets.

"We believe BNT327 has the potential to become a foundational immuno-oncology backbone, moving beyond single-mechanism checkpoint inhibitors and expanding into multiple solid-tumor indications. Our collaboration with BMS, a pioneering leader in immuno-oncology, aims to accelerate and broadly expand BNT327's development to fully realize its potential," said **Prof. Ugur Sahin, M.D., CEO and Co-Founder of BioNTech**. "Our focus remains on advancing high-impact, pan-tumor programs and combination strategies in oncology, with BNT327 complementing our antibody-drug conjugate programs and mRNA-based immunotherapies. We are dedicated to delivering truly transformative options for patients in need."

"Our deep experience and expertise in advancing and delivering groundbreaking immuno-oncology medicines positions BMS well to collaboratively realize the potential of BNT327, an asset with significant potential for transforming the standard of care for patients with solid tumors," said **Christopher Boerner, Ph.D., Board Chair and CEO of Bristol Myers Squibb**. "The science behind BNT327 and its leading clinical position in multiple hard-to-treat tumor types, further bolsters our pursuit of novel mechanisms and

multiple modalities in oncology, and enhances our growth trajectory. We are impressed by the innovation that BioNTech has achieved to date, and we look forward to partnering to accelerate existing clinical trials and time to market, while expanding the number of potential indications.”

BMS will pay BioNTech \$1.5 billion in an upfront payment and \$2 billion total in non-contingent anniversary payments through 2028. These tax-deductible charges will be recorded as Acquired IPR&D Expense when incurred, with the \$1.5 billion being incurred in Q2. In addition, BioNTech will be eligible to receive up to \$7.6 billion in additional development, regulatory and commercial milestones. BioNTech and BMS will share joint development and manufacturing costs on a 50:50 basis, subject to certain exceptions. Global profits/losses will be equally shared between BioNTech and BMS.

About BNT327

BNT327 is a novel investigational bispecific antibody combining two complementary, validated mechanisms in oncology into one single molecule. BNT327 combines PD-L1 checkpoint inhibition aimed at restoring T cells' ability to recognize and destroy tumor cells with the neutralization of VEGF-A. The blocking of VEGF-A is aimed at reversing the tumor's immuno-suppressive effect in its microenvironment and cutting off the blood and oxygen supply that feeds tumor cells (anti-angiogenesis effect), with the intention of preventing the tumor from growing and proliferating. BNT327 may be differentiated via its mechanism of action of targeting PD-L1 on tumor cells to localize anti-VEGF activity within the tumor microenvironment, aiming to enhance therapeutic precision and minimize systemic exposure. A treatment with BNT327 is intended to help normalize blood vessels at the tumor site, improving delivery and potential effectiveness of combination therapies. This targeted vascular remodeling positions BNT327 as a potential backbone therapy across a wide range of solid tumors.^{1,2}

More than 1,000 patients have been treated with BNT327 in clinical trials to date. More than 20 clinical trials are currently ongoing or planned to evaluate BNT327 either as a monotherapy or in combination with other treatment modalities targeting different oncogenic pathways in more than 10 solid tumor indications. Multiple global trials are ongoing or planned to start in 2025, including three global clinical trials with registrational potential in first-line small cell lung cancer (“SCLC”), first-line non-small cell lung cancer (“NSCLC”) and first-line triple-negative breast cancer (“TNBC”). Additional trials will explore combining BNT327 and BioNTech's proprietary antibody-drug conjugate candidates (“ADCs”). If successfully developed and approved, BioNTech aims to use this bispecific antibody candidate as a next-generation immuno-oncology (“IO”) backbone in combination with other treatment modalities targeting a broad range of cancer indications.

About BioNTech

Biopharmaceutical New Technologies (BioNTech) is a global next generation immunotherapy company pioneering novel investigative therapies for cancer and other serious diseases. BioNTech exploits a wide array of computational discovery and therapeutic modalities with the intent of rapid development of novel biopharmaceuticals. Its diversified portfolio of oncology product candidates aiming to address the full continuum of cancer includes mRNA cancer immunotherapies, next-generation immunomodulators and targeted therapies such as antibody-drug conjugates (ADCs) and innovative chimeric antigen receptor (CAR) T cell therapies. Based on its deep expertise in mRNA development and in-house manufacturing capabilities, BioNTech and its collaborators are researching and developing multiple mRNA vaccine candidates for a range of infectious diseases alongside its diverse oncology pipeline. BioNTech has established a broad set of relationships with multiple global and specialized pharmaceutical collaborators, including Bristol Myers Squibb, Duality Biologics, Fosun Pharma, Genentech, a member of the Roche Group, Genevant, Genmab, MediLink, OncoC4, Pfizer and Regeneron.

For more information, please visit www.BioNTech.com.

BioNTech Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, as amended, including, but not limited to, statements concerning: expectations regarding the impact of the collaboration with Bristol Myers Squibb (BMS) on BioNTech's business; the creation of long-term value for BioNTech; the ability of BioNTech and BMS to successfully co-develop and co-commercialize BNT327, if approved; BioNTech's eligibility to receive development, regulatory, and commercial milestone payments; the rate and degree of market acceptance of BioNTech's investigational medicines, if approved; the initiation, timing, progress, results, and cost of BioNTech's research and development programs, including BioNTech's current and future preclinical studies and clinical trials, including statements regarding the expected timing of initiation, enrollment, and completion of studies or trials and related preparatory work and the availability of results, and the timing and outcome of applications for regulatory approvals and marketing authorizations; BioNTech's expectations regarding potential future commercialization in oncology, including goals regarding timing and indications; the targeted timing and number of additional potentially registrational trials, and the registrational potential of any trial BioNTech may initiate; discussions with regulatory agencies; BioNTech's expectations with respect to intellectual property; the impact of BioNTech's collaboration and licensing agreements; the development, nature and feasibility of sustainable drug production and supply solutions; and BioNTech's estimates of revenues, research and development expenses, selling, general and administrative expenses, and capital expenditures for operating activities. In some cases, forward-looking statements can be identified by terminology such as "will," "may," "should," "expects," "intends," "plans," "aims," "anticipates," "believes," "estimates," "predicts," "potential," "continue," or the negative of these terms or other comparable terminology, although not all forward-looking statements contain these words.

The forward-looking statements in this press release are based on BioNTech's current expectations and beliefs of future events and are neither promises nor guarantees. You should not place undue reliance on these forward-looking statements because they involve known and unknown risks, uncertainties, and other factors, many of which are beyond BioNTech's control and which could cause actual results to differ materially and adversely from those expressed or implied by these forward-looking statements. These risks and uncertainties include, but are not limited to: the uncertainties inherent in research and development, including the ability to meet anticipated clinical endpoints, commencement and/or completion dates for clinical trials, regulatory submission dates, regulatory approval dates and/or launch dates, as well as risks associated with preclinical and clinical data, and including the possibility of unfavorable new preclinical, clinical or safety data and further analyses of existing preclinical, clinical or safety data; the nature of clinical data, which is subject to ongoing peer review, regulatory review and market interpretation; pricing and coverage negotiations with governmental authorities, private health insurers and other third-party payors; the impact of tariffs and escalations in trade policy; competition related to BioNTech's product candidates, including those with different mechanisms of action and different manufacturing and distribution constraints, on the basis of, among other things, efficacy, cost, convenience of storage and distribution, breadth of approved use, side-effect profile and durability of immune response; the timing of and BioNTech's ability to obtain and maintain regulatory approval for its product candidates; discussions with regulatory agencies regarding timing and requirements for additional clinical trials; BioNTech's and its counterparties' ability to manage and source necessary energy resources; BioNTech's ability to identify research opportunities and discover and develop investigational medicines; the ability and willingness of BioNTech's third-party collaborators to continue research and development activities relating to BioNTech's development candidates and investigational medicines; unforeseen safety issues and potential claims that are alleged to arise from the use of products and product candidates developed or manufactured by BioNTech; BioNTech's and its collaborators' ability to commercialize and market its product candidates, if approved; BioNTech's ability to manage its development and related expenses; regulatory and political developments in the United States and other countries; BioNTech's ability to effectively scale its production capabilities and manufacture its products

and product candidates; risks relating to the global financial system and markets; and other factors not known to BioNTech at this time.

You should review the risks and uncertainties described under the heading "Risk Factors" in BioNTech's Report on Form 6-K for the period ended March 31, 2025 and in subsequent filings made by BioNTech with the SEC, which are available on the SEC's website at www.sec.gov. These forward-looking statements speak only as of the date hereof. Except as required by law, BioNTech disclaims any intention or responsibility for updating or revising any forward-looking statements contained in this press release in the event of new information, future developments or otherwise.

About Bristol Myers Squibb

Bristol Myers Squibb is a global biopharmaceutical company whose mission is to discover, develop and deliver innovative medicines that help patients prevail over serious diseases. For more information about Bristol Myers Squibb, visit us at BMS.com or follow us on LinkedIn, X, YouTube, Facebook and Instagram.

Bristol Myers Squibb Cautionary Statement Regarding Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 regarding, among other things, the research, development and commercialization of pharmaceutical products and the collaboration with BioNTech. All statements that are not statements of historical facts are, or may be deemed to be, forward-looking statements. Such forward-looking statements are based on current expectations and projections about Bristol Myers Squibb's future financial results, goals, plans and objectives and involve inherent risks, assumptions and uncertainties, including internal or external factors that could delay, divert or change any of them in the next several years, that are difficult to predict, may be beyond Bristol Myers Squibb's control and could cause its future financial results, goals, plans and objectives to differ materially from those expressed in, or implied by, the statements. These risks, assumptions, uncertainties and other factors include, among others, that the expected benefits of, and opportunities related to the collaboration with BioNTech may not be consistent with the realized by Bristol Myers Squibb or may take longer to realize than anticipated, that the therapeutic potential of BNT327 may change, that Bristol Myers Squibb may fail to discover and develop any commercially successful product candidates through the collaboration with BioNTech, that such product candidates may not receive regulatory approval for the indications described in this release and, if approved, whether such product candidates will be commercially successful. No forward-looking statement can be guaranteed. Forward-looking statements in this press release should be evaluated together with the many risks and uncertainties that affect Bristol Myers Squibb's business and market, particularly those identified in the cautionary statement and risk factors discussion in Bristol Myers Squibb's Annual Report on Form 10-K for the year ended December 31, 2024, as updated by Bristol Myers Squibb's subsequent Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other filings with the Securities and Exchange Commission. The forward-looking statements included in this document are made only as of the date of this document and except as otherwise required by applicable law, Bristol Myers Squibb undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, changed circumstances or otherwise.

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¹ Tzuri N, et al. Sci Rep. 2023;13(1):11923.

² Kim HJ, et al. Arch Pharm Res. 2022;45(6):401-416.

A Transformative
Global Partnership for BNT327
(PD-L1 x VEGF-A bispecific antibody)

June 2, 2025



This Slide Presentation Includes Forward-Looking Statements

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Furthermore, certain statements contained in this presentation relate to or are based on studies, publications, surveys and other data obtained from third-party sources and BioNTech's own internal estimates and research. While BioNTech believes these third-party sources to be reliable as of the date of this presentation, it has not independently verified, and makes no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained from third-party sources. In addition, any market data included in this presentation involves assumptions and limitations, and there can be no guarantee as to the accuracy or reliability of such assumptions.

While BioNTech believes its own internal research is reliable, such research has not been verified by any independent source. In addition, BioNTech is the owner of various trademarks, trade names and service marks that may appear in this presentation. Certain other trademarks, trade names and service marks appearing in this presentation are the property of third parties. Solely for convenience, the trademarks and trade names in this presentation may be referred to without the ® and TM symbols, but such references should not be construed as any indicator that their respective owners will not assert, to the fullest extent under applicable law, their rights thereto.

Forward Looking Statements and Non-GAAP Financial Information

This presentation contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 regarding, among other things, the research, development and commercialization of pharmaceutical products and Bristol Myers Squibb's collaboration with BioNTech. All statements that are not statements of historical facts are, or may be deemed to be, forward-looking statements. Such forward-looking statements are based on current expectations and projections about our future financial results, goals, plans and objectives and involve inherent risks, assumptions and uncertainties, including internal or external factors that could delay, divert or change any of them in the next several years, that are difficult to predict, may be beyond our control and could cause our future financial results, goals, plans and objectives to differ materially from those expressed in, or implied by, the statements. These risks, assumptions, uncertainties and other factors include, among others, that the expected benefits of, and opportunities related to, the collaboration with BioNTech may not be realized by Bristol Myers Squibb or may take longer to realize than anticipated, that the therapeutic potential of BNT327 may change, that Bristol Myers Squibb may fail to discover and develop any commercially successful product candidates through the collaboration with BioNTech, that such product candidates may not receive regulatory approval for the indications described in this presentation and, if approved, whether such product candidates will be commercially successful. No forward-looking statement can be guaranteed. Forward-looking statements in this presentation should be evaluated together with the many risks and uncertainties that affect Bristol Myers Squibb's business and market, particularly those identified in the cautionary statement and risk factors discussion in Bristol Myers Squibb's Annual Report on Form 10-K for the year ended December 31, 2024, as updated by our subsequent Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other filings with the Securities and Exchange Commission. These documents are available on the U.S. Securities and Exchange Commission's website, on the Company's website or from Bristol Myers Squibb Investor Relations.

In addition, any forward-looking statements and clinical data included herein are presented only as of the date hereof. Except as otherwise required by applicable law, Bristol Myers Squibb undertakes no obligation to publicly update any of the provided information, whether as a result of new information, future events, changed circumstances or otherwise.

This presentation includes certain non-generally accepted accounting principles ("GAAP") financial measures that we use to describe the Company's performance. The non-GAAP financial measures are provided as supplemental information and are presented because

management has evaluated the Company's financial results both including and excluding the adjusted items or the effects of foreign currency translation, as applicable, and believes that the non-GAAP financial measures presented portray the results of the Company's baseline performance, supplement or enhance management's, analysts' and investors' overall understanding of the Company's underlying financial performance and trends and facilitate comparisons among current, past and future periods. This presentation also provides certain revenues and expenses excluding the impact of foreign exchange ("Ex-FX"). We calculate foreign exchange impacts by converting our current-period local currency financial results using the prior period average currency rates and comparing these adjusted amounts to our current-period results. Ex-FX financial measures are not accounted for according to GAAP because they remove the effects of currency movements from GAAP results.

The non-GAAP information presented herein provides investors with additional useful information but should not be considered in isolation or as substitutes for the related GAAP measures. Moreover, other companies may define non-GAAP measures differently, which limits the usefulness of these measures for comparisons with such other companies. We encourage investors to review our financial statements and publicly filed reports in their entirety and not to rely on any single financial measure. An explanation of these non-GAAP financial measures and a reconciliation to the most directly comparable financial measure are available on our website at www.bms.com/investors.

Also note that a reconciliation of forward-looking non-GAAP measures, including non-GAAP earnings per share (EPS), to the most directly comparable GAAP measures is not provided because comparable GAAP measures for such measures are not reasonably accessible or reliable due to the inherent difficulty in forecasting and quantifying measures that would be necessary for such reconciliation. Namely, we are not, without unreasonable effort, able to reliably predict the impact of accelerated depreciation and impairment charges, legal and other settlements, gains and losses from equity investments and other adjustments. In addition, the Company believes such a reconciliation would imply a degree of precision and certainty that could be confusing to investors. These items are uncertain, depend on various factors and may have a material impact on our future GAAP results.

Certain information presented in the accompanying presentation may not add due to the use of rounded numbers.

BioNTech and Bristol Myers Squibb Enter Landmark Strategic Partnership to Advance BNT327 & Oncology Leadership

BIONTECH

Bristol Myers Squibb®

Anti-VEGF-A



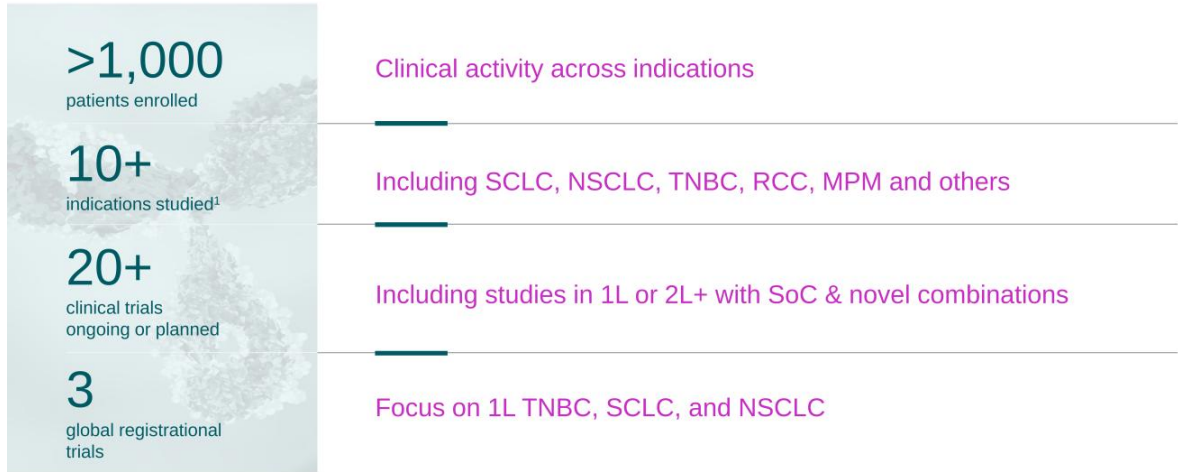
Anti-PD-L1 VHH

Maximizing Potential of Next-generation Immunomodulator BNT327 with Global Co-development and Co-commercialization Partnership

- Bispecific antibody targeting PD-L1 and VEGF-A
- Over 1,000 patients treated in clinical trials
- Broad development in 10+ indications with initial registrational trials ongoing

Potential to transform standard of care and establish new IO backbone treatment option for patients with high unmet medical needs

BNT327: Potential to Establish a New Standard of Care Across Multiple Tumor Types



1. Indications included: HCC, ovarian cancer, cervical cancer, neuroendocrine tumors, melanoma, HNSCC, endometrial cancer, BTC

Harnessing Complementary Expertise to Maximize BNT327 Potential



Leadership position in the PD-(L)1xVEGF space and personalized mRNA cancer immunotherapies

Patient-centric scientific excellence

Pioneer in shaping IO field, focused on further bolstering leadership position in oncology

Unique pipeline enabling multiple potential BNT327 combinations for solid tumors (e.g., ADCs, mRNA)

United in oncology combination strategy

Global Clinical development expertise in novel and combination therapies; 3 approved IO assets

BNT327: Studied in 10+ indications, 20+ trials, 3 ongoing or planned global registrational trials

Operational execution & speed to market

30+ U.S. FDA approvals since 2015; 20+ potential NMEs in oncology pipeline

Building global capabilities including U.S. and Ex-U.S. major markets

Commercial presence

Top-tier, global market leader with preeminent commercial capabilities & infrastructure

BNT supplies ongoing BNT327 clinical trials

Manufacturing scalability

Broad and robust manufacturing & supply network

Deal Terms¹

Co-Development	> Cost share of joint trials 50:50 (subject to certain exceptions) BioNTech and BMS retain full rights to exploit any of its proprietary assets in combination with BNT327
Co-Commercialization	> Co-commercialization in all global markets: BioNTech to book sales in the U.S. and BMS to book sales outside the U.S.
Financial	> BMS will pay BioNTech \$1.5 billion in an upfront payment and \$2 billion in non-contingent anniversary payments through 2028
Milestones	> Up to \$7.6 billion in future development, regulatory and commercial milestones to BioNTech
Profit & loss sharing	> Both companies will equally share profits and losses globally. Each company will only recognize their share of both R&D and SG&A
Operational execution	> BioNTech is market authorization holder in US, EU, UK, China and Türkiye BMS is market authorization holder in Rest of World

1. All deal terms subject to the subsequent Amended and Restated Agreement.

Abbreviation Directory

n L	nth line	VEGF-A	Vascular endothelial growth factor A
ADC	Antibody-drug conjugate	VHH	Heavy chain variable
BMS	Bristol Myers Squibb	SoC	Standard of care
BNT	BioNTech	TNBC	Triple-negative breast cancer
BTC	Biliary tract cancer	UK	United Kingdom
CTx	Chemotherapy	US	United States
EU	European Union	VEGF-A	Vascular endothelial growth factor A
FDA	U.S. Food and Drug Administration	VHH	Heavy chain variable
HCC	Hepatocellular carcinoma		
IO	Immuno-oncology		
MPM	Malignant pleural mesothelioma		
mRNA	Messenger ribonucleic acid		
NME	New molecular entity		
NSCLC	Non-small cell lung cancer		
PD-(L)1	Programmed cell death protein (ligand) 1		
R&D	Research & development		
RCC	Renal cell carcinoma		
SCLC	Small cell lung cancer		
SG&A	Selling, general & administrative expenses		

