



# BeiGene Corporate Presentation

November 12, 2024

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Certain statements contained in this presentation and in any accompanying oral presentation, other than statements of fact that are independently verifiable at the date hereof, may constitute forward-looking statements. Examples of such forward-looking statements include statements regarding the progress of BeiGene's solid tumor pipeline and future molecules to enter the clinic; speed of BeiGene's future growth and projected leadership in oncology; projected size of certain oncology market sectors; global impact of Tevimbra; BeiGene's research, discovery, and pre-clinical and early-stage clinical programs and plans; recent clinical data for BeiGene's product candidates and approvals of its medicines; the conduct of late-stage clinical trials and expected data readouts; and the advancement of and anticipated clinical development, regulatory milestones and commercialization of BeiGene's medicines and drug candidates. Actual results may differ materially from those indicated in the forward-looking statements as a result of various important factors, including BeiGene's ability to demonstrate the efficacy and safety of its drug candidates; the clinical results for its drug candidates, which may not support further development or marketing approval; actions of regulatory agencies, which may affect the initiation, timing and progress of clinical trials and marketing approval; BeiGene's ability to achieve commercial success for its marketed medicines and drug candidates, if approved; BeiGene's ability to obtain and maintain protection of intellectual property for its technology and medicines; BeiGene's reliance on third parties to conduct drug development, manufacturing, commercialization, and other services; BeiGene's limited experience in obtaining regulatory approvals and commercializing pharmaceutical products; BeiGene's ability to obtain additional funding for operations and to complete the development of its drug candidates and achieve and maintain profitability; and those risks more fully discussed in the section entitled "Risk Factors" in BeiGene's most recent periodic report filed with the SEC, as well as discussions of potential risks, uncertainties, and other important factors in BeiGene's subsequent filings with the SEC. All information in this presentation is as of the date of this presentation, and BeiGene undertakes no duty to update such information unless required by law.

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# Our Unique Model Has Enabled Fast Rise to Global Oncology Leadership

## Global Oncology Leadership

Top  
15

Global oncology company by revenue – and rising – for innovative therapies<sup>1</sup>

Top  
5

Company for completing Phase 3 oncology trials in the industry between 2017 and 2023

Top  
5

Company with number of oncology molecules advanced into the clinic in the industry in the last four years



One of the largest oncology-focused R&D teams in the industry



More than 1.4M patients treated worldwide<sup>2</sup>

Source: Evaluate Pharma Competitor Analyzer accessed 12/18/23 for cancer, blood & blood forming malignancies, excluding generics and biosimilars; and IND data; Company filings, IQVIA, analyst reports. Citeline through competitor trial. Data analysis is as of January 2024.

<sup>1</sup> Based on Evaluate Pharma data assessed 08/05/24.

<sup>2</sup> BRUKINSA and TEVIMBRA (tislelizumab) commercial patients only

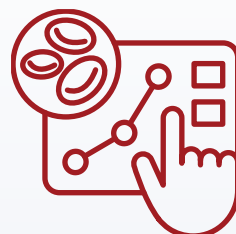
# Q3, 2024: Delivering on our Key Priorities

## Strong Financial Performance



- **\$1B** in total revenue
- **67%** product revenue YoY growth
- **Improved** operating loss
- Non-GAAP operating **income** of **\$66M**
- Generated **positive cash flow**
- Q3 24 ending cash of **\$2.7B**

## CLL Franchise Leadership



- In the U.S., **BRUKINSA**, with the **broadest label** of any BTKi, is the leader in **new patient starts** in both **1L** and **R/R CLL**<sup>1</sup> in addition to all other approved B-cell malignancies
- **Global BRUKINSA** sales of **\$690M**, growth of **90+%** YoY
- 5-year follow up from Phase 3 **SEQUOIA** study shows **sustained PFS benefit** in **TN CLL**
- **Flagship** franchise potential in **CLL** with rapid development of **Sonrotoclax** and **BTK degrader BGB-16673**

## Rapidly Progressing Solid Tumor Pipeline

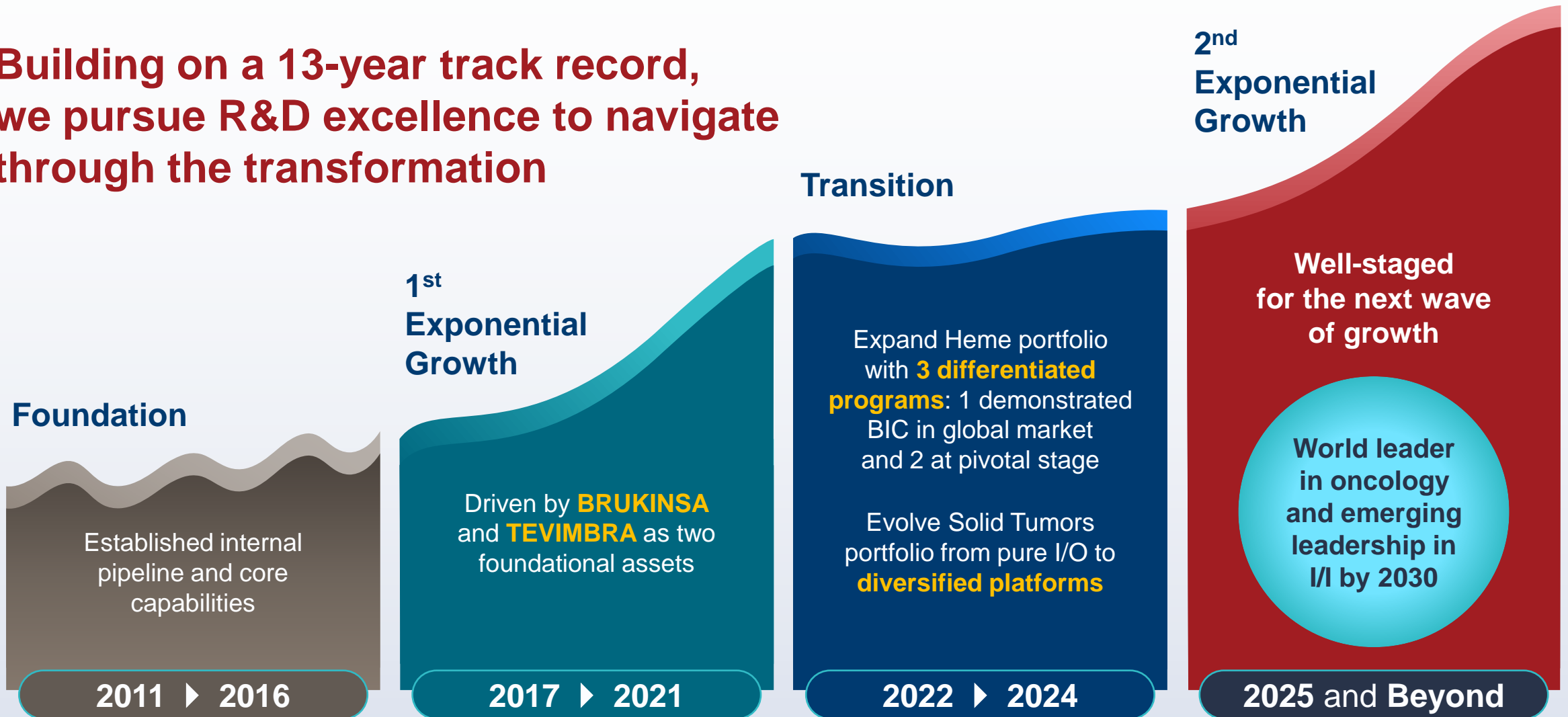


- **Unprecedented delivery** of innovative NMEs, with **4** entering the clinic in Q3 utilizing "Fast to PoC" strategy
- **8** solid tumor **NMEs** so far this year, on track to meet goal of **10+** by YE
- Laying the ground for future franchises in **breast, lung** and **gastrointestinal cancers** across **three signature platforms**, including multi-specific antibodies, protein degraders and ADCs

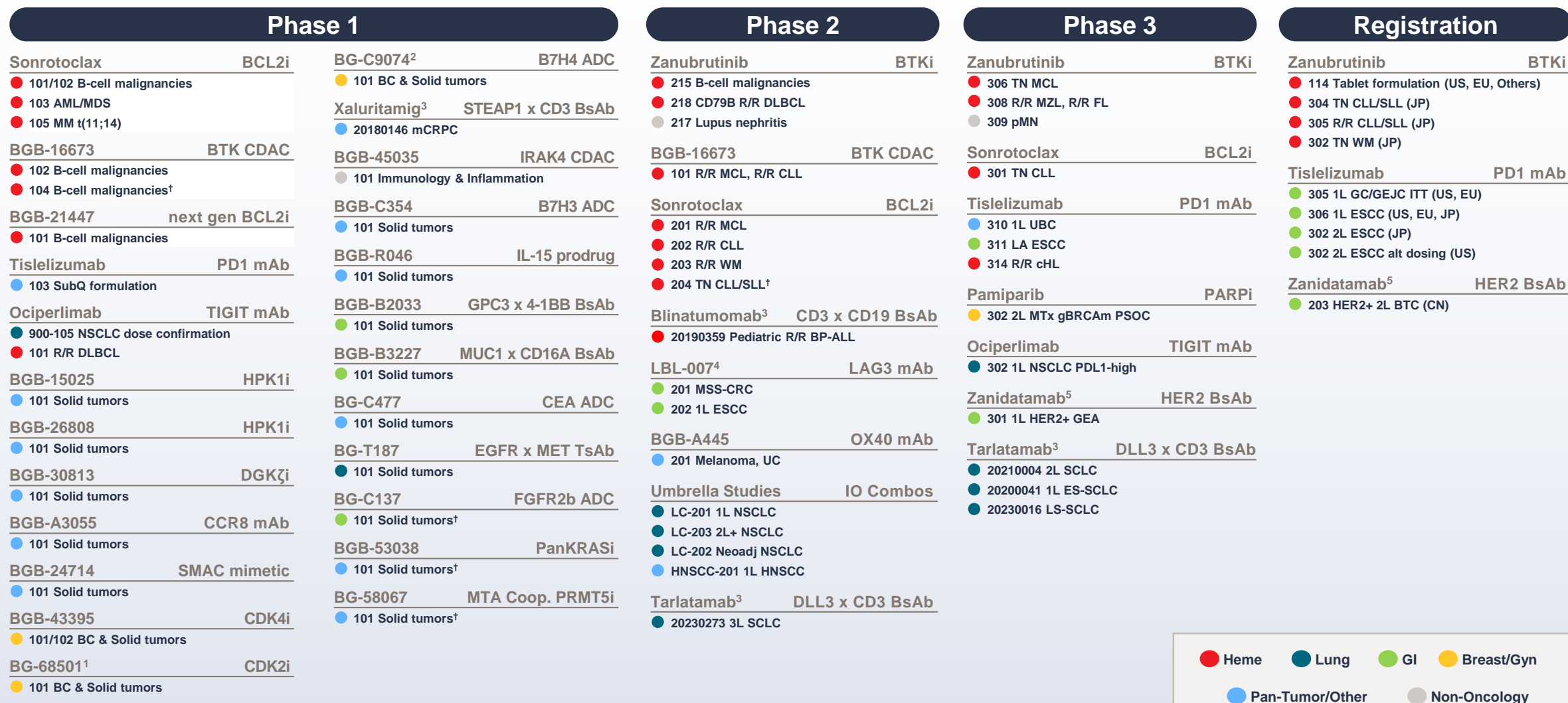
<sup>1</sup>Source: Based on Sep 2024 U.S. New Patient Starts claims data from IQVIA LAAD, SHA PTD, and Careset.

# BeiGene R&D Evolution

Building on a 13-year track record, we pursue R&D excellence to navigate through the transformation



# Global Clinical Development Pipeline



● Heme ● Lung ● GI ● Breast/Gyn  
● Pan-Tumor/Other ● Non-Oncology

Registration includes select accepted submissions in major markets.

† Trial is listed on clinicaltrials.gov but may not have subjects enrolled.

<sup>1</sup>Ensem collaboration, <sup>2</sup>DualityBio collaboration, <sup>3</sup>Amgen collaboration, <sup>4</sup>Leads Biolabs collaboration, <sup>5</sup>Zymeworks/Jazz collaboration.

Please refer to our most recent 10-K filing for a full list of our commercial products, including in-licensed products, as well as commercial rights and collaboration details.

# Accelerating Next Wave of Innovation

With diverse modalities and differentiated molecules



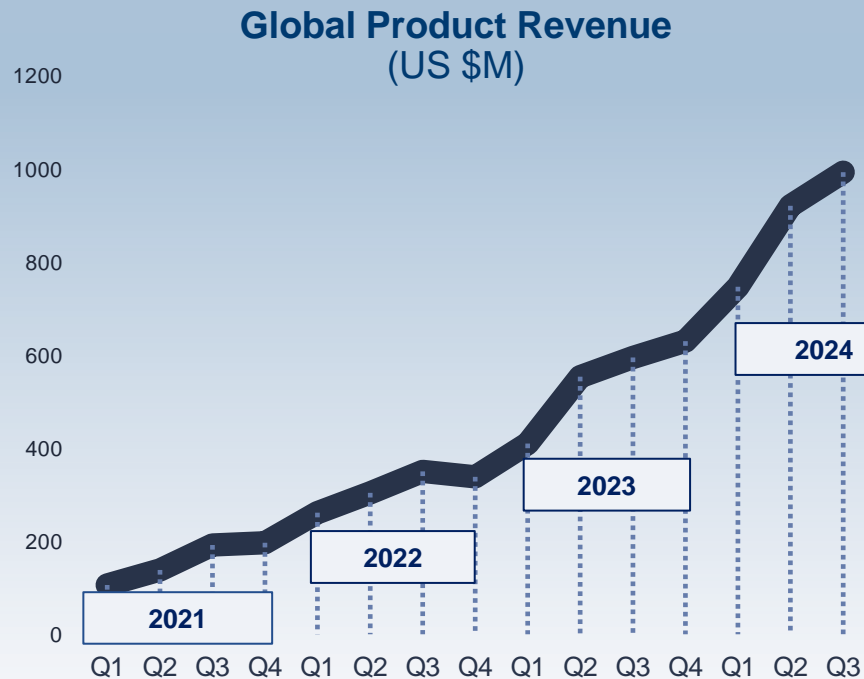
A background image featuring a teal gradient with a faint, semi-transparent financial candlestick chart overlaid on a globe. The chart shows an upward trend with several peaks and troughs. On the left side, there is a vertical red bar and a grid of small, semi-transparent squares.

# Financial Highlights



# Strong Growth in Product Revenue and Diversified Mix in Geographies and Products

## Rapid Revenue Growth

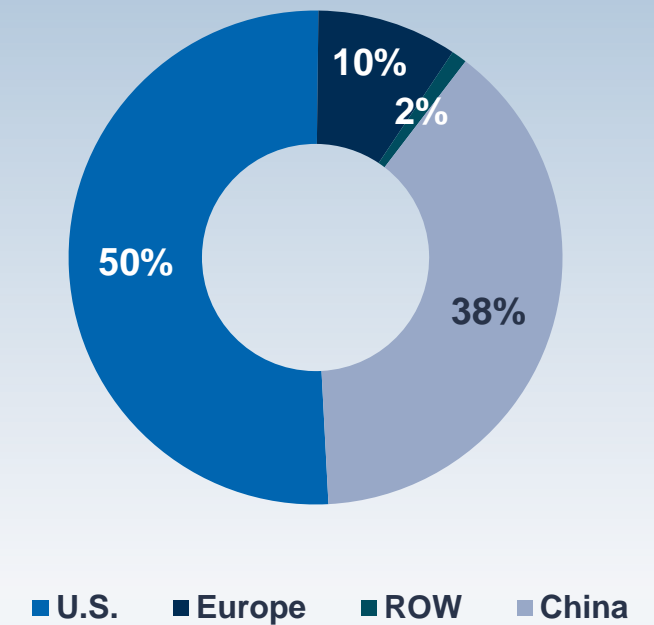


Significant global product revenue growth

- 1-year growth of 67%
- 3-year CAGR of 73%

## Global Revenue Mix

Q3 2024 Total Revenue by Region

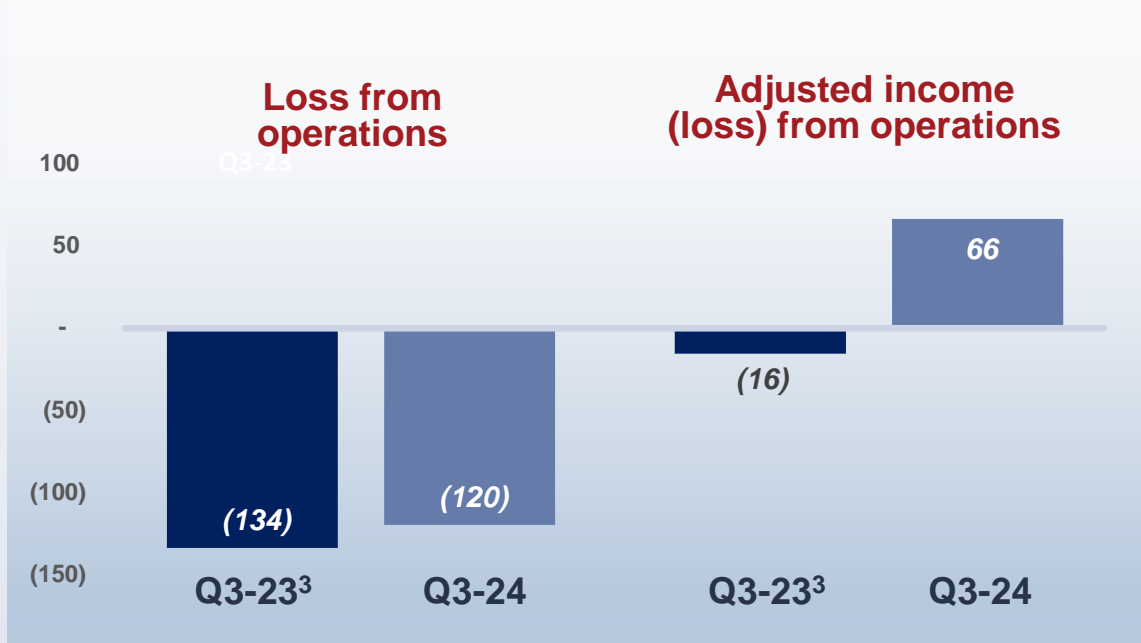


# Significant Progress on Profitability and Cash Flows

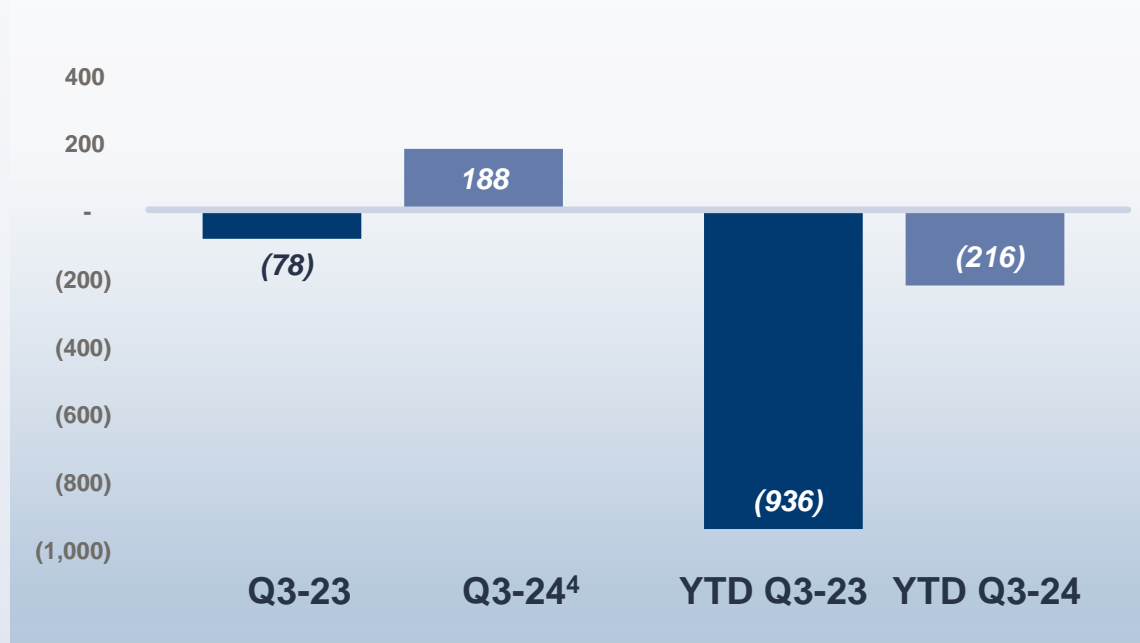
## Gross Margin (%)

Amongst the highest across global oncology companies<sup>1</sup> with sales mix shift toward internally developed products

### Reduced loss from operations and generated adjusted income from operations<sup>2</sup> (US \$M)



### Significant trend of improvement in cash flows from operations (US \$M)

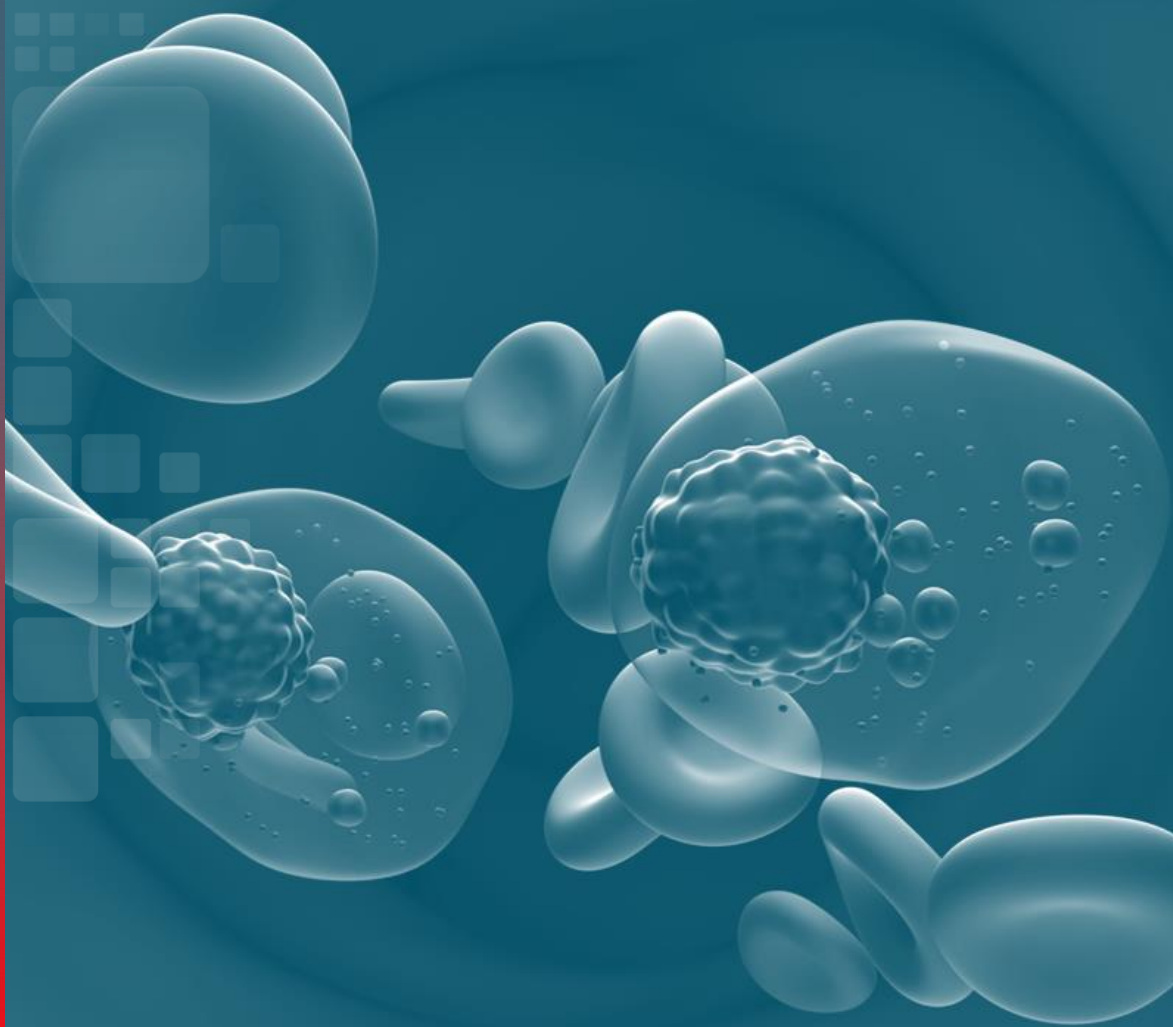


<sup>1</sup> Defined as companies deriving 40% or more of sales from oncology and 15% or more of sales outside of the U.S.

<sup>2</sup> Adjusted Income (Loss) from Operations is a non-GAAP financial measure that excludes from the corresponding GAAP measure costs related to share-based compensation, depreciation and amortization expense. A reconciliation of this non-GAAP measure to the comparable GAAP measure is included in the Appendix to this presentation.

<sup>3</sup> Q3 2023 benefitted from acceleration of \$183 million of deferred revenue from the Novartis collaborations.

<sup>4</sup> Q3 2024 cash flow from operations driven by improved operating leverage and working capital.



# Leader in Hematology

# Compelling and Leading Hematology Portfolio

**BTK  
inhibitor**

## **BRUKINSA**

Best-in-class BTKi

Only BTKi to show H2H superiority vs. ibrutinib in R/R CLL

Broadest label

**\$15B BTKi class**  
projected in 2028<sup>1</sup>

**BCL2  
inhibitor**

## **Sonrotoclax**

Differentiated efficacy and safety in early-stage trials

1300+ patients enrolled

Already in pivotal stage

Best-in-class potential and broader usability by all physicians

**\$4B BCL2i class**  
projected in 2028<sup>1</sup>

**BTK  
CDAC**

## **BGB-16673**

Clinically meaningful efficacy in early-stage trials and favourable safety data in FIH trials

350+ patients enrolled

Distinct MOA, agnostic of mutations

Most advanced BTK degrader addressing unmet needs in BTK driven B-cell malignancies

<sup>1</sup> Source: Evaluate Pharma  
Detailed descriptions included in appendix slides.

# Establishing BTKi Leadership

In the U.S., BRUKINSA, with the broadest label of any BTKi, is the leader in new patient starts in both 1L and R/R CLL<sup>1</sup> in addition to all other approved B-cell malignancies



- Global BTKi market was \$8.8B in 2023
- CLL is the largest indication for BTKi, accounting for 80% of the market
- CLL market is expected to reach \$12B in 2030<sup>2</sup>
- BRUKINSA Q3 U.S. revenue increased 87% and sales in Europe grew 217% from the prior-year period
- BRUKINSA is approved in more than 70 markets, and more than 100,000 patients have been treated globally

<sup>1</sup> Source: Based on Sep 2024 U.S. New Patient Starts claims data from IQVIA LAAD, SHA PTD, and Careset.

<sup>2</sup> Source: Evaluate Pharma July 2024

# BRUKINSA

Foundational asset in hematology portfolio, only BTKi to demonstrate superiority in safety and efficacy

## BTK inhibitor



## Best-in-Class BTKi

- Designed to have **sustained/complete target coverage**; substantially longer exposure than acalabrutinib and ibrutinib
- Specifically **designed to succeed where other BTKi's have not**
- Sustained **superiority of PFS** in H2H R/R CLL vs. ibrutinib<sup>1</sup>
- Deep and durable responses in all patients, **regardless of risk status**, across indications (del(17p)/IGHV status)

## Favorable Safety

- **Improved safety profile vs ibrutinib** including cardiac profile in two H2H studies vs. ibrutinib
- **Well-tolerated in ibrutinib/acalabrutinib intolerant patients<sup>2</sup>** who switched to zanubrutinib<sup>3</sup>
- **Distinct safety profile** with low treatment-related infections, A-fib, GI symptoms, headache, cough and fatigue compared with acalabrutinib<sup>4</sup>

## Broadest Label

- **5 B-cell malignancies approved** in the U.S.
- Only BTKi approved in FL/MZL
- Only BTKi with **flexible dosing** schedule (QD or BID)
- USA, EU and Canada **tablet submissions under review**, with approvals anticipated in 2025

## Combination of Choice

- **Combination partner with sonrotoclax** and external assets to maximize lifecycle value
- CELESTIAL-TN CLL Phase 3 trial of sonro+zanu is the **only fixed-duration BCL2i+cBTKi trial designed to show superiority against V+O**
- Ongoing IITs with ven / sonro and obin<sup>5</sup>

<sup>1</sup> Brown et al. Sustained Benefit of Zanubrutinib vs Ibrutinib in Patients With R/R CLL/SLL: Final Comparative Analysis of ALPINE. Blood. 2024.

<sup>2</sup> Shadman et al. Zanubrutinib in Acalabrutinib-Intolerant Patients with B-Cell Malignancies. ASH 2023

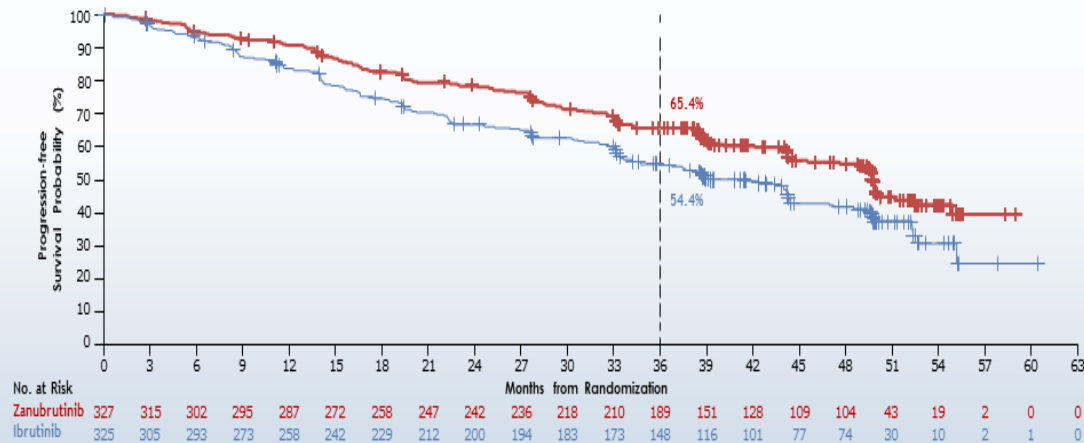
<sup>3</sup> Garcia – Sanz et al. Clinical Outcomes in Patients with Waldenström Macroglobulinemia Receiving Ibrutinib on the Phase 3 ASPEN Study ≥1 Year After Transitioning to Zanubrutinib. ASH 2023

<sup>4</sup> Hwang et al. Comparison of Treatment-Emergent Adverse Events of Acabrutinib and Zanubrutinib: Meta-Analysis by Mayo Clinic. EHA 2023

<sup>5</sup> IITs – Investigator Initiated Trials

# BRUKINSA Demonstrates Sustained Superiority Benefit over Ibrutinib in R/R CLL

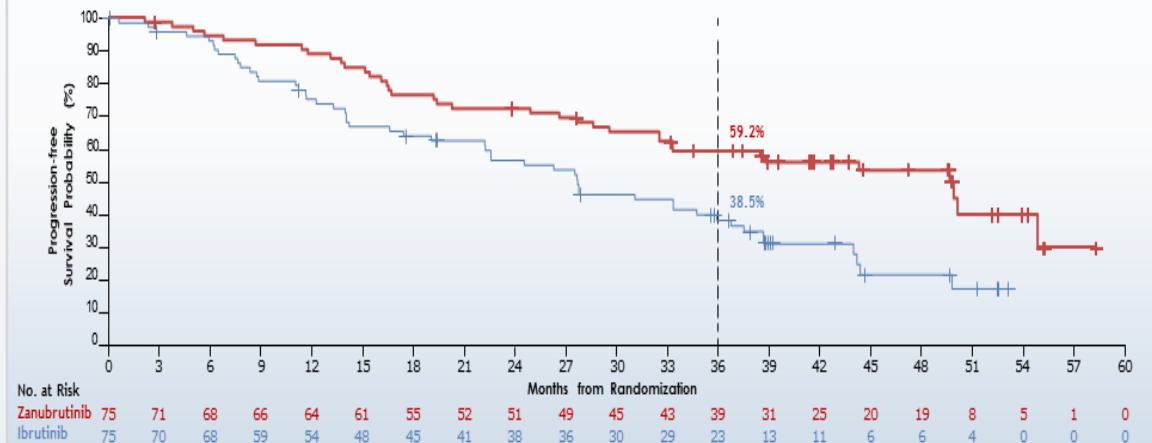
## PFS superiority sustained at 42.5 months<sup>1</sup>



Separation of PFS curves continues at median **42.5 months** follow-up where acalabrutinib curves crossed in ELEVATE-RR and showed non-inferiority (HR=1)

	PFS events, n (%)
<b>BRUKINSA</b>	150 (45.9)
<b>Ibrutinib</b>	177 (54.4)
<b>HR (95% CI) 0.68 (0.54-0.84)</b>	<b>P=0.0005</b>

## PFS in del(17p)/TP53 subset consistent with IIT patient population



PFS superior benefit over ibrutinib demonstrated in patients with **del(17p)/TP53mut**; in this subset acalabrutinib was only non-inferior to ibrutinib also with HR =1

	PFS events, n (%)
<b>BRUKINSA</b>	36 (48.0)
<b>Ibrutinib</b>	51 (68.0)
<b>HR (95% CI) 0.51 (0.33-0.78)</b>	<b>P=.0047</b>

<sup>1</sup>Brown et al. Sustained Benefit of Zanubrutinib vs Ibrutinib in Patients With R/R CLL/SLL: Final Comparative Analysis of ALPINE. Blood, 2024

# Sonrotoclax

Potential best-in-class BCL2 inhibitor with differentiated profile

## BCL2 inhibitor

### More potent and specific BCL2i

- **Greater potency** vs. venetoclax in preclinical models
- **Active against mutated G101V BCL2** (known resistance mechanism to venetoclax)<sup>1</sup>
- **Higher selectivity** towards BCL2 believed to translate to **improved tolerability**

### Potential Best-in-Class Profile

- **With 1300+ patients treated**, early clinical experience **reinforces pre-clinical data** and best-in-class hypothesis
- **Deep and durable responses** in monotherapy and combinations including with **BRUKINSA**
- **Shorter half-life** vs. venetoclax and **no drug accumulation** leading to improved safety and TLS profile

### Multiple Registration Pathways

- **Phase 3 registrational study ongoing in TN CLL** with potential to be best in disease **fixed duration combination and SOC** globally
- **Monotherapy** potential in post-BTKi setting with early **registration options in CLL, WM and MCL**
- **Two Phase 3 studies in R/R CLL and MCL starting in 1H 25**

### Broad Clinical Relevance

- Pivotal trials designed to show **Head-to-Head superiority** against relevant commercial comparators
- **Easier ramp-up and eliminating TLS monitoring unlocks use by all physicians**; Aligned plan with the FDA based on **no TLS**
- **Further ramp-up optimization ongoing**

### Extends our footprint in heme malignancies

- **Important MOA in CLL** as well as other B-cell malignancies
- Compelling efficacy and safety data in **AML/MDS** in combination with azacytidine
- Encouraging data with potential to be first BCL2i approved in **MM with t(11,14)**

<sup>1</sup> Liu et al.; Sonrotoclax overcomes BCL2 G101V mutation–induced venetoclax resistance in preclinical models of hematologic malignancy. [Blood 2024; 143 \(18\): 1825–1836.](#)



# BTK Degradator (BGB-16673)

CDAC platform developed by BeiGene is the most advanced BTK degrader in the clinic

## BTK CDAC

### Designed to be Best-in-Class

- Clinical responses observed across several B-cell histologies including patients who received prior cBTKi and ncBTKi<sup>1</sup>
- Responses deepening with longer follow-up. **CRs<sup>2</sup>** /**VGPRs<sup>3</sup>** observed in heavily pretreated patients
- Activity against both **wild type and mutant** versions of BTK<sup>2</sup>
- Can **penetrate the blood brain barrier<sup>4</sup>**

### Differentiated Safety Profile

- Lack of IMiD activity vs. competitors allows **improved safety**
- Low grade 3/4 neutropenia in heavily pre-treated patients
- Safe and tolerable in **350+ patients treated**

### Robust Development Plan

- Expansion cohorts in both R/R and BTKi naïve B-cell malignancies
- Platform study in B-cell malignancies evaluating **BGB-16673 in novel combinations**
- Anticipate initiation of **Phase 3 in R/R CLL in 1H 25**
- **FDA Fast Track Designation in R/R CLL/SLL**

### Growing Our Hematology Leadership

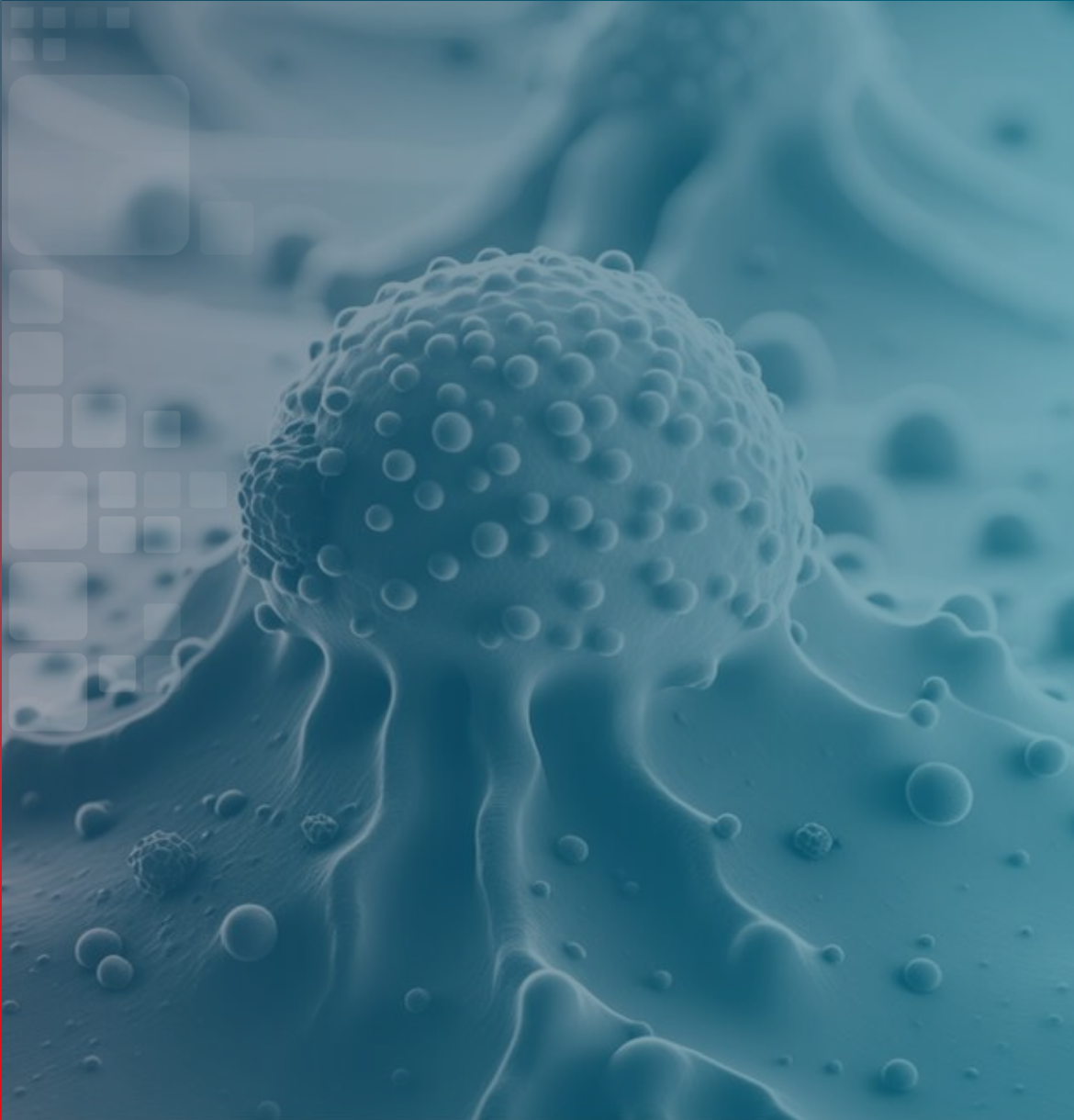
- Initially become SOC therapy for patients progressing after BTKi
- Move to earlier lines of therapy as monotherapy and combinations
- Ability to combine with other agents as a backbone therapy
- Degradation MOA may **expand into additional disease areas** (DLBCL, Richter's, Follicular)

1. Seymour et al. First Results from a Phase 1, First-in-Human Study of the Bruton's Tyrosine Kinase (BTK) Degradator BGB-16673 in Patients (Pts) with Relapsed or Refractory (R/R) B-Cell Malignancies. ASH 2023

2. Presented at the EHA2024 Congress; June 13-16, Preliminary Efficacy and Safety of the Bruton Tyrosine Kinase Degradator BGB-16673 in patients with R/R CLL: Results from the Phase 1 BGB-16673-101 Study; Ricardo D. Parrando et. al

3. IWWW October 2024; Preliminary Efficacy and Safety of the Bruton Tyrosine Kinase Degradator BGB-16673 in Patients With Relapsed or Refractory Waldenström Macroglobulinemia: Results From the Phase 1 CaDAnCe-101 Study; John F. Seymour et. al

4. Based on internal preclinical data



# Diverse Solid Tumor Portfolio

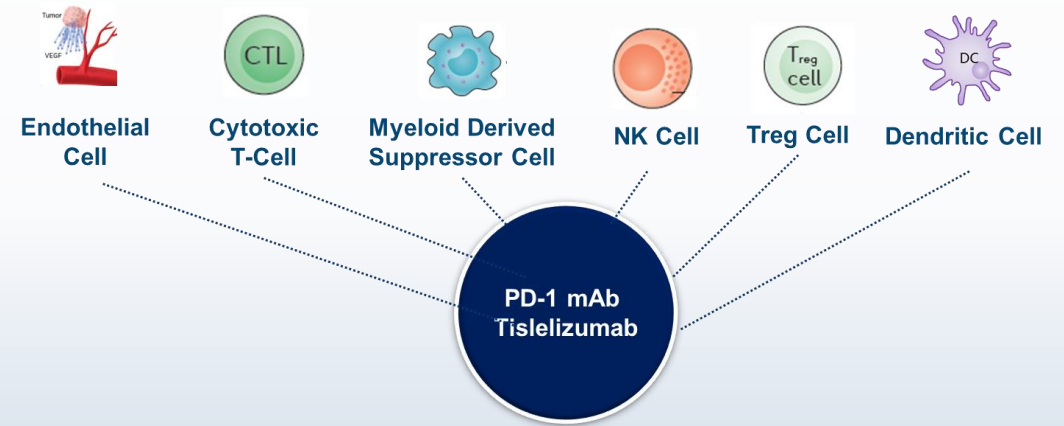
# TEVIMBRA-Centered Pan Tumor Pipeline Poised for Global Patient Impact



## TEVIMBRA accomplishments

- TEVIMBRA (tislelizumab) has generated sales in China, Austria, Germany, Norway, Switzerland, S. Korea, and the U.S.
- TEVIMBRA was included in a PD-1 inhibitors ODAC for 1LGC and 1L ESCC which recommended a harmonized PD-L1 expression level cut-off
- Positive CHMP opinion received for 1L ESCC and 1L GC BLAs
- Global approvals including Neo adj/adj NSCLC in CN, 2L NSCLC in BR, SG, TH, 1L/2L NSCLC in UK, and 2L ESCC in HK, BR, SG, IL, TH have been achieved.
- 14 indications approved in China; 1L GC, 1L SCLC and 1L HCC are pending NRDL
- More than 1.3 million patients treated worldwide, including the first European patient treated with TEVIMBRA following launch in Austria
- Sales totaled \$163 million in Q3 2024, representing growth of 13% compared to the prior-year period

## TEVIMBRA is an optimal combination partner

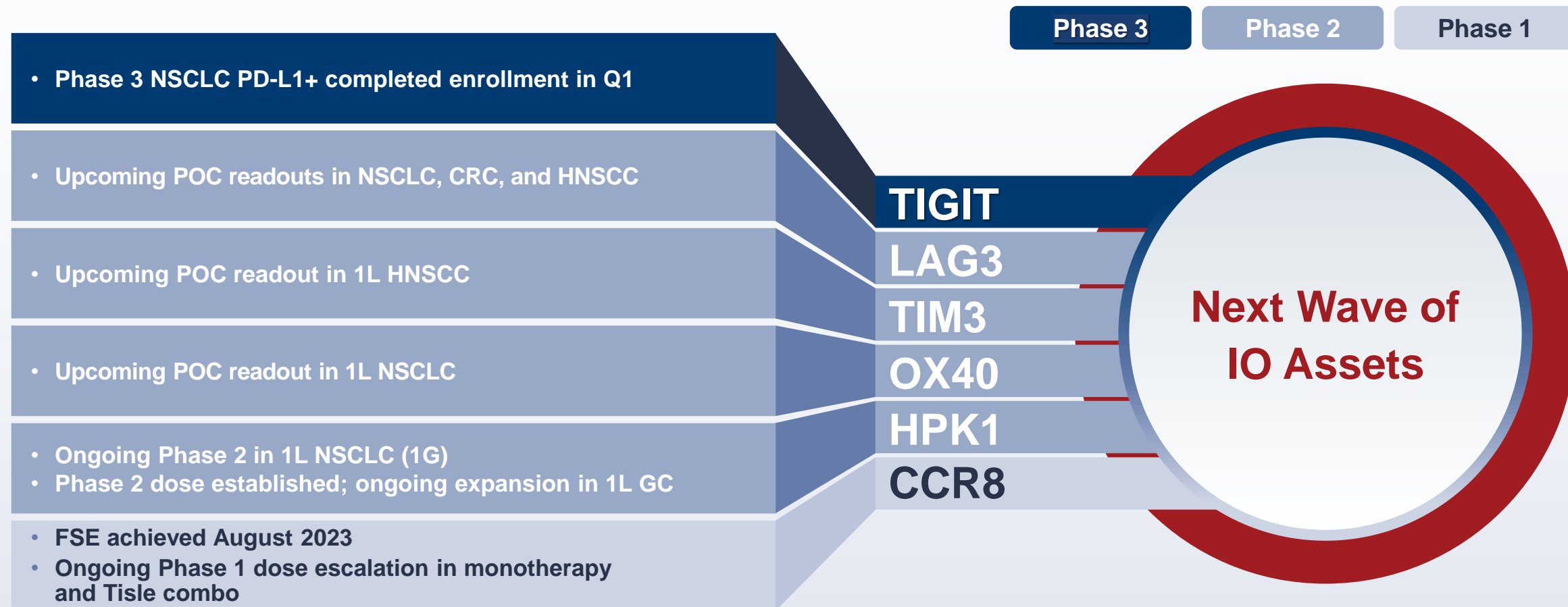


- Strong data in broad set of indications
- >20 internal and >25 external\* combination studies ongoing
- Diverse pipeline combinations enable multiple immune-modulating approaches

\* Excludes investigator-initiated trials  
Detailed descriptions included in appendix slides

# Solid Tumor Portfolio: Clinical Stage Assets

Next wave of immuno-oncology programs in combination with TEVIMBRA



# Innovative Solid Tumor NME Early Pipeline

Differentiated molecules with multiple modalities in priority tumor types

## Lung



PanKRASi

MTA Cooperative  
PRMT5i

SMAC Mimetic\*

CEA ADC\*

B7H3 ADC\*

EGFR CDAC

EGFR x MET Tsp\*

## Breast/Gynecologic



CDK4i\*

CDK2i\*

Next-gen  
BCL2i\*

SMAC Mimetic\*

B7H4 ADC\*

Claudin6 x CD3

## GI



PanKRASi

FGFR2b ADC

CEA ADC\*

GPC3 x 4-1BB\*

MUC1 x CD16A\*

## Pan-Tumor



DGKζi\*

HPK1i\*

CCR8\*

IL-15 prodrug\*

Small molecule

Protein degrader

Bi/Tri-specific

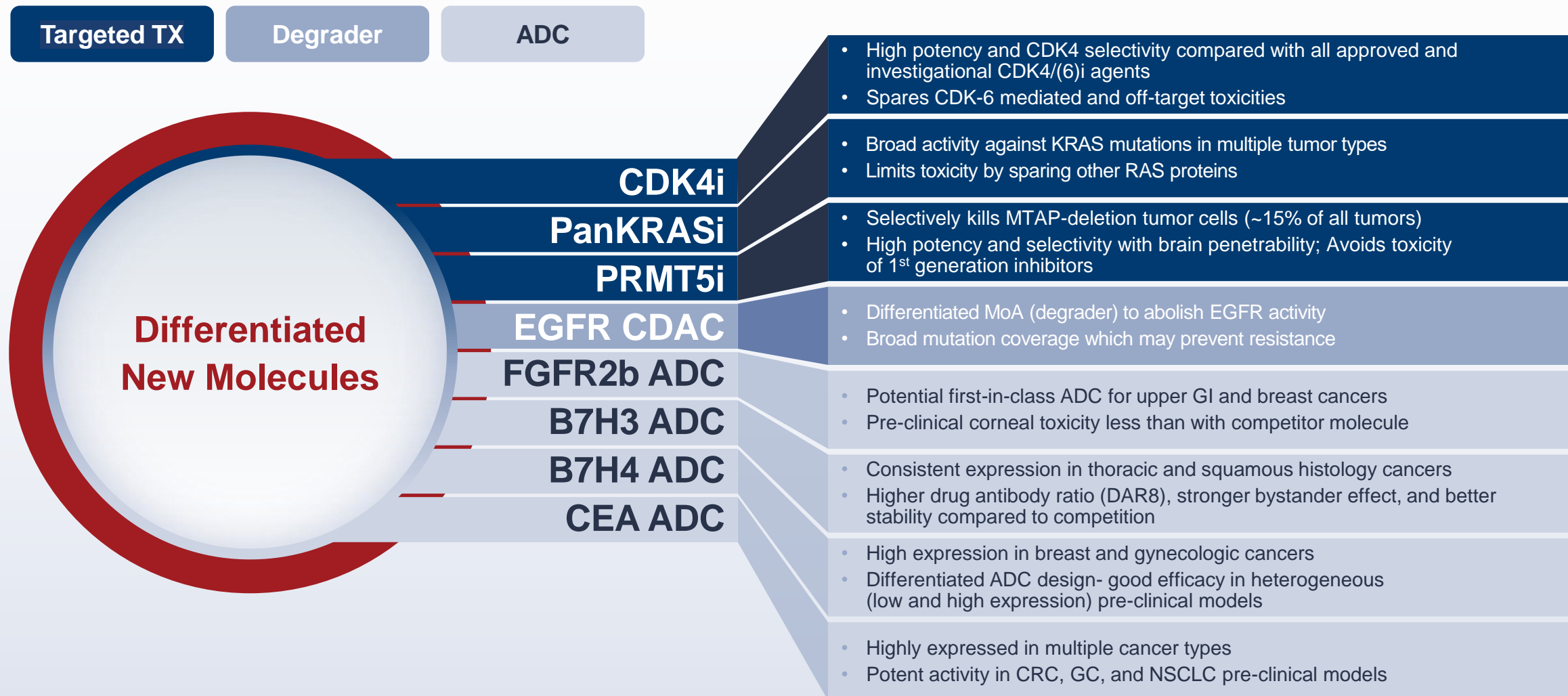
mAb

ADC

Cytokine therapy

BeiGene has global rights for CDK2  
(Ensem partnership) and B7H4 ADC (DualityBio partnership)  
\* In the clinic

# Exciting Early Programs Aim to Deliver FIC/BIC Molecules



# Amgen Development Collaboration Progress

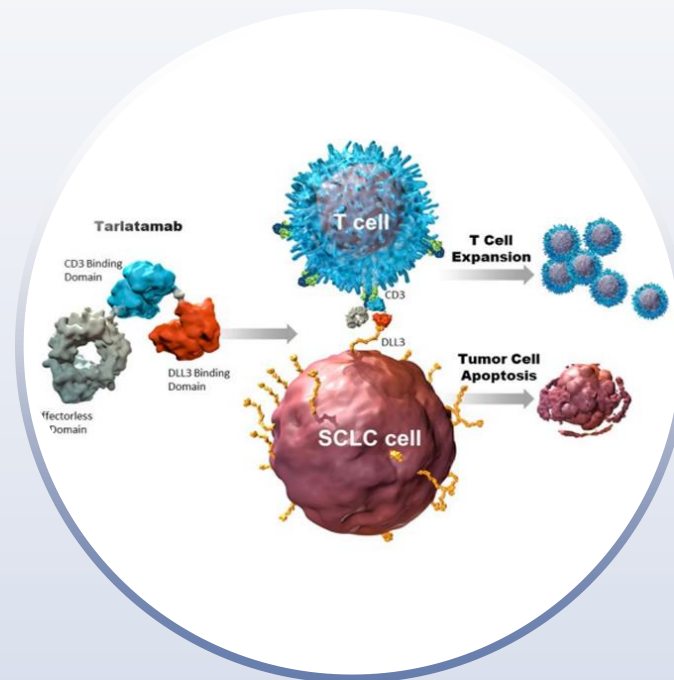
Two priority programs in Amgen's oncology pipeline

**Tiered mid-single digit royalties on net sales of potential blockbuster products globally; developing these assets with commercial rights in China**

**IMDELLTRA™ (tarlatamab-dlle) first-in-class (DLL3 x CD3)** First T-cell engager to demonstrate activity in small cell lung cancer. U.S. drug-treated population of ~35K across all lines of disease

**Xaluritamig, first-in-class (STEAP1 x CD3)** Enrolling Phase 1 dose expansion in prostate cancer. STEAP1 is expressed in >80% of prostate cancer patients

- **FDA approved<sup>1</sup> in May 2024 for the treatment of adult patients with extensive-stage small cell lung cancer (ES-SCLC)**
- Durable ORR of 40% at 10mg dose and est. OS at 9 mos. was 68%<sup>2</sup> in SCLC
- Global Phase 3 trial in 1L ES-SCLC was initiated; enrollment of global Phase 3 trials in 2L SCLC and limited-stage SCLC is ongoing



- January 2024 data<sup>3</sup> provides compelling proof-of-concept
- Dose-exploration data from patients with mCRPC with the majority of participants having received 3 or more prior lines<sup>2</sup>
- RECIST ORR of 41% at doses  $\geq 0.75$  mg<sup>3</sup>

<sup>1</sup> Accelerated approval. Continued approval may depend on confirmatory trials

<sup>2</sup> N Engl J Med 2023; 389:2063-2075, DOI: 10.1056/NEJMoa2307980

<sup>3</sup> Cancer Discov. 2024 Jan 12;14(1):76-89. doi: 10.1158/2159-8290.CD-23-0964

SCLC = small cell lung cancer, ES = extensive stage,  
mCRPC = metastatic castration-resistant prostate cancer

# Completed Our Capital Investment in State-of-the-Art Manufacturing Capabilities to Support Global Growth and Broad Portfolio

## State-of-the-art biologics manufacturing facility in Guangzhou



- Current total capacity of 65,000L
- Guangzhou South Campus for ADC production opened in April 2024

## Multi-functional manufacturing facility in Suzhou



- Commercial-scale small molecule drug products facility
- Aligned with the design criteria of U.S., EU, and China
- Diamond Site opened in November 2023 that increased capacity by more than 5 times

## U.S. manufacturing facility at the Princeton West Innovation Center, NJ



- 42-acres of state-of-the-art biologics manufacturing site
- Site opened in July 2024
- 1 million+ sq ft of space for future expansion

## Experienced, high-quality manufacturing partners



Manufacturing collaborations with leading manufacturers in biologics and small molecules



# Overview of State-of-the-Art Manufacturing Facility – Hopewell, NJ

## First U.S. Manufacturing Facility



Opened in **July 2024**



**42-acre green-field site** (1,800,000 ft<sup>2</sup>)  
at Princeton Innovation Center



**Phase I** with 150,000 ft<sup>2</sup> built



**Expandable** to Small Molecule and ADC



Platform standardization allowing efficient tech transfer and shared world-wide resources

DS | Drug Substance  
DP | Drug Product  
CUB | Central Utility Building



# Key Catalysts

## Approved Products ✓

### BRUKINSA

- 2H24: WM and CLL/SLL JP approval
- 2H24: Tablet formulation U.S./EU submission ✓
- 1H25: Tablet formulation U.S. approval
- 2H25: Tablet formulation EU approval

### TEVIMBRA

- 1H24: 1L ES-SCLC CN approval ✓
- 2H24: Q2W 2L ESCC U.S. submission ✓
- 2H24: Neo/adj NSCLC CN approval ✓
- 2H24: 1L ES-SCLC EU submission ✓
- 2H24: 1L NPC EU submission ✓
- 2H24: Neo/adj NSCLC EU submission
- 2H24: 1L ESCC U.S. approval\*
- 2H24: 1L Gastric U.S. approval
- 1H25: 2L ESCC Q2W U.S. approval
- 1H25: 1L Gastric EU approval
- 1H25: 1L ESCC EU approval
- 1H25: 1L and 2L ESCC JP approval

\* Due to a delay in scheduling clinical inspections, the target PDUFA date of July 2024 was deferred

<sup>1</sup> Jazz/Zymeworks collaboration; BeiGene has commercial rights in APAC (excluding Japan), Australia, New Zealand

<sup>2</sup> 9 NMEs brought into the clinic YTD 2024, including CDK2i, B7H4 ADC, IRAK4 CDAC, B7H3 ADC, IL-15 prodrug, GPC3 x 4-1BB, MUC1 x CD16A, CEA ADC, EGFRxMET TsAb

## Pipeline ▶ ▶ ▶

### Sonrotoclax

- Ongoing Phase 3 in TN CLL
- Initiate Phase 3 in R/R CLL in 1H25
- Initiate Phase 3 in R/R MCL in 1H25
- Additional data read outs in B-cell malignancies, MM, MDS, and AML

### BTK CDAC

- Initiate Phase 3 in R/R CLL in 1H25
- Ongoing expansion cohort (potential registration intent) for R/R CLL
- Additional data read outs in B-cell malignancies

### Tislelizumab Combinations

- Lung cancer combination cohorts with BGB-A445 (OX40 mAb) and LBL-007 (LAG3 mAb) expected to read out in 1Q25 and expected publication in 1H25
- Multiple GI combination cohorts with LBL-007 (LAG3 mAb) expected to read out in 2025

### Zanidatamab<sup>1</sup>

- 2L HER2+ Biliary Tract Cancer, CN approval projected in 2H25

### Early Clinical Development

- Phase 2 dose identification for CCR8, CDK4i
- Bring 10+ NMEs<sup>2</sup> into the clinic including EGFR CDAC, PRMT5, pan-KRAS, ADC programs, and bispecific antibodies
- Clinical validation of internal ADC platform – payload, linker and targets

# Our Commitment to Responsible Business and Sustainability

## Advancing Global Health

- Innovative products
- Patient access, engagement and advocacy



## Empowering Our Colleagues

- Diversity, equity, inclusion and belonging
- Engagement, well-being and volunteerism



## Innovating Sustainably

- Climate and environmental impact
- Product stewardship



## Operating Responsibly

- Integrity, governance and risk management
- Responsible sourcing



Our ambition is to be a leading corporate citizen, acting with courage, creativity, and discipline to provide equitable benefit to our patients, business, and society. Our strategy for the coming years focuses on four areas aligned with BeiGene's mission, vision and values. These focus areas are supported by key strategic priorities.

Our [2023 Responsible Business and Sustainability Report](#), published in April 2024, details our efforts in each of these areas and describes recent progress.



*Thank you*



# Appendix

# CDK4 Inhibitor

Next-generation CDK4 inhibitor aiming for better efficacy and less toxicity

Despite CDK4/6 inhibitor success (estimated peak sales over \$18B), unmet medical need still exists as all have been associated with dose-limiting toxicities and development of resistance mutations

**BGB-43395 is a potential best-in-class CDK4 inhibitor spares CDK-6 mediated and off-target toxicities**

- Highly potent and selective compared with all approved and investigational CDK4/(6)i agents
- Well tolerated in GLP TOX study w/o concerning neutropenia or GI toxicity issues

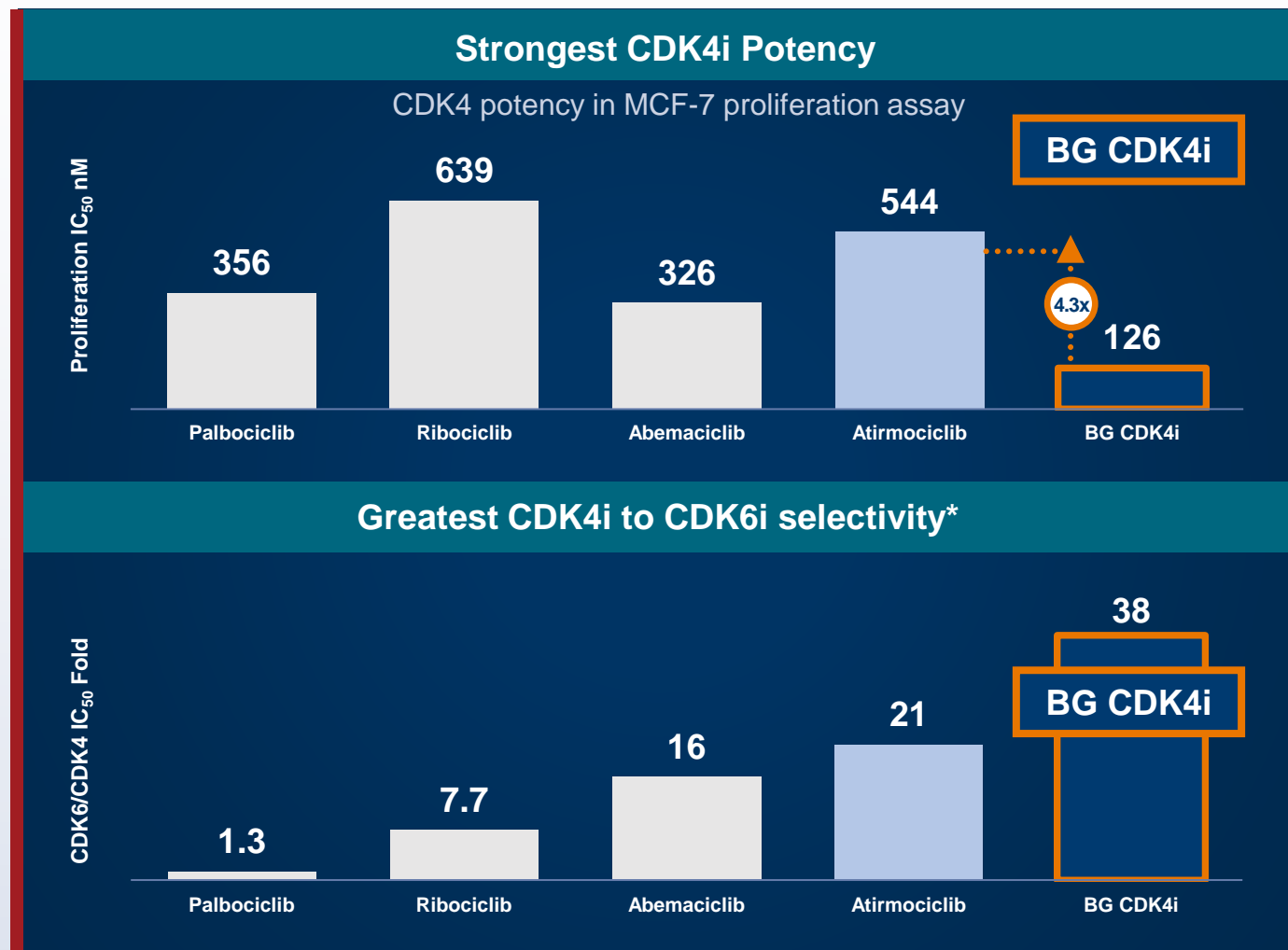
**Potential first-in-class in other tumor types including ovarian, endometrial cancer, lung, and prostate**

**Currently in Phase 1 development**

- 100+ subjects enrolled
- 7 mono and 3 fulvestrant/letrozole combo dose escalation cohorts completed with PK as expected
- First clinical data at SABCS 2024

CDK4 cellular IC50 measured through pRB in Jeko-1

CDK6 cellular IC50 measured through pRB in Pfeiffer with CDK4 KO



# PanKRAS Inhibitor

Differentiated to address broad range of KRAS mutations in multiple tumor types

## KRAS mutations found in ~19% of all tumor types\*

- KRASmut shows the most robust cancer cell dependencies
- So far, no effective therapy for non-G12C KRASmut tumors

## PanKRAS inhibitor is differentiated from mutation selective KRAS inhibitor

- Address broader KRAS mutations
- Minimal impact on normal tissues due to N/HRAS compensation

## BGB-53038 demonstrates good potential in preclinical studies

- Highly potent across different KRAS mutations
- High selectivity of KRAS sparing N/HRAS
- Robust efficacy in multiple KRAS-driven models

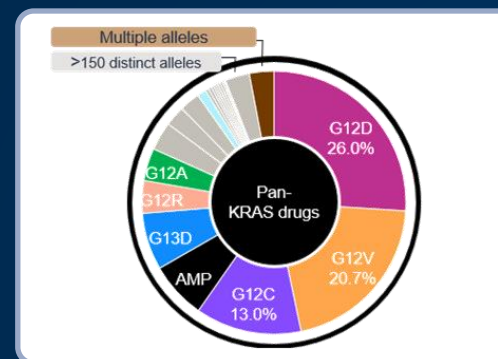
## On track to enter the clinic in 4Q 2024

Pharmacol Res. 2019 Jan; 139:503-511

Zhu, C. et al. Mol Cancer 21, 159 (2022)

J Thorac Dis 2020;12(7):3776-3784

## KRASmut prevalence in all cancers

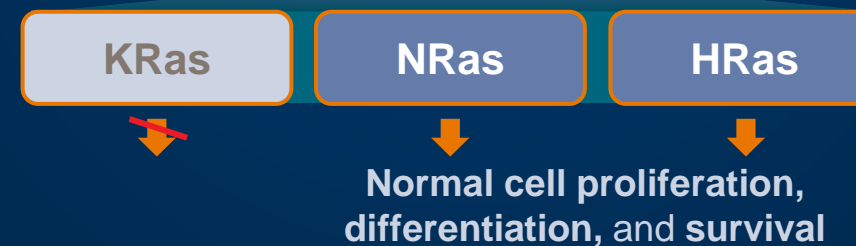


## New cancer patients with KRAS<sup>mut</sup> /year in US

Indication	Non-G12C	G12C
<b>PDAC</b>	50,658	659
<b>CRC</b>	70,486	4,065
<b>LUAD</b>	19,291	12,492

## BGB-53038 has no N/HRAS activity hence sparing normal tissue

### Upstream signaling



# MTA-Cooperative PRMT5 Inhibitor

Next-generation PRMT5 inhibitor avoiding hematological toxicity

**BGB-58067 is 2<sup>nd</sup> generation, MTA-cooperative PRMT5 inhibitor** selectively kills MTAP-deletion tumor cells, yet spares normal hematological cells

**MTAP-deletion is found in 15% of all tumor types\***

- 8% in lung adenocarcinoma and 19% in lung squamous cell carcinoma
- 10% in gastric adenocarcinoma and 28% in esophageal adenocarcinoma

## Compelling pharmacological properties

- Highly potent and selective on MTAP-deletion cells
- Brain penetrative and good intracranial efficacy
- Desirable half-life supports daily dosing

**On track to enter clinic in 4Q 2024**

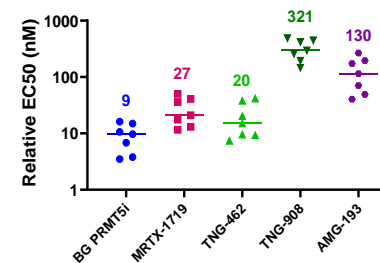
PRMT5: protein arginine methyltransferases 5  
MTA: methylthioadenosine  
MTAP: methylthioadenosine phosphorylase

\*2020 Globocan; Konstantinos. M et al. Science. 2016, 351(6278): 1208-1213.

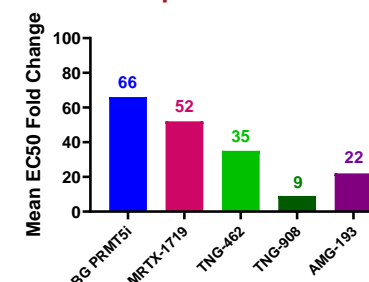
## Stronger potency than leading competitors in MTAP<sup>DEL</sup> cells

### MTA-cooperative PRMT5i killing activity

Different dots in the “Tumor Cells” panel indicate different tumor cell lines. Del, deletion.



### MTA-cooperative PRMT5i killing selectivity



Mean EC50 fold change of cell killing in 7 MTAP<sup>DEL</sup> and 2 MTAP<sup>WT</sup> cell lines

## Higher brain penetration than leading competitors and good intracranial efficacy may address brain metastasis & GBM

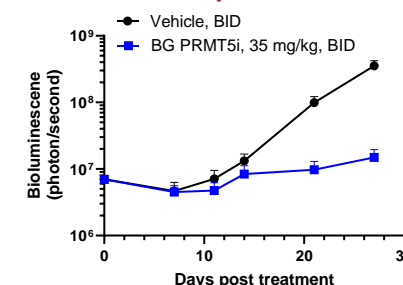
K<sub>puu,brain</sub> (mouse)

<b>BG PRMT5i</b>	<b>18%</b>
AMG-193	17.1%
TNG-908	6.8%

MRTX-1719 and TNG-462 are reported as **non-brain penetrative**

PRMT5i, PRMT5 inhibitor; DEL, deletion

### U87-luc2 orthotopic MTAP<sup>DEL</sup> model





# EGFR CDAC

Truly differentiated MoA to completely abolish EGFR signaling

**EGFR mutant NSCLC is a large oncogene-driven subgroup with estimated class peak sales of \$12B**

~50% lung adenocarcinoma in Asian and 15% in Caucasian\*

**BG-60366 is a novel, potentially best-in-class EGFR degrader**

- Broad coverage of EGFR mutations and destruction of EGFR scaffold function yields sustained signaling inhibition
- Non-redundant mechanisms may prevent the emergence of resistance when used in early lines of therapy

**Promising preclinical candidate profile**

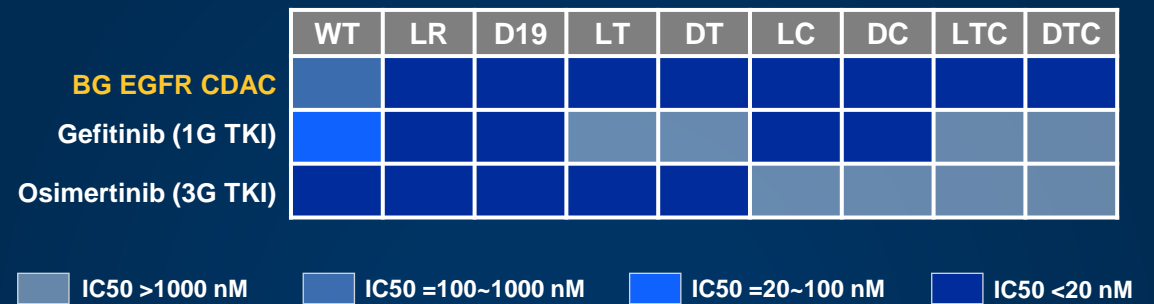
- Highly potent across Osimertinib-sensitive and resistant EGFR mutations
- Spares WT EGFR and good proteome selectivity
- Strong efficacy with oral, daily dosing

**On track to enter the clinic in 4Q 2024**

WT: wild-type; LR: L858R; D19: exon 19 deletion; DT: exon 19 deletion/T790M; LT: L858R/T790M; DC: exon 19 deletion/C797S; LC: L858R/C797S; DTC: exon 19 deletion/T790M/C797S; LTC: L858R /T790M/C797S

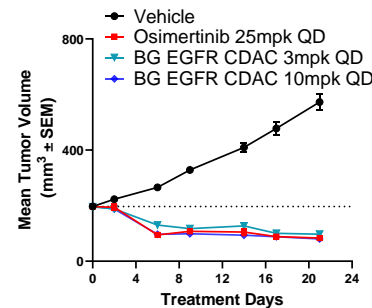
\* 2020 Globocan; Wang P, et al. J ThoracDis. 2017, 9(7): 1973-1979; Wen S, et al. Oncologist. 2019, 24(11):e1070-e1081; J Clin Oncol . 2022 Feb 20;40(6):611-625.

**Broadest EGFRmut coverage while sparing WT EGFR**

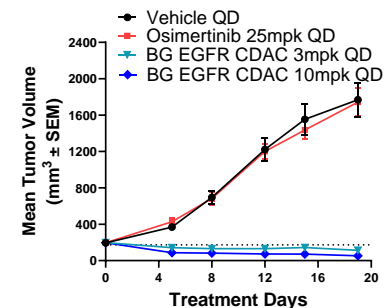


**Robust efficacy in both osimertinib-sensitive and resistant xenograft models**

**Osimertinib-sensitive HCC-827-D19 model**

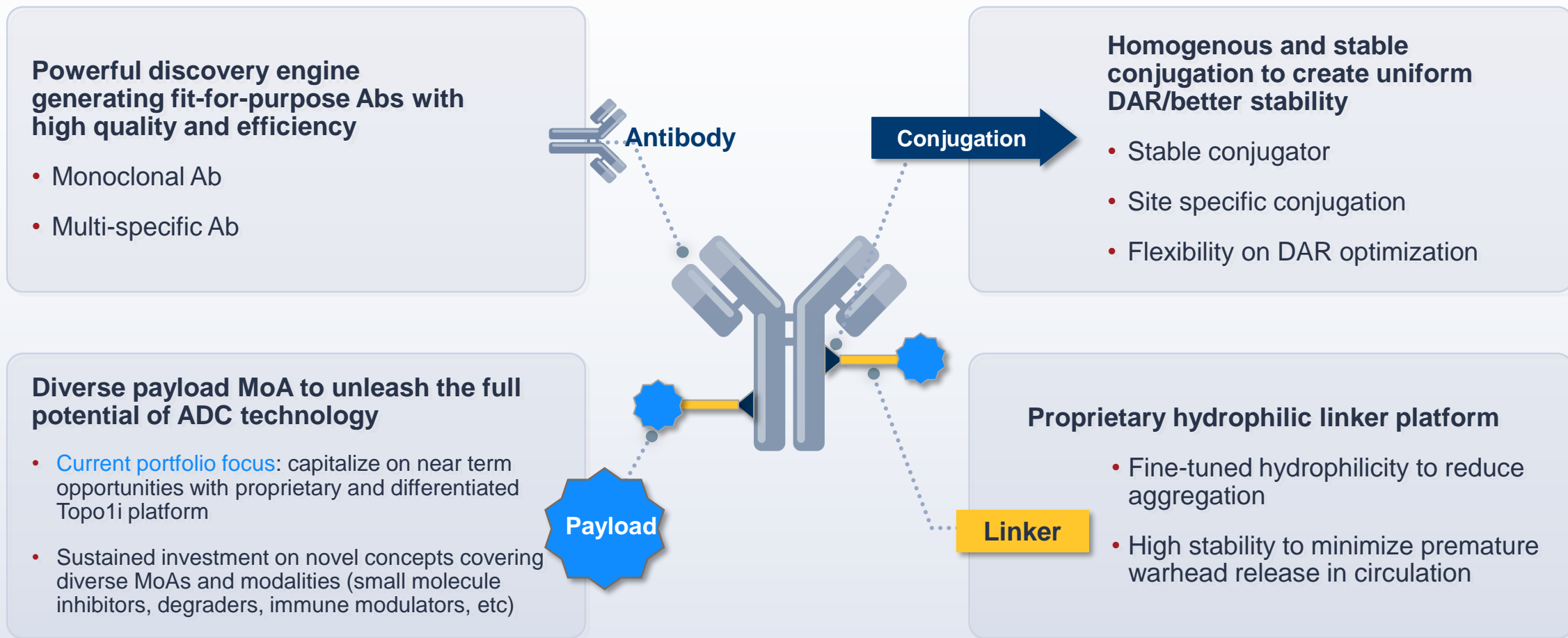


**Osimertinib resistant H1975-L858R/C797S model**



# BeiGene's ADC Platform

Integrate innovations across essential ADC components to obtain BIC/FIC ADCs



Topo1i, Topoisomerase I inhibitor

# CEA ADC

Differentiated ADC design aiming for better efficacy in CEA+ lung and GI cancers

CEACAM5 (CEA) is a well-established TAA highly expressed in lung and GI cancer\*

Cancer type	High CEA expression	Medium to low CEA expression
Lung adenocarcinoma	7%	31%
Gastric	26%	22%
Colorectal	51%	36%

SAR701 demonstrated clinical activity in CEA High lung cancer (20% ORR), yet with significant room to improve

BG-C477 is differentiated to enhance efficacy benefit

- Different payload strategy: topoisomerase I inhibitor
- High DAR (8), stable conjugator and hydrophilic linker design

FSE achieved October 2024

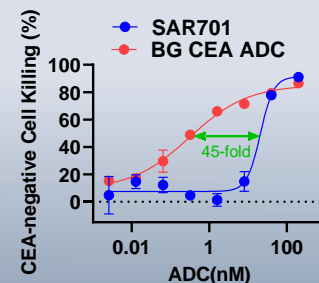
\* Stéphanie Decary et al., Clin Cancer Res, 2020 Dec 15;26(24): 6589-6599  
SAR701 is in short for SAR408701, CEA ADC from Sanofi

## BG CEA ADC with differentiated ADC design

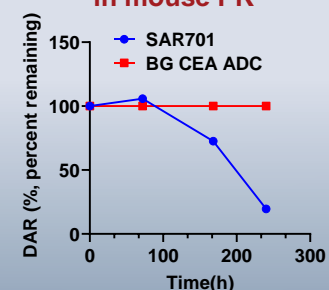
Attribute	Tusamutumab	BG CEA ADC	BeiGene advantage
<b>Payload</b>	DM4	Proprietary Topol inhibitor	<ul style="list-style-type: none"> <li>• Payload MoA is better fit for target indications</li> <li>• Stronger bystander effect</li> </ul>
<b>DAR</b>	4	8	<ul style="list-style-type: none"> <li>• Higher DAR</li> </ul>
<b>Linker</b>	SPDB disulfide	Hydrophilic	<ul style="list-style-type: none"> <li>• Better ADC stability</li> </ul>
<b>Conjugation</b>	Lysine	Cysteine (w/ stable conjugator)	<ul style="list-style-type: none"> <li>• Better ADC homogeneity and stability</li> </ul>

## Superior ADC- bystander effect, stability and efficacy

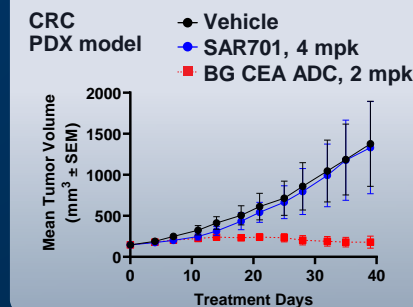
### Stronger bystander killing



### Better DAR stability in mouse PK



### Superior efficacy



Topol, Topoisomerase I; SAR701 biosimilar used as benchmark; CRC: colorectal cancer

# B7-H3 ADC

BIC potential with stable DAR8 and strong bystander effect

Highly expressed in multiple tumor types, including lung, GI, head and neck and gynecological cancers<sup>1</sup>

B7-H3 Expression	LUSC	LUAD	ESCC	CPRC	HNSCC	EC	OC
Medium/High (H-score 101-300)	84%	39%	80%	74%	74%	89%	25%

Clinical validation by ifinatamab deruxtecan in small cell lung cancer

BGB-C354 is differentiated with BIC potential

- High DAR (DAR8) to enhance payload delivery
- Proprietary drug-linker with strong bystander effect to address tumor heterogeneity
- Stable conjugator to improve stability and tumor presence

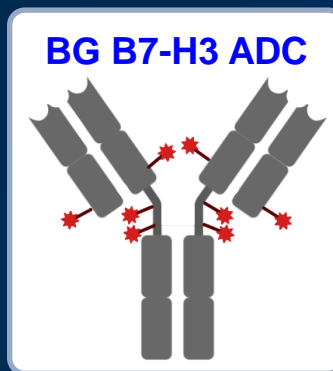
Currently enrolling monotherapy dose escalation

<sup>1</sup> Michiko Yamato et al., Mol Cancer Ther, 2022

LUSC: lung squamous cell carcinoma; LUAD: lung adenocarcinoma; ESCC: Esophageal squamous cell carcinoma; CPRC: castration-resistant prostate cancer; HNSCC, Head and neck squamous cell carcinoma; EC: endometrial cancer; OC: ovarian cancer

DS-7300 is B7-H3 ADC lead competitor from Daiichi Sankyo

## BG B7-H3 ADC: differentiated molecular design

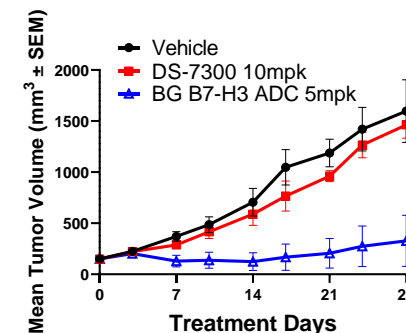
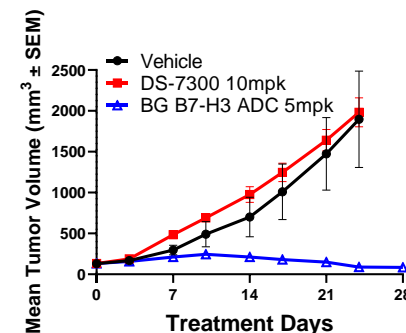


Attribute	DS-7300	BG B7H3 ADC	BeiGene advantage
DAR	4	8	Higher DAR
Payload-Linker	DXd-GGFG	Topol inhibitor-hydrophilic linker	Stronger bystander effect
Conjugation	Traditional Cysteine conjugation	Stable conjugator	Better stability

Topol, Topoisomerase I

## Robust efficacy in DS-7300 resistant PDX models

Lead competitor biosimilar used as benchmark



# B7-H4 ADC

Asset to potentially boost ADC pipeline in breast and gynecologic cancers

## ADC target with broad expression in breast and gynecologic cancers

- ~45% in triple-negative breast cancer
- ~60% in endometrial carcinomas
- ~50% in ovarian cancer

## BG-C9074 has enhanced probability of success

- Early clinical proof of concept by HS-20089 and SGN-B7H4V in breast cancer
- Robust ADC design leveraging technology from Duality Bio, a clinically validated ADC platform
- Robust efficacy in PDX models

## Currently enrolling monotherapy dose escalation and safety expansion

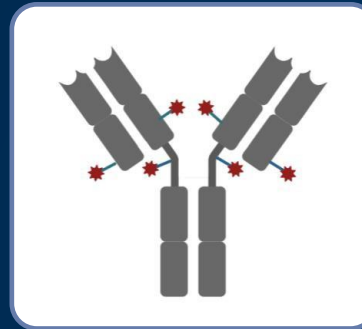
HS-20089 and SGN-B7H4V are B7-H4 ADC from GSK/Hansoh and Pfizer/Seagen, respectively  
DAR = drug-to-antibody ratio  
IHC = immunohistochemistry  
PDX = patient-derived xenograft

\* P-glycoprotein (P-gp) is a protein that can cause multidrug resistance (MDR) in cancer cells by preventing the uptake of many drugs (substrates), including anticancer drugs. Not being a P-gp substrate reduces drug resistance

42<sup>nd</sup> Annual J.P. Morgan Healthcare Conference, 8Jan24.

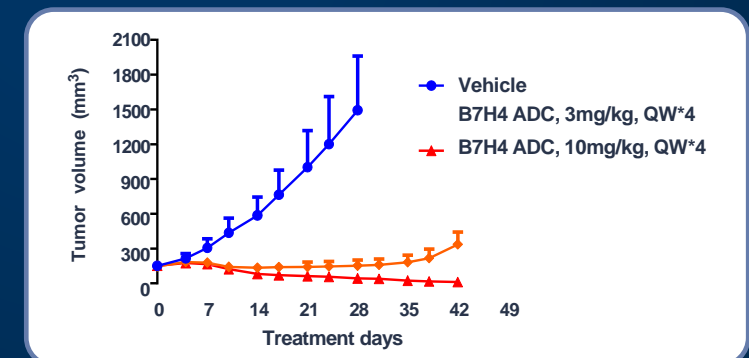
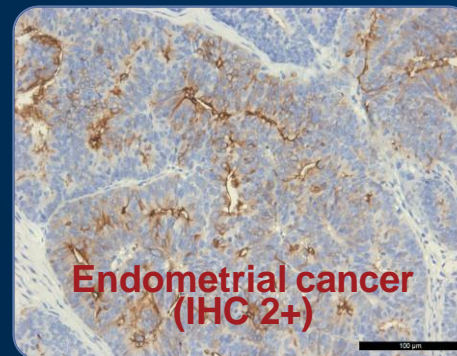
Available at: <https://ir.beigene.com/> Accessed 15Jan24

## BG B7-H4 ADC molecular design



- Clinically validated drug linker design
- Non-Pgp substrate payload\*
- Strong bystander effect
- DAR6 to balance efficacy and toxicity

## Robust efficacy in B7-H4 low/heterogeneous PDX model



# FGFR2b ADC

Differentiated modality to pursue best-in-class opportunity

## Clinically validated target in upper GI cancers with additional opportunity in breast cancer

- FGFR2b positive (IHC 2+/3+) in ~ 24% gastric cancer (GC)<sup>1</sup>
- Bemarituzumab combo with chemo has shown good efficacy
- Opportunity to improve efficacy and reduce ocular toxicity<sup>2</sup>

## Potential first-in-class ADC with differentiated antibody backbone to reduce toxicity

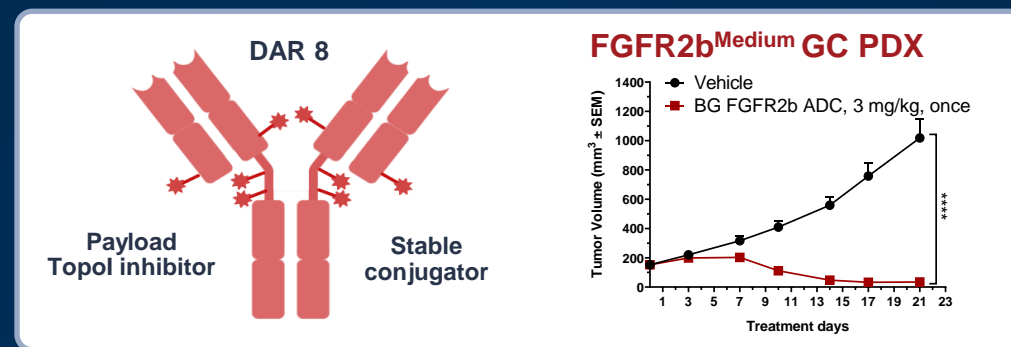
- Tumor-directed toxin delivery
- Bystander effect to address tumor heterogeneity
- Spares on-target corneal toxicity via weaker ligand blockade

On track to enter the clinic in Q4 2024

<sup>1</sup> Lancet Oncol 2022; 23: 1430–40

<sup>2</sup> Bemarituzumab only benefits a subset of patients with relatively higher FGFR2b expression. Bemarituzumab led to 26% treatment discontinuation caused by on-target corneal toxicity

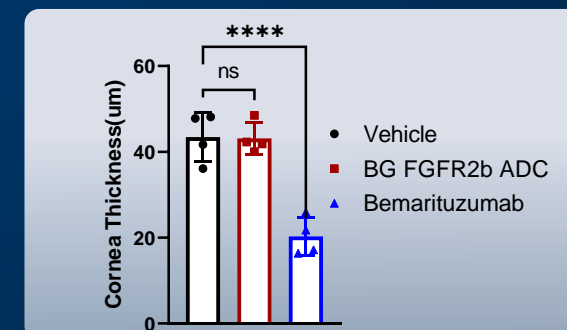
## BG FGFR2b ADC Generates Strong Efficacy in preclinical models



Topol - Topoisomerase I

## BG FGFR2b ADC Spares Corneal Toxicity In Mouse

Antibody	FGF7-FGFR2b	FGF10-FGFR2b
BG FGFR2b ADC	Weaker blocker	Non blocker
Bemarituzumab	Strong blocker	Strong blocker



BG FGFR2b ADC, 10 mg/kg, Q2W x 2 / Bemarituzumab, 10 mg/kg, BIW x 8

# Reconciliation and Calculation of Non-GAAP Financial Measurements

Reconciliation to adjusted loss from operations

(\$ in thousands)	Q3, 2024	Q3, 2023
<b>GAAP loss from operations</b>	<b>(120,265)</b>	<b>(133,968)</b>
Plus: Share based compensation	114,603	96,119
Plus: Depreciation	70,028	19,242
Plus: Amortization of intangibles	1,264	2,268
<b>Adjusted income (loss) from operations</b>	<b>65,630</b>	<b>(16,339)</b>

# Glossary

## Disease abbreviations

<b>AML</b>	Acute myeloid leukemia	<b>mCRPC</b>	Metastatic castration resistant prostate cancer
<b>BP-ALL</b>	B-precursor acute lymphocytic leukemia	<b>MDS</b>	Myelodysplastic syndromes
<b>BTC</b>	Biliary tract cancer	<b>MM</b>	Multiple myeloma
<b>CHL</b>	Classic Hodgkin's lymphoma	<b>MSI-H</b>	Microsatellite stability high
<b>CLL</b>	Chronic lymphocytic leukemia	<b>MSS CRC</b>	Microsatellite stable colorectal cancer
<b>dMMR</b>	Deficient DNA mismatch repair	<b>MZL</b>	Marginal zone lymphoma
<b>DLBCL</b>	Diffuse large B-cell lymphoma	<b>Neo/adj</b>	Neoadjuvant/adjuvant
<b>ES-SCLC</b>	Extensive stage small cell lung cancer	<b>NSCLC</b>	Non-small cell lung cancer
<b>ESCC</b>	Esophageal squamous cell carcinoma	<b>NPC</b>	Nasopharyngeal carcinoma
<b>FL</b>	Follicular lymphoma	<b>OC</b>	Ovarian cancer
<b>GEA</b>	Gastroesophageal adenocarcinoma	<b>PMN</b>	Primary membranous nephropathy
<b>GC</b>	Gastric cancer	<b>R/R</b>	Relapsed or refractory
<b>HCC</b>	Hepatocellular cancer	<b>SCLC</b>	Small cell lung cancer
<b>HNSCC</b>	Head and neck squamous cell carcinoma	<b>SLL</b>	Small lymphocytic lymphoma
<b>LS-SCLC</b>	Limited stage small cell lung cancer	<b>UC / UBC</b>	Urinary / bladder cancer
<b>MCL</b>	Mantle cell lymphoma	<b>WM</b>	Waldenström's macroglobulinemia

## Other abbreviations

<b>ADC</b>	Antibody drug conjugate
<b>AE</b>	Adverse events
<b>CDAC</b>	Chimeric degradation activation compound
<b>CR</b>	Complete response
<b>DCR</b>	Disease control rate
<b>DLT</b>	Dose-limiting toxicity
<b>DOR</b>	Duration of response
<b>EFS</b>	Event free survival
<b>LCM</b>	Lifecycle management
<b>LTE</b>	Long-term extension
<b>mAb</b>	Monoclonal antibody
<b>mOR</b>	Modified overall response
<b>MPR</b>	Major pathological response
<b>MTD</b>	Maximum tolerated dose
<b>MTx</b>	Maintenance
<b>ORR</b>	Objective response rate
<b>OS</b>	Overall survival
<b>PCR</b>	Pathologic complete response
<b>PFS</b>	Progression-free survival
<b>RDFE</b>	Recommended dose for expansion
<b>RP2D</b>	Recommended phase 2 dose
<b>SAE</b>	Severe adverse events
<b>TEAE</b>	Treatment emergent adverse events
<b>TN</b>	Treatment naïve
<b>Tsp</b>	Tri-specific antibody
<b>VGPR</b>	Very good partial response