Annual General Meeting

16 May 2025, 14:00 CET

BIONTECH

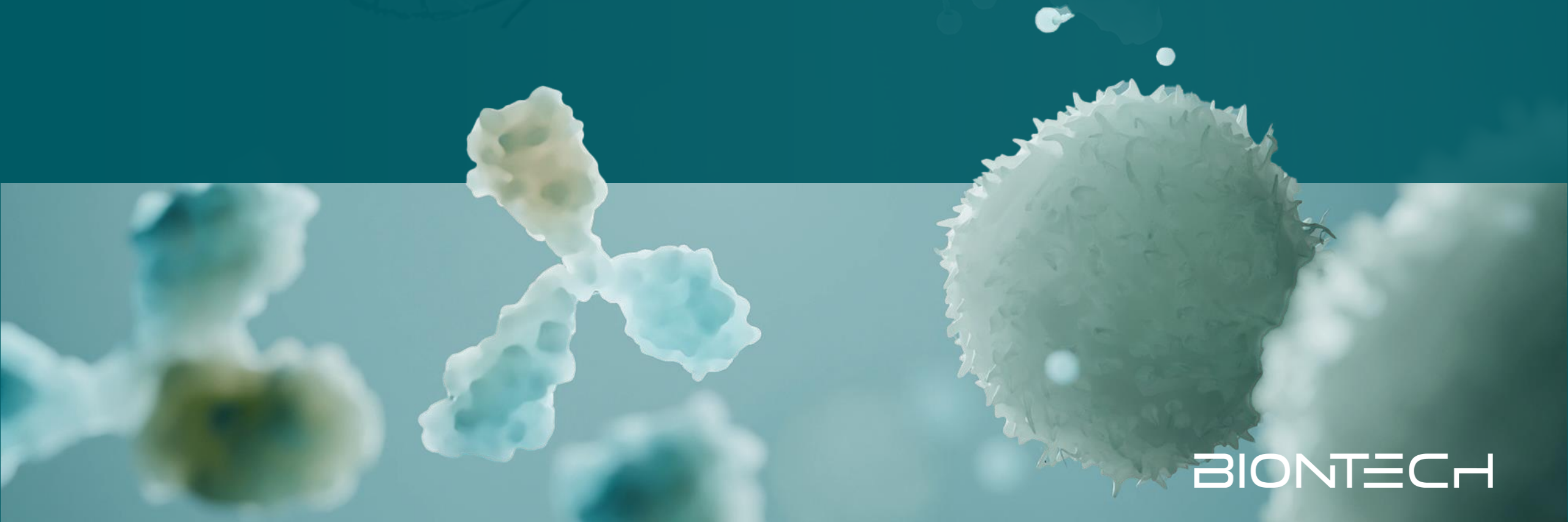
Management Report

1 Operations Development 2024 & Q1 2025 and Outlook 2025
Prof. Dr. Ugur Sahin, Chief Executive Officer & Co-Founder

2 Financial Development 2024 & Q1 2025 and Financial Outlook 2025
Jens Holstein, Chief Financial Officer

1 Operations Development 2024 & Q1 2025 and Outlook 2025

Prof. Dr. Ugur Sahin, CEO & Co-Founder



This Slide Presentation Includes Forward-Looking Statements

This presentation 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: BioNTech's expected revenues and net profit/(loss) related to sales of BioNTech's COVID-19 vaccine, referred to as COMIRNATY where approved for use under full or conditional marketing authorization, in territories controlled by BioNTech's collaboration partners, particularly for those figures that are derived from preliminary estimates provided by BioNTech's partners; the rate and degree of market acceptance of BioNTech's COVID-19 vaccine and, if approved, BioNTech's investigational medicines; expectations regarding anticipated changes in COVID-19 vaccine demand, including changes to the ordering environment and expected regulatory recommendations to adapt vaccines to address new variants or sublineages; 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 vaccine production and supply solutions; the deployment of AI across BioNTech's preclinical and clinical operations; BioNTech's expectations with respect to tariff policy; BioNTech's estimates of revenues, research and development expenses, selling, general and administrative expenses, and capital expenditures for operating activities; BioNTech's expectations regarding upcoming payments relating to litigation settlements; BioNTech's expectations for upcoming scientific and investor presentations; and BioNTech's expectations of net profit / (loss). 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 presentation 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, projected data release timelines, regulatory submission dates, regulatory approval dates and/or launch dates, as well as risks associated with preclinical and clinical data, including the data discussed in this presentation, 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 the clinical data, which is subject to ongoing peer review, regulatory review and market interpretation; BioNTech's pricing and coverage negotiations regarding its COVID-19 vaccine with governmental authorities, private health insurers and other third-party payors; the future commercial demand and medical need for initial or booster doses of a COVID-19 vaccine; the impact of tariffs and escalations in trade policy; competition from other COVID-19 vaccines or related to BioNTech's other 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; the ability of BioNTech's COVID-19 vaccines to prevent COVID-19 caused by emerging virus variants; 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; the impact of COVID-19 on BioNTech's development programs, supply chain, collaborators and financial performance; 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 BioNTech's COVID-19 vaccine and, if approved, its product candidates; 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, including its target COVID-19 vaccine production levels, 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 presentation in the event of new information, future developments or otherwise.

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An abbreviation directory of defined terms can be found at the end of the presentation.


Building a
Global Immunotherapy Powerhouse
Translating Science into Survival
BIONTECH

Leveraging Our COVID-19 Vaccine Business Model and Balance Sheet for Sustainable Value Creation

Financial Strength

Cash generative COVID-19 vaccine business[1]

Balance sheet

Innovative R&D Engine

Progressive Path Towards Value Creation

Data updates across pipeline

2025

Potential first launches in oncology

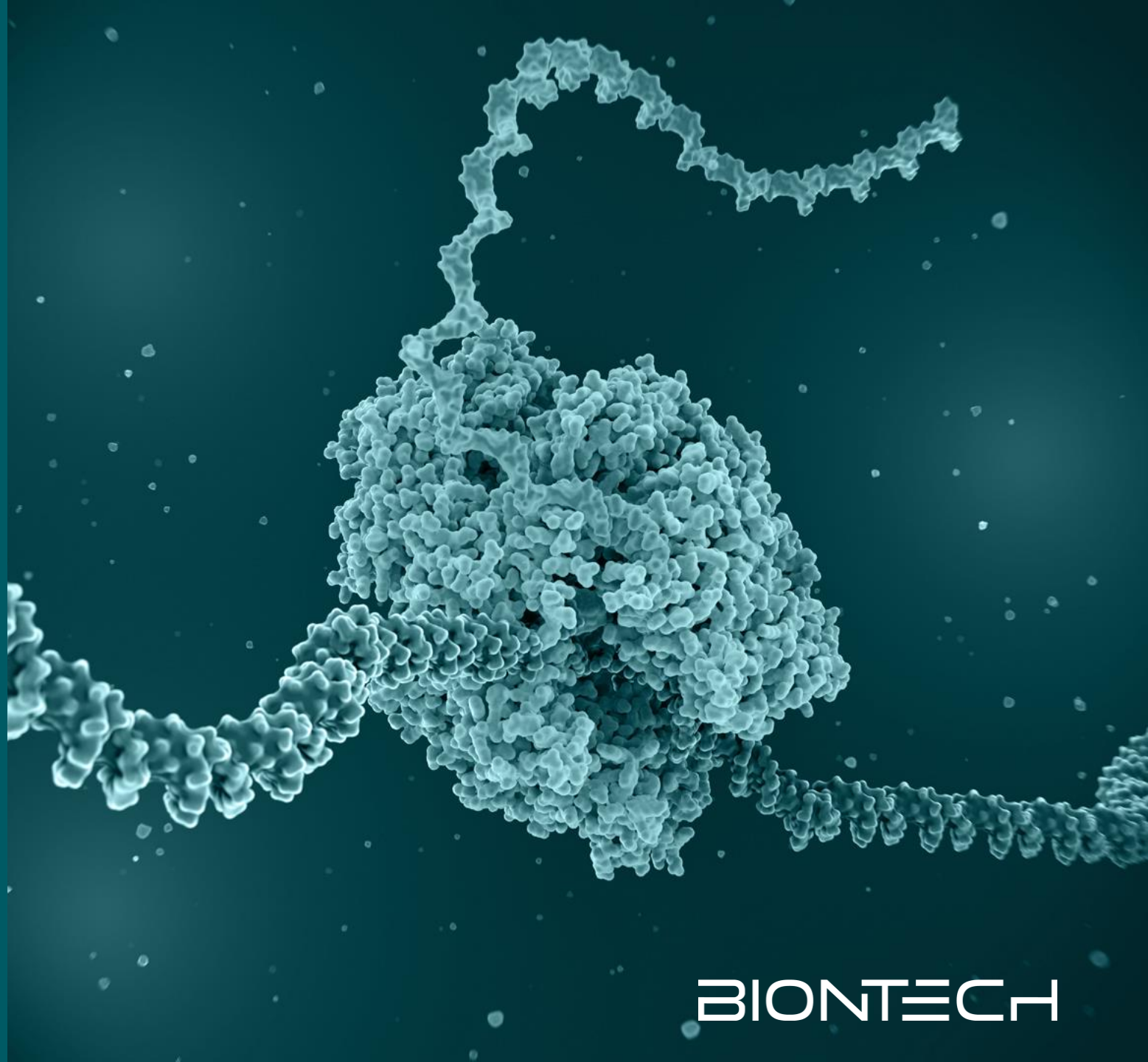
2026 - 2028

Multi-product portfolio

2030

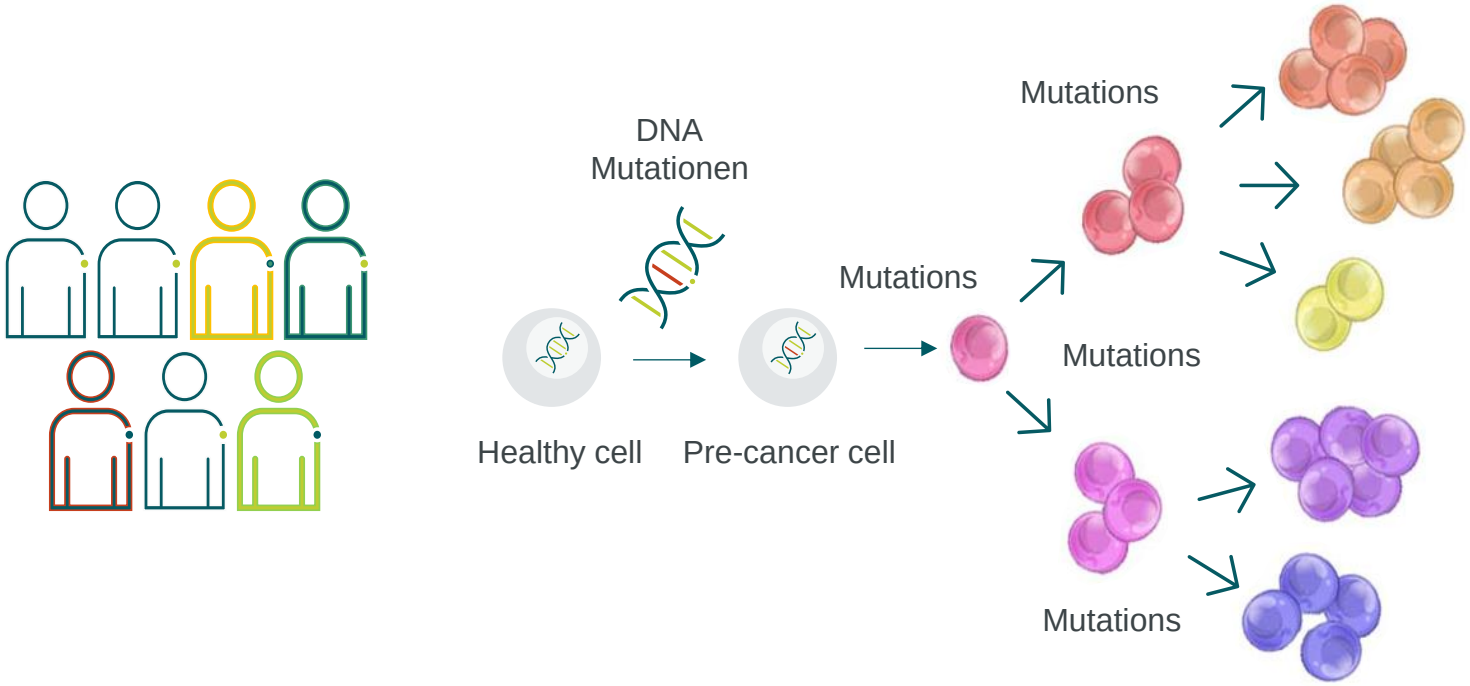
1. Partnered with Pfizer.

Diversified Oncology Pipeline



Root Cause of Cancer Treatment Failure

Interindividual variability & intratumoral heterogeneity

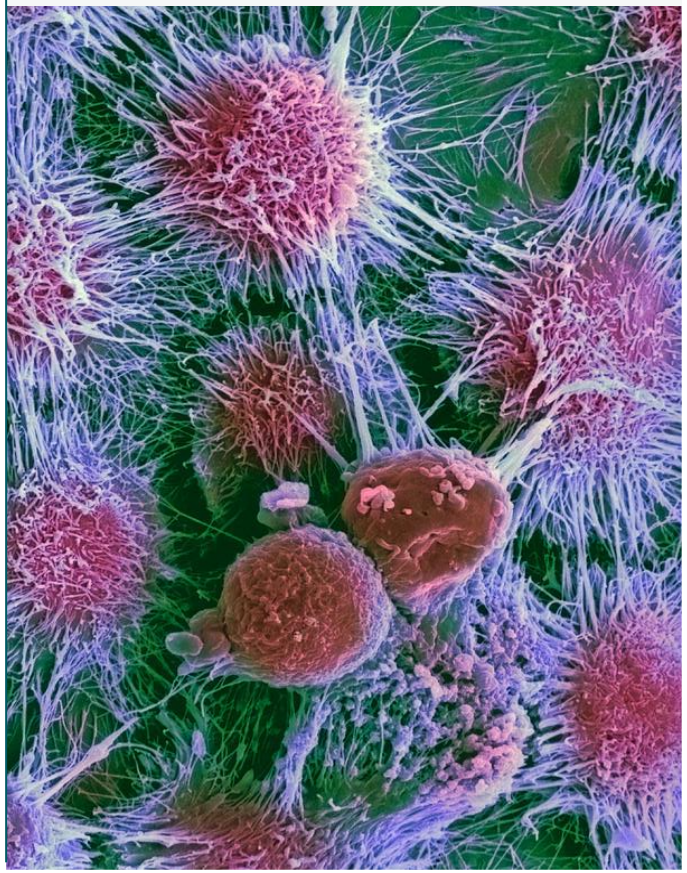


Individual patients

Cancer evolution 5-20 Years – up to 10,000 mutations

Cancer cells

Genetically Diverse & Adaptable



Alexandrov L et al., Nature 2019; Kandoth C et al., Nature 2013; Yizhak K et al., Science 2019; Lim Z & Ma P, Journal of Hematology & Oncology 2019; Quazi MA et al., Annals of Oncology 2017; Maryusk A et al., Cancer Cell 2023.

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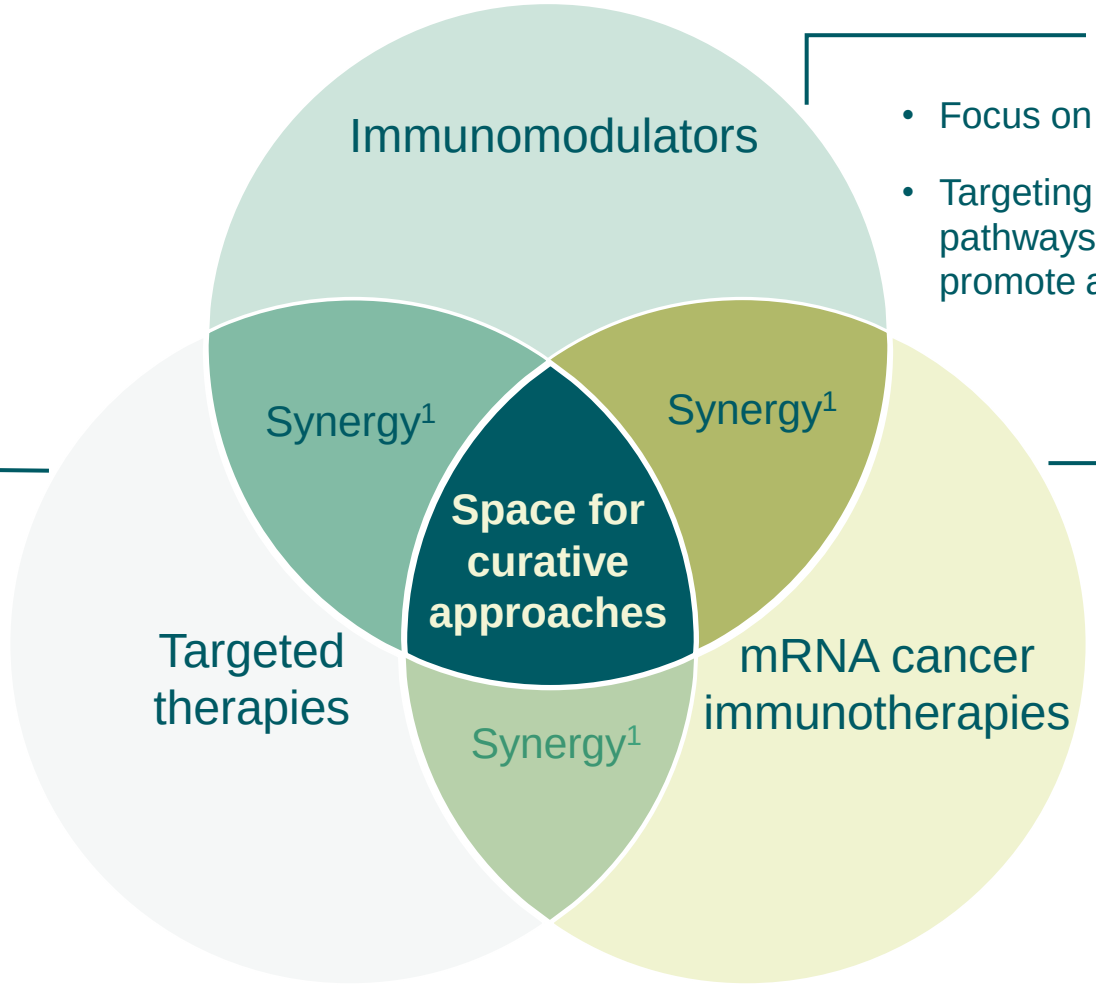
We are Uniquely Positioned to Combine Approaches to Transform Cancer Care

Immunomodulators

- Focus on the critical IO pathways
- Targeting different complementary pathways in cancer immunity cycle may promote a durable anti-tumor effect



Targeted therapies

- Precise and potent modalities for fast onset tumor reduction
- ADC as potential “augmenters” of immunomodulators and mRNA cancer immunotherapies
- Focus on HER2, HER3, TROP2, B7H3 ADCs as combination partners

mRNA cancer immunotherapies

- Eliminate polyclonal residual disease with multi-antigen and individualized approaches
- Polyspecific activity by targeting multiple antigens at once
- Establish long-lasting immunological memory to prevent relapses

1. Synergistic potential.

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2025 Will Be an Important Year for Our Oncology Portfolio

Novel mRNA cancer immunotherapy

FixVac & iNeST[1]

Our next-generation IO-backbone

PD-L1/VEGF-A antibody BNT327

Clinical stage candidates for combination therapy

- IO molecules
- mRNA immunotherapies
- ADCs
- Cell and gene therapies

Resected cancers (adjuvant, ctDNA+) → Neoadjuvant, 1L advanced/metastatic → Late stage, refractory cancers

Important Readouts for Priority Programs in 2025

1. Partnered with Genentech, a member of the Roche Group.

BNT327: Data from 1000 Patients Across Multiple Indications Highlight the Potential to Establish a New Standard of Care

>1000
patients enrolled

Clinical activity across indications

10+
indications studied[1]

Including SCLC, NSCLC, TNBC, PROC, HCC, MPM and others

20+
clinical trials
ongoing or planned

Including trials in 1L or 2L with SoC CTx and novel combinations

3
global potentially
registrational trials

Focus on 1L TNBC, SCLC, and NSCLC

1. Indications included in Ph2a: NSCLC, mucosal melanoma, renal cell carcinoma, endometrial cancer, cervical cancer.

Broad Combination Strategy Across Indications Aiming to Establish Next-Generation IO-Backbone

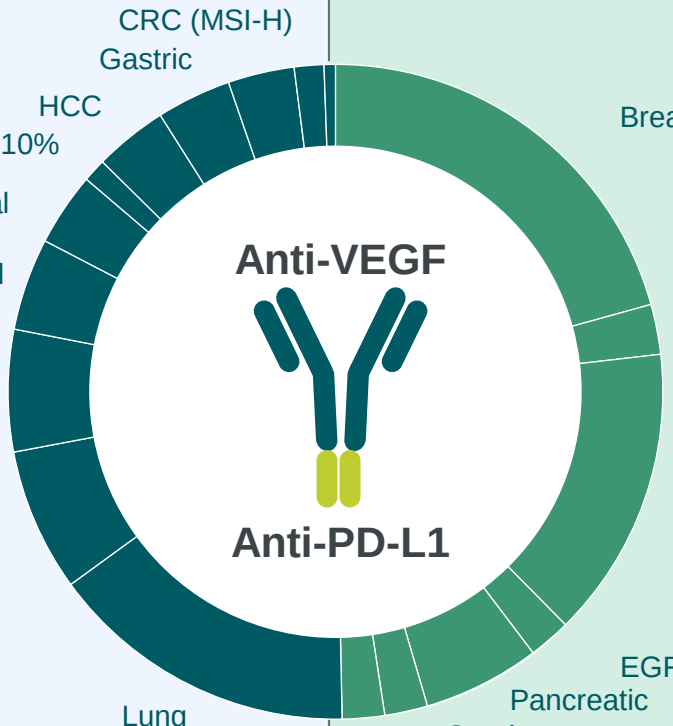
Anti-PD-(L)1 approved

Anti-PD-(L)1 therapy addresses

~1.5 M

new cancer cases
in the US and EU annually
with medical need remaining
high (5-year survival < 50%)[1]

Anti-PD-(L)1 not approved



>1.4 M

estimated new cancer cases
in the US and EU annually
that cannot be addressed
by current IO therapies

US and EU Cancer Incidence[2]

1. NCI SEER https://training.seer.cancer.gov/index.html. 2.US incidence source: NIH and American Cancer Society data EU incidence source: European Cancer Information System

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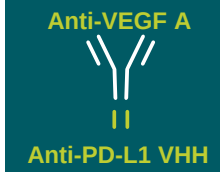
Biotheus Acquisition to Accelerate BNT327 Development Execution

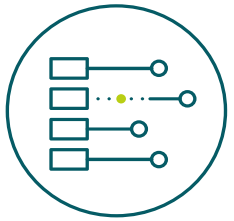


Advancing BNT327 in multiple indications, aiming for first-to-market approvals

BNT327 development acceleration and expansion

Clinical development capability establishment in China

Manufacturing site supporting initial launch



Full pipeline and platform ownership

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Our Leading Scientific Capabilities are Fueled by AI to Pioneer Personalized Immunotherapies

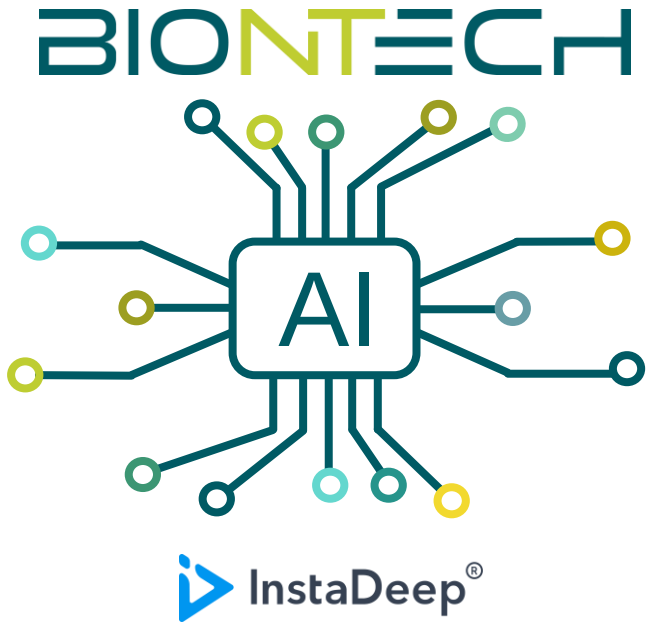
Personalized immunotherapy

iNeST[1]: **Personalized immunotherapy platform** utilizing AI to create therapies unique to each patients' tumor

- **4** ongoing trials
- **>450** patients treated[2]
- **18,000** neoantigens selected[2]

Computational extension of **immunotherapy target space[3]**

Semi-automated manufacturing capabilities for iNeST[1]



AI empowered bio-engineering

Development of novel **DeepChain** platform combining cutting-edge AI and bio-engineering

Optimization of **mRNA design & structure**

Automated dry-wet lab to enhance discovery capabilities

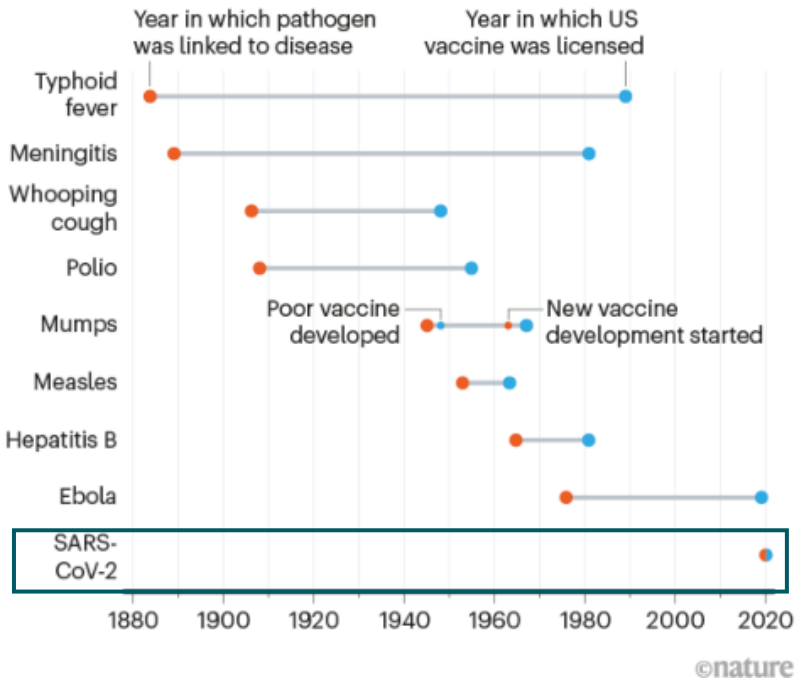
In-house **supercomputing cluster is among** worldwide **top 100[4]**

1. Partnered with Genentech, a member of the Roche Group. 2. From trials BNT122-01, GO39733, GO40558 and ML41081; 3. Castle et al., Journal of Cancer Research and Therapeutics, 2011; 4."Top 500, The List", June 2023.

COVID-19 Vaccine Business

Developing and Approving the First mRNA Medicine

The fastest vaccine development in the history of medicine[1]



The strongest launch of any pharmaceutical product[2]

>4.9 billion doses of BNT162b2 shipped

>180 countries and territories[3]

1. Ball P., Nature. 2021; 2. Measured by sales recorded for a single product in a single year (>$40 billion combined of direct sales recorded by Pfizer or BioNTech in both 2021 and 2022); 3. Cumulative doses shipped in the years 2021, 2022, 2023 and 2024.

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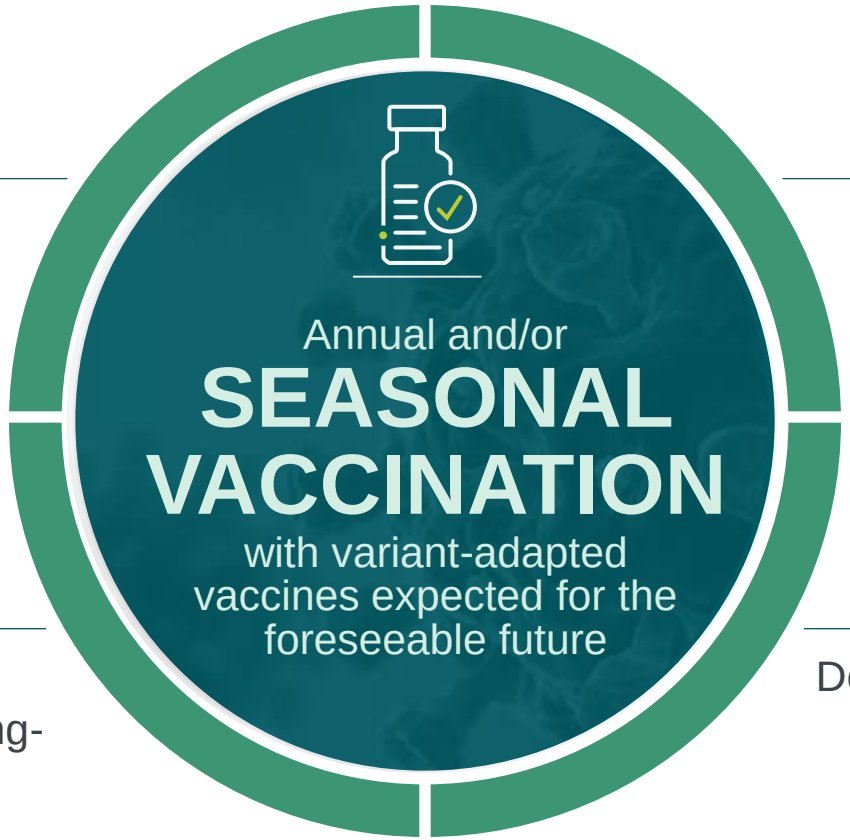
Long-Term Need for Seasonally Adapted Vaccines Anticipated

Continuous evolution

Ongoing antigenic evolution of SARS-CoV-2[1,2]

Risk remains high

For severe COVID-19 in vulnerable populations[3]



Long-term health consequences

Accumulating evidence demonstrates that COVID-19 vaccination reduces long-COVID[4]

Variant-adapted vaccines

Designed to be effective against multiple variants of concern[5]

1. World Health Organization Tracking SARS-CoV-2 variant www.who.int/en/activities/tracking-SARS-CoV-2-variants accessed 14 May 2025; 2. Global Initiative on Sharing All Influenza Data https://gisaid.org/ accessed 14 May 2025; 3. FDA Briefing Document Vaccines and Related Biological Products Advisory Committee Meeting June 15, 2023; 4 Brannock et al, Nature Comm. 2023; 5. Stankov M. V. et al., medRxiv pre-print, 5 October 2023.

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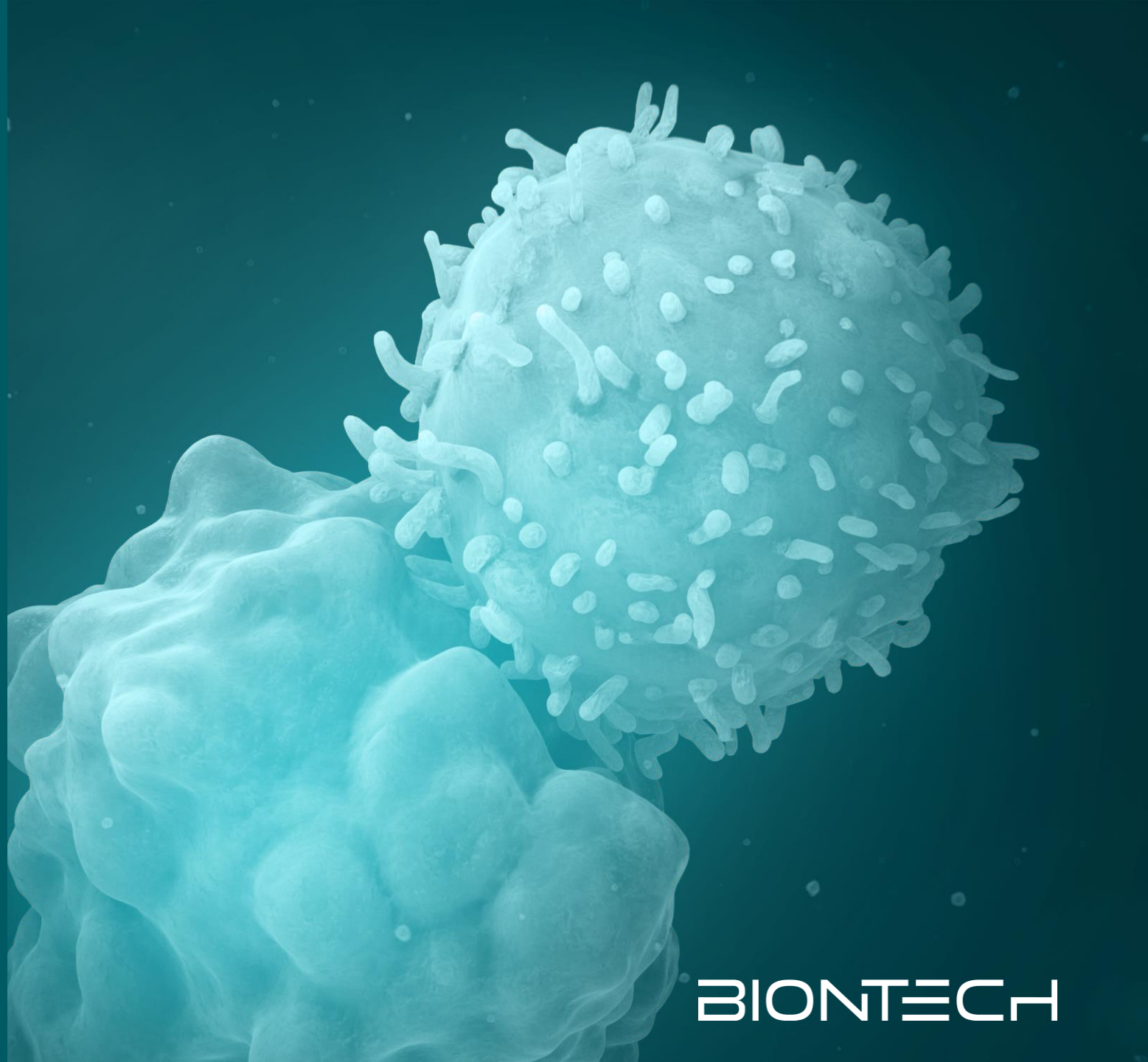
Execution in 2024 and Q1 2025

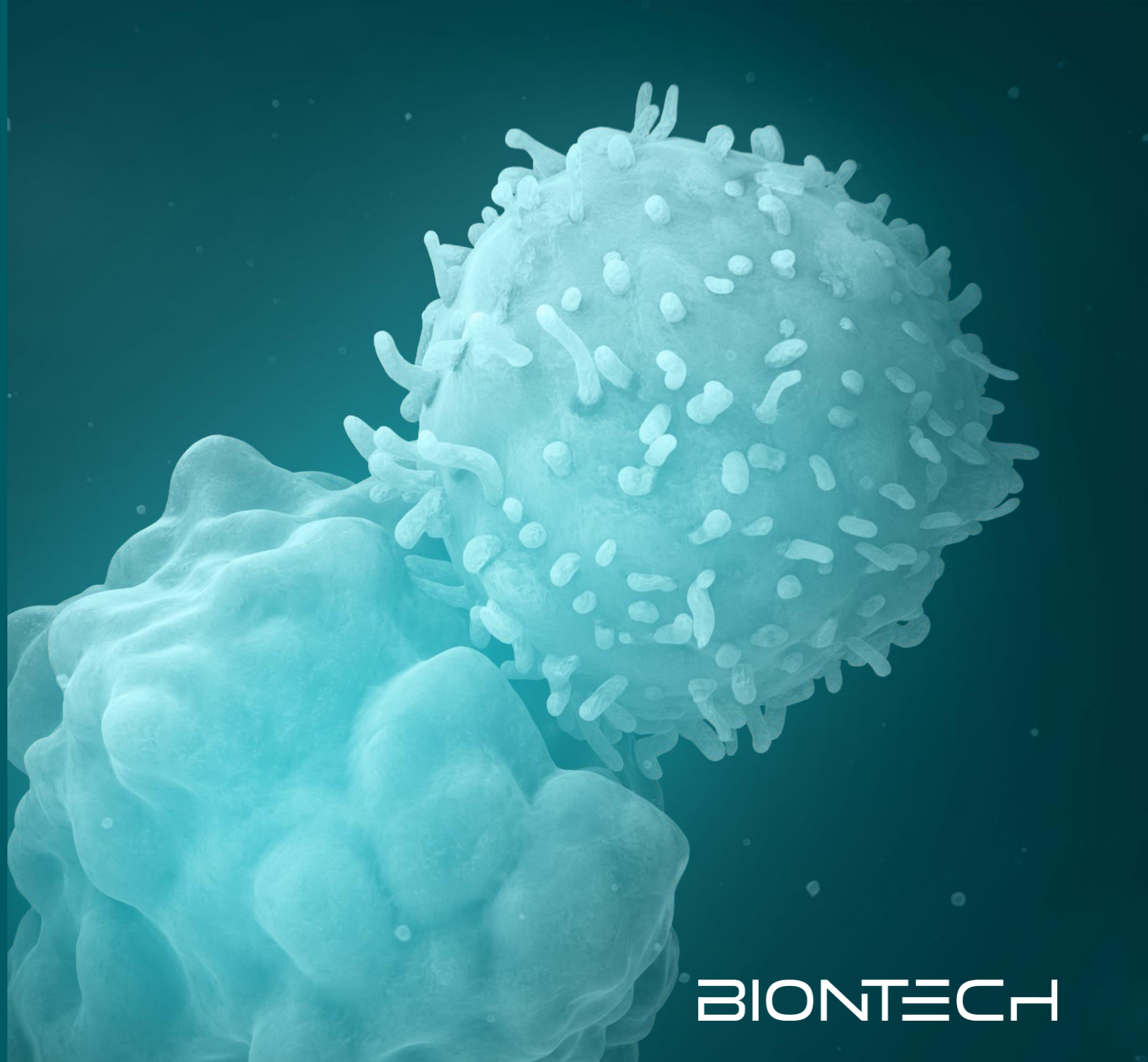


Advancing Toward Our Vision: Key Achievements in 2024 and Q1 2025

mRNA cancer immunotherapies	Initiated a **new Phase 2 iNeST trial**[1] and **reported data**[2] **for three FixVac programs**
BNT327	Presented **multiple datasets**[2] **for BNT327** and announced pivotal trials targeting unmet needs in **three indications**
Corporate development	Secured **global control of BNT327, expanded pipeline** and strengthened in-house **immunotherapy capabilities**
COVID-19 and infectious disease vaccines	Maintained **leading COVID-19 vaccine**[4] **market share globally** and progressed early-stage infectious disease pipeline
Financial strength	Delivered a strong balance sheet : **~€ 15.9 bn** total cash and cash equivalents plus security investments as of March 31, 2025[5]

1. Partnered with Genentech, a member of the Roche Group; 2. Phase 2 data were reported for BNT111 (PR, 30 July 2024), Phase 1/2 and Phase 2 data for BNT113 (ESMO), Phase 1 data for BNT116 (AACR); BNT327 data included: Phase 1/2 in TNBC (ESMO, SABCS) and Phase 2 in NSCLC (ASCO). 3. In collaboration with Regeneron; 4. Partnered with Pfizer; 5. Cash and cash equivalents plus security investments as of March 31, 2025, reached €15,854.4 million, comprising €10,184.9 million cash and cash equivalents, €3,542.0 million current security investments and €2,127.5 million non-current security investments, respectively. A settlement payment of $400 million related to a contractual dispute with the University of Pennsylvania is expected to be reflected in the Company's second quarter 2025 financial results. In connection with this and another settlement with the National Institutes of Health, BioNTech expects to be reimbursed approximately $535 million by its collaboration partner during 2025 and 2026. Reimbursement payments have begun to be received in the first quarter of 2025.

Outlook 2025



Strategic Priority Areas in 2025

mRNA cancer immunotherapy

» Expect first randomized data in the adjuvant setting (CRC)

» Execute 7 ongoing Phase 2 trials and first novel combination trials

BNT327

» Advance 3 global registration-enabling trials in potential fast-to-market indications

» Generate first BNT327+ ADC combination datasets

Commercial readiness in oncology

» Advance BNT323/DB-1303[1] towards BLA submission

» Continue to build targeted AI-enabled commercialization team in key markets

COVID-19 vaccine[2]

» Maintain global COVID-19 vaccine market leadership

» Advance next-gen and combination vaccine programs

Partnered with: 1. DualityBio; 2. Pfizer.

Advancing Our Vision for Oncology:
A Once In a Generation Opportunity to Transform Medicine for Cancer Patients

2025

Execute on late-stage trials for BNT327 and our mRNA cancer immunotherapy portfolio

Continuation of our novel combination strategy

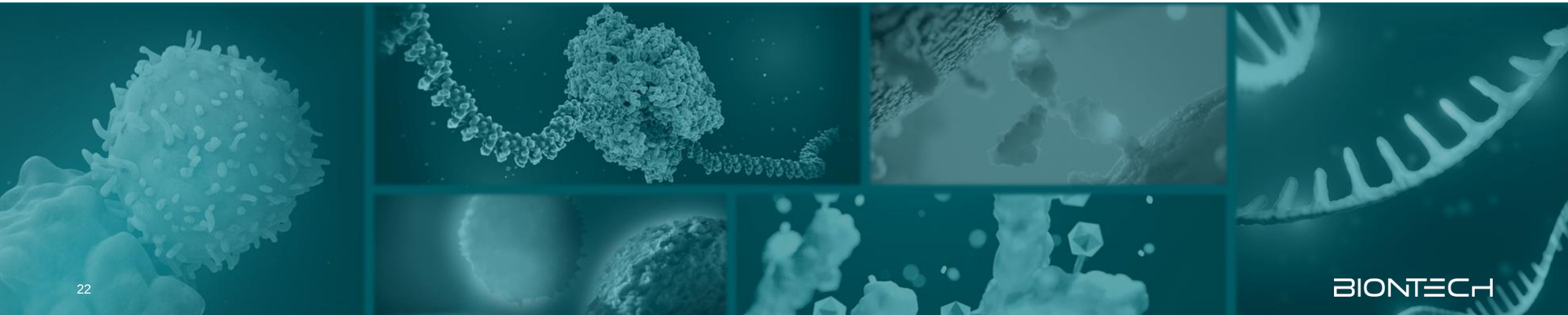
2026-2029

Prepare and execute launches of multiple oncology products across the world

2030

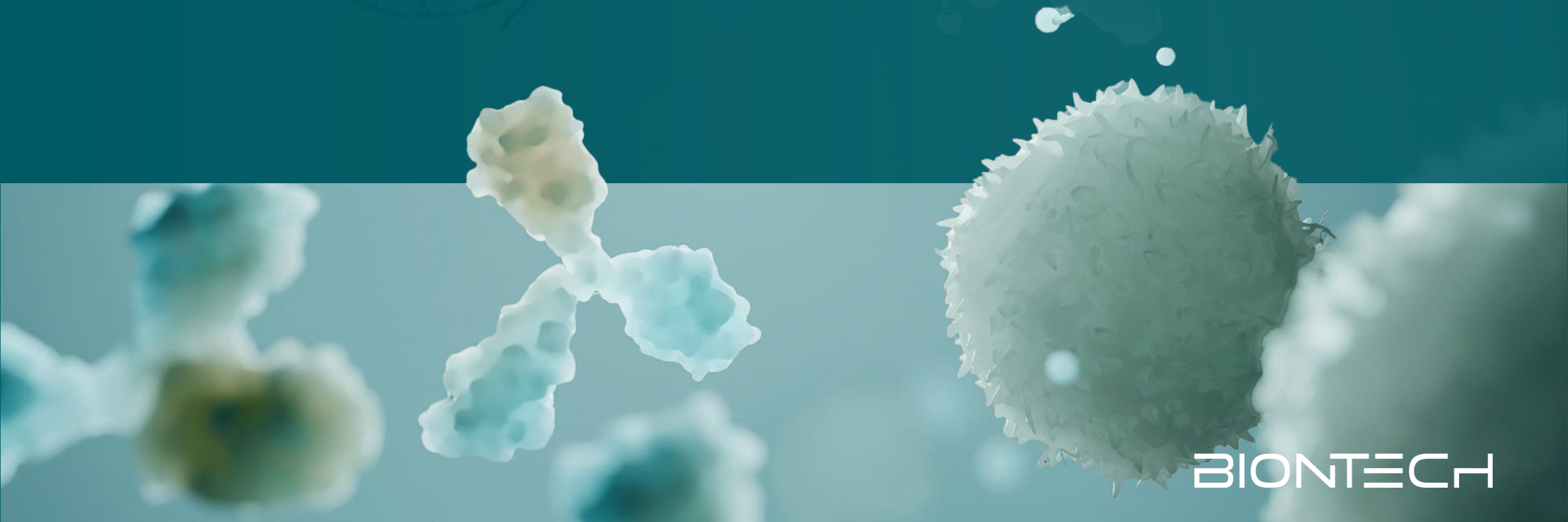
A diversified multi-product global immunotherapy powerhouse

Translating Science into Survival



2 Financial Development 2024 & Q1 2025 and Financial Outlook 2025

Jens Holstein, CFO



2024 Financial Execution Highlights[1]

Total revenues

€2.8 bn

Loss before tax

€678 m

Basic and diluted loss per share

€2.77

Total cash plus security investments[2]

€17.4 bn

1. Numbers are rounded to millions and billions of Euros in accordance with standard commercial practice. 2. Consists of cash and cash equivalents of €9,761.9 million, current security investments of €6,536.2 million and non-current security investments of €1,061.1 million, as of December 31, 2024.

Full Year 2024 Results Compared to Full Year 2024 Financial Guidance

		FY 2024 Updated Guidance *(published as part of the Q3 2024 earnings presentation)*	FY 2024 Results[1]
FY 2024 revenues	Total revenues	**€2,500 – €3,100 m (lower end)**	**€2,751 m**
FY 2024 expenses and capex	Research and development expenses	**€2,400 – €2,600 m**	**€2,254 m**
	Sales, general and administrative expenses	**€600 – €700 m**	**€599 m**
	Capital expenditures for operating activities	**€300 – €400 m**	**€307 m**

1. Numbers have been rounded. More information can be found in BioNTech's Report on Form 20-F for the year ended December 31, 2024, filed with the United States Securities and Exchange Commission and available at www.sec.gov.

Capital Transactions During FY 2024 and First Quarter 2025

FY 2024: Employee Programs

Use of ADSs[1] held in treasury	Period	Number of issued ADSs	Percentage of share capital[2]	Issue price	Volume[3]
ESOP 2018 Settlement	May to Nov. 2024	63,857	0.03%	€83.55	€5.3 million
LTI 2020 Board Settlement	Aug. 2024	69,241	0.03%	€75.00	€5.2 million
ESOP 2019 Board Settlement	Aug. 2024	1,886,770	0.76%	€73.68	€139.0 million
LTI 2020 Settlement	Dec. 2024	225,201	0.09%	€112.10	€25.2 million
Total number of used ADSs previously held in treasury		**2,245,069**	**0.91%**	**Ø €77.86**	**€174.7 million**

First Quarter 2025: Acquisition of Biotheus

Use of ADSs held in treasury	Period	Number of issued ADSs	Percentage of share capital[2]	Issue price	Volume[3]
Acquisition of Biotheus	Jan. 2025	421,818	0.17%	€116.58	€49.2 million

1. American Depositary Shares (ADS), each representing one ordinary share. 2. The "percentage of share capital" ratio is calculated based on the shares issued as of December 31, 2024 (248,552,200) and as of March 31, 2025 (248,552,200), respectively. 3. Numbers have been rounded.

Q1 2025 Financial Execution Highlights[1]

Total revenues

€183 m

Loss before tax

€445 m

Basic and diluted loss per share

€1.73

Total cash plus security investments[2]

€15.9 bn

1. Numbers have been rounded. 2. Cash and cash equivalents plus security investments as of March 31, 2025, reached €15,854.4 million, comprising €10,184.9 million cash and cash equivalents, €3,542.0 million current security investments and €2,127.5 million non-current security investments, respectively. A settlement payment of $400 million related to a contractual dispute with the University of Pennsylvania is expected to be reflected in the Company's second quarter 2025 financial results. In connection with this and another settlement with the National Institutes of Health, BioNTech expects to be reimbursed approximately $535 million by its collaboration partner during 2025 and 2026. Reimbursement payments have begun to be received in the first quarter of 2025.

2025 Financial Year Guidance[1]

		FY 2025 Guidance
Planned FY 2025 revenues	Total revenues	**€1,700 – €2,200 m**
Planned FY 2025 expenses and capex	Research and development expenses	**€2,600 – €2,800 m**
	Sales, general and administrative expenses	**€650 – €750 m**
	Capital expenditure for operating activities	**€250 – €350 m**

Guidance considerations	• Our revenue guidance assumes relatively stable vaccination rates, pricing and market share as compared to 2024. We also anticipate a revenue phasing similar to 2024 with the last 3-4 months driving the full year revenue figure. However, potential changes to the law or governmental policy, including tariffs and public health policy, and evolving public sentiment worldwide, could further negatively impact our anticipated revenues and expenses. • Inventory write-downs and other charges are estimated to be ~15% of BioNTech's share of gross profit from COVID-19 vaccines sales in Pfizer's territory. • Anticipated revenues related to service businesses include InstaDeep, JPT Peptide and IMFS as well as revenues from the German pandemic preparedness agreement.

1. The financial guidance for fiscal year 2025 was published on March 10 as part of the 2024 financial year reporting and confirmed in the Q1 2025 reporting on May 5. The financial guidance excludes external risks that are not yet known and/or quantifiable, including, but not limited to the effects of ongoing and/or future legal disputes and related activities, certain potential one-time effects and charges related to portfolio prioritization. It includes effects identified from licensing arrangements, collaborations or M&A transactions to the extent disclosed and may be subject to update. The Company does not expect to report a net income figure for the 2025 financial year.

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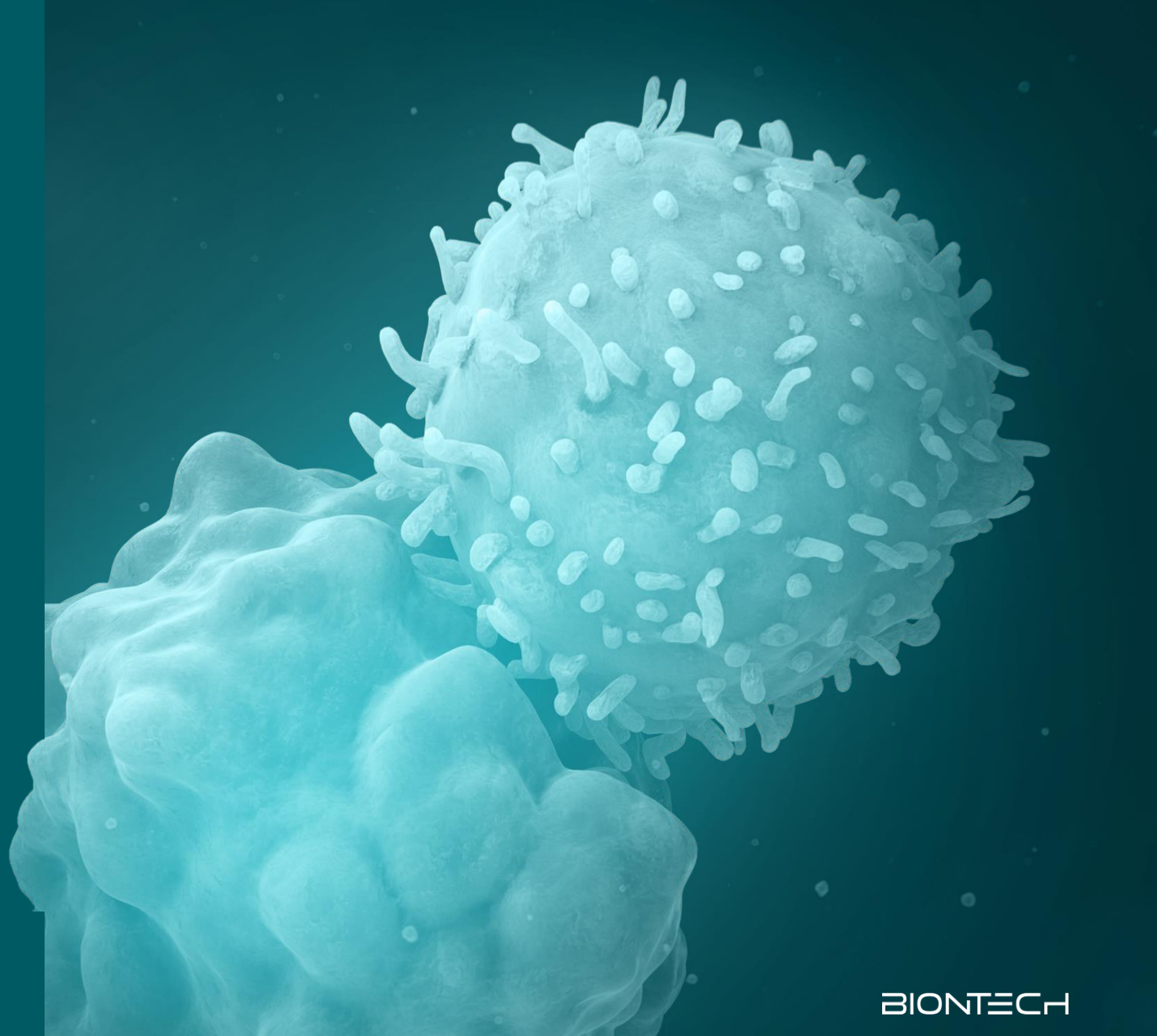
Save the date

Annual Innovation Series

November 11, 2025



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Thank you for your attention.

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Abbreviation Directory

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AACR	American Association for Cancer Research
ADC	Antibody-drug conjugate
AI	Artificial intelligence
ASCO	American Society of Clinical Oncology
B7-H3	B7 Homolog 3
BLA	Biologics License Applications
CAPEX	Capital expenditures
CRC	Colorectal cancer
ctDNA	Circulating tumor DNA
CTx	Chemotherapy
DNA	Desoxyribonucleic acid
EGFR	Epidermal growth factor receptor
ESMO	European Society for Medical Oncology
ESOP	Employee stock ownership plan
FDA	US Food and Drug Administration
FixVac	Fixed Antigen Vaccine
GBM	Glioblastoma
HCC	Hepatocellular carcinoma
HER2 (or 3)	Human epidermal growth factor receptor 2 (or 3)
HNSCC	Head and neck squamous cell carcinoma
IMFS	BioNTech Innovative Manufacturing Services
iNeST	Individualized NeoAntigen-Specific Therapy
IO	Immuno-oncology
LTI	Long-term incentive
M&A	Merger and acquisitions
MPM	Malignant pleural mesothelioma
mRNA	Messenger ribonucleic acid
MSI-H	High-frequence microsatellite instability
MSS	Microsatellite stability
NCI	National Cancer Institute
NIH	National Institutes of Health
NSCLC	Non-small cell lung cancer
PD-L1	Programmed cell death protein (ligand) 1
PROC	Platinum-resistant ovarian cancer
RCC	Renal cell carcinoma
R&D	Research and development
SABCS	San Antonio Breast Cancer Symposium
SCLC	Small cell lung cancer
SEC	United States Securities and Exchange Commission
SEER	Surveillance, epidemiology, and end results
SG&A	Selling, general and administrative expenses
SoC	Standard of care
TNBC	Triple-negative breast cancer
TROP2	Trophoblast cell-surface antigen 2
VEGF-A	Vascular endothelial growth factor A
VHH	Heavy chain variable