

January 2025

43rd Annual J.P. Morgan Healthcare Conference

Innovating to Transform the Lives
of Patients and Their Families



Markella
EPIDIOLEX[®] patient diagnosed with Dravet syndrome

Transforming Lives. Redefining Possibilities.

Caution Concerning Forward-Looking Statements

This presentation contains forward-looking statements and financial targets, including, but not limited to, statements related to: the Company's growth prospects and future financial and operating results, including the ability of the Company's portfolio to drive long-term shareholder value; expectations with respect to indication expansion opportunities; 2024 total, neuroscience and oncology revenue guidance and the Company's expectations related thereto; the Company's ability to drive significant cash flow generation; the Company's commercial expectations, including with respect to revenue diversification and its expectations for significant growth; the Company's expectations with respect to the commercial potential of its products and product candidates, including the blockbuster potential for Epidiolex, the peak potential of zanidatamab, growth opportunities for Rylaze, Epidiolex/Epidyolex, Xywav and Ziihera and Zepzelca's potential approval as a first line therapy, and the potential regulatory paths related thereto; the value and growth potential of its products; the Company's net product sales and goals for net product sales from new and acquired products; the Company's views and expectations relating to its patent portfolio, including with respect to expected patent protection; planned or anticipated clinical trial events, including with respect to initiations, enrollment and data read-outs, and the anticipated timing thereof, and planned or anticipated regulatory submissions and filings and other regulatory matters, including potential approvals, including the timing thereof; and other statements that are not historical facts. These forward-looking statements are based on the Company's current plans, objectives, estimates, expectations and intentions and inherently involve significant risks and uncertainties. Actual results and the timing of events could differ materially from those anticipated in such forward-looking statements as a result of these risks and uncertainties, which include, without limitation, risks and uncertainties associated with: maintaining or increasing sales of and revenue from Xywav, Rylaze, Zepzelca, Epidiolex / Epidyolex, Ziihera and other key marketed products; effectively launching and commercializing the Company's other products and product candidates; the successful completion of development and regulatory activities with respect to the Company's product candidates; obtaining and maintaining adequate coverage and reimbursement for the Company's products; the time-consuming and uncertain regulatory approval process, including the risk that the Company's current and/or planned regulatory submissions may not be submitted, accepted or approved by applicable regulatory authorities in a timely manner or at all; the costly and time-consuming pharmaceutical product development and the uncertainty of clinical success, including risks related to failure or delays in successfully initiating or completing clinical trials and assessing patients such as those experienced, and expected to be experienced, by the Company; regulatory initiatives and changes in tax laws; market volatility; protecting and enhancing the Company's intellectual property rights and the Company's commercial success being dependent upon its obtaining, maintaining and defending intellectual property protection for its products and product candidates; delays or problems in the supply or manufacture of the Company's products and product candidates; complying with applicable U.S. and non-U.S. regulatory requirements, including those governing the research, development, manufacturing and distribution of controlled substances; government investigations, legal proceedings and other actions; identifying and consummating corporate development transactions, financing these transactions and successfully integrating acquired product candidates, products and businesses; the Company's ability to realize the anticipated benefits of its collaborations and license agreements with third parties; the sufficiency of the Company's cash flows and capital resources; the Company's ability to achieve targeted or expected future financial performance and results and the uncertainty of future tax, accounting and other provisions and estimates; the Company's ability to meet its projected long-term goals and objectives, in the time periods that the Company anticipates, or at all, and the inherent uncertainty and significant judgments and assumptions underlying the Company's long-term goals and objectives; the completion of financial closing procedures, final audit adjustments and other developments that may arise that would cause the Company's expectations with respect to the Company's 2024 revenue guidance to differ, perhaps materially, from the financial results that will be reflected in the Company's audited consolidated financial statements for the fiscal year ended December 31, 2024; and other risks and uncertainties affecting the Company, including those described from time to time under the caption "Risk Factors" and elsewhere in the Company's Securities and Exchange Commission filings and reports, including the Company's Annual Report on Form 10-K for the year ended December 31, 2023 as supplemented by the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2024, and its future filings and reports. Other risks and uncertainties of which the Company is not currently aware may also affect its forward-looking statements and may cause actual results and the timing of events to differ materially from those anticipated. The forward-looking statements made in this presentation are made only as of the date hereof or as of the dates indicated in the forward-looking statements, even if they are subsequently made available by the Company on its website or otherwise. The Company undertakes no obligation to update or supplement any forward-looking statements to reflect actual results, new information, future events, changes in its expectations or other circumstances that exist after the date as of which the forward-looking statements were made.





Jennie

Xywav patient living with IH

Our Purpose

is to innovate to transform the lives of patients and their families.

Who We Are

We are focused on developing life-changing medicines for people with serious diseases, often with limited or no therapeutic options, so they can live their lives more fully.



Caroline

Rylaze patient diagnosed with ALL / LBL

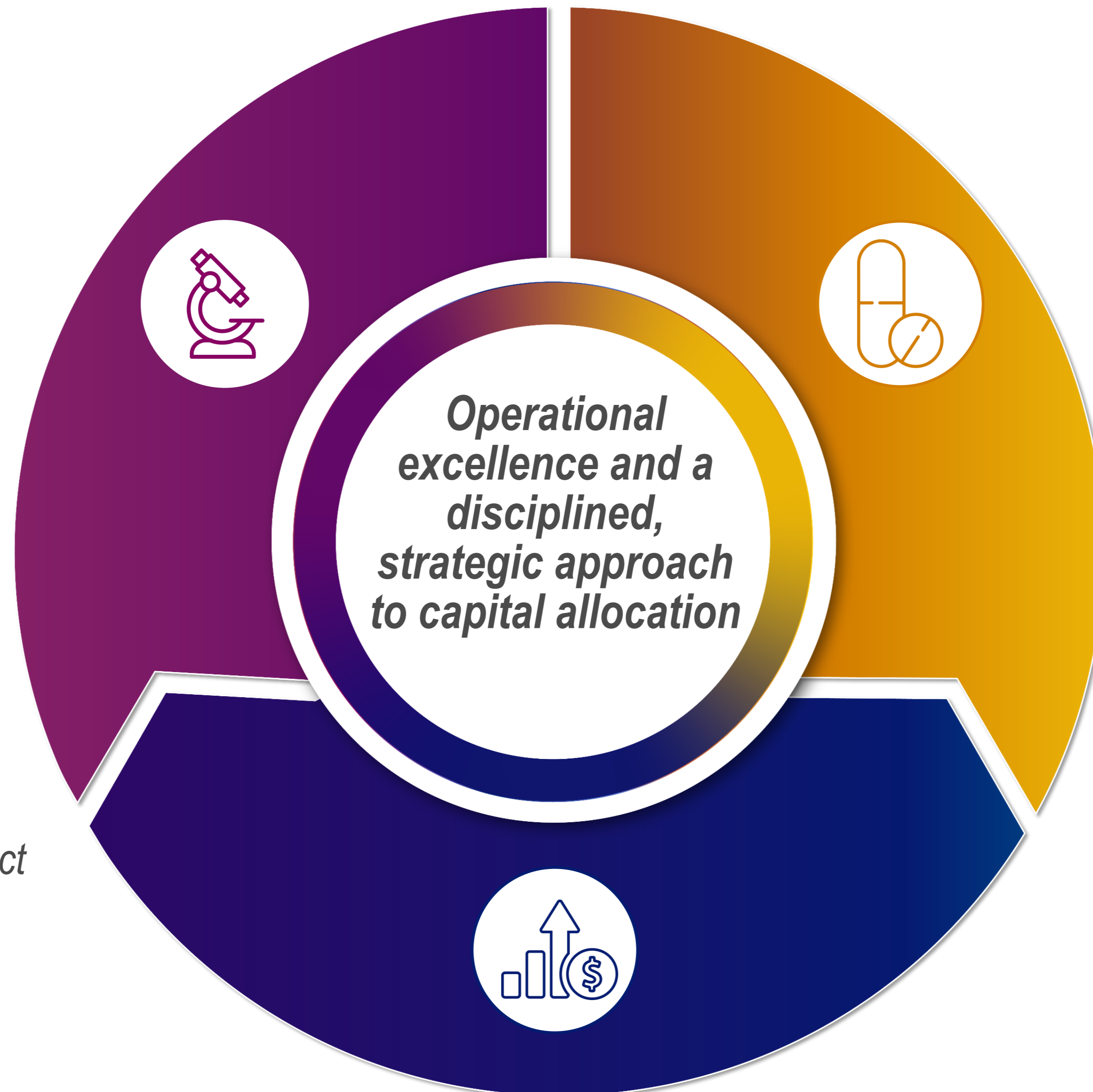
Positioned to Drive Long-term Shareholder Value

PIPELINE

Zanidatamab and Zepzelca indication expansion opportunities; additional pipeline programs under development

CORPORATE DEVELOPMENT

Financial strength to transact and well-positioned to be partner of choice



COMMERCIAL

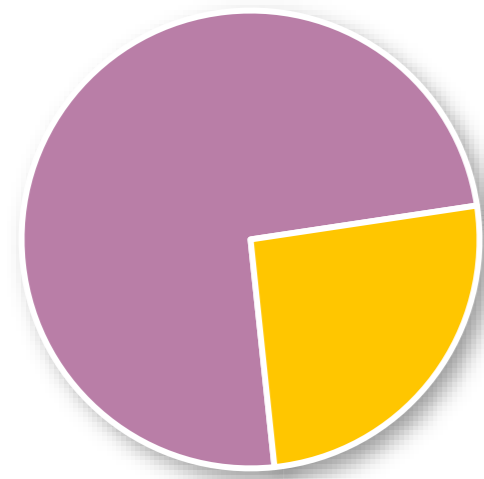
Growth and diversified revenues expected to generate significant cash flow



Growing and Diversified Commercial Portfolio

2018 Revenue
\$1.9 billion

74%
of revenues driven
by Xyrem in 2018



**Launched /
Acquired
Products**

xywav™

Epidiolex®
Epidyolex®
cannabidiol
Oral solution

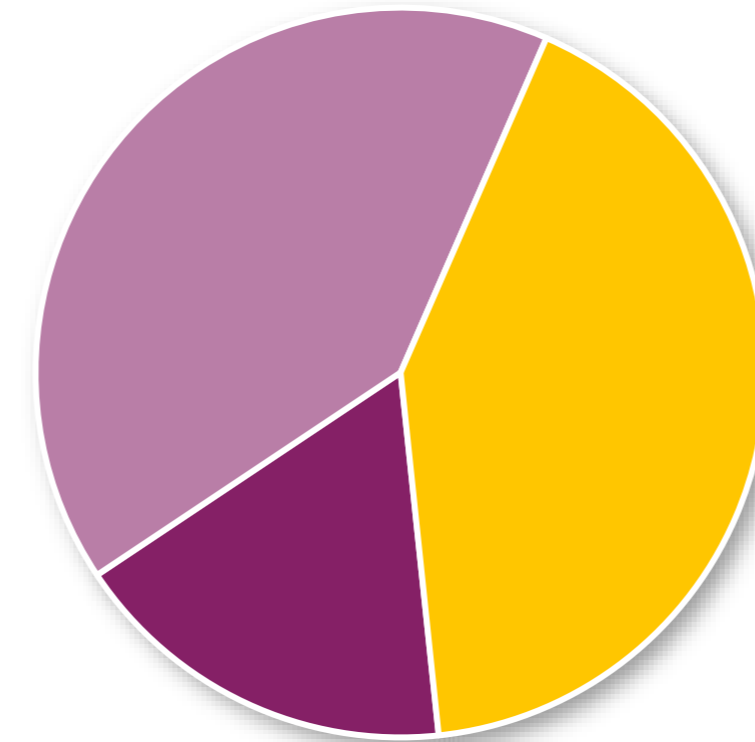
RYLAZE®
asparaginase erwinia chrysanthemi
(recombinant)-rywn for injection
10mg/0.5mL per vial

ZEPZELCA®
(lurbinectedin) for injection 4 mg



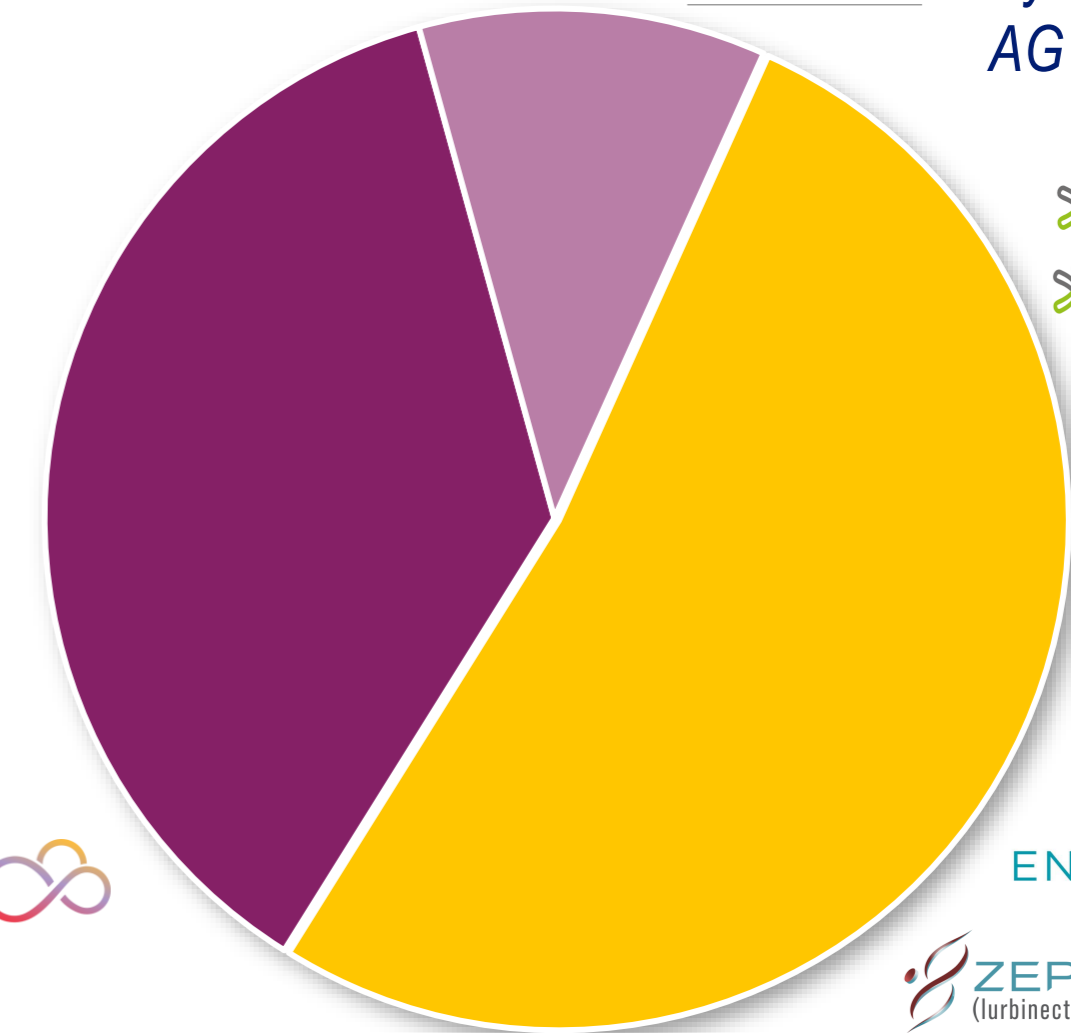
2021 Revenue
\$3.1 billion

41%
of revenues driven
by Xyrem in 2021



2024 Guidance¹
\$4.0 - \$4.1 billion

11%
of revenues² driven
by Xyrem and AG
royalties in 3Q24



*Xyrem &
AG royalties*

Epidiolex®
Epidyolex®
cannabidiol
Oral solution

ZIHERA®
(zanidatamab-hrii)
50mg/ml Injection for IV

RYLAZE®
asparaginase erwinia chrysanthemi
(recombinant)-rywn for injection
10mg/0.5mL per vial

ENRYLAZE

ZEPZELCA®
(lurbinectedin) for injection 4 mg

DEFITELIO®
(defibrotide sodium) for injection

Vyxeos®
(daunorubicin and cytarabine) liposome for injection

- Oncology + Epidiolex + Other Revenues
- Xyrem Revenue + AG Royalty Revenue
- Xywav Revenue



AG royalties = high-sodium oxybate authorized generic royalty revenues. ¹The company expects that for the year ended December 31, 2024, reported total, neuroscience and oncology revenues will meet the guidance range provided on November 6, 2024. Jazz Pharmaceuticals plc has not finalized its financial results for the year ended December 31, 2024, and actual results may differ; ²Chart based on revenue as reported in 3Q24.

Strategic Transactions Driving Growth and Expanding Capabilities

| | | |
|---|--|---|
| ZEPZELCA <i>Rapidly Accretive Transaction</i> | GW ACQUISITION <i>Transformational Transaction</i> | ZANIDATAMAB <i>Broad Oncology Development Transaction</i> |
|---|--|---|

- Rapidly established as **treatment of choice** in 2L SCLC
- **>\$1.1B¹** in revenue since launch in mid-2020
- **Positive Phase 3 results** from IMforte trial; Plan to submit **sNDA for 1L ES-SCLC in 1H25**

- **Durable** and **long-lived asset** in Epidiolex
- **>\$2.7 billion²** in revenue since acquisition mid-2021
- Epidiolex **poised** to reach **blockbuster status in 2025**
- Expanded operational footprint and **in-house R&D capabilities**

- Significant **regulatory progress** with **extensive development program ongoing**
- Path to approval in **1L GEA** with anticipated **sBLA submission in 2025**
- **\$2B+ peak sales potential**

WELL-POSITIONED FOR CORPORATE DEVELOPMENT

FINANCIAL STRENGTH

- **\$2.6B** in cash, cash equivalents and investments³
- **~\$1.0B** cash from operations⁴
- **\$885M** undrawn revolving credit facility⁵

PARTNER OF CHOICE

- Demonstrated global commercial **footprint and capabilities**
- A **leader in neuroscience**
- **Rapidly growing** oncology business
- In-house **development expertise**
- **Track record of maximizing asset potential**



Track Record of Successfully Growing and Diversifying Commercial Portfolio

Expect to meet 2024 total, neuroscience and oncology revenue guidance¹

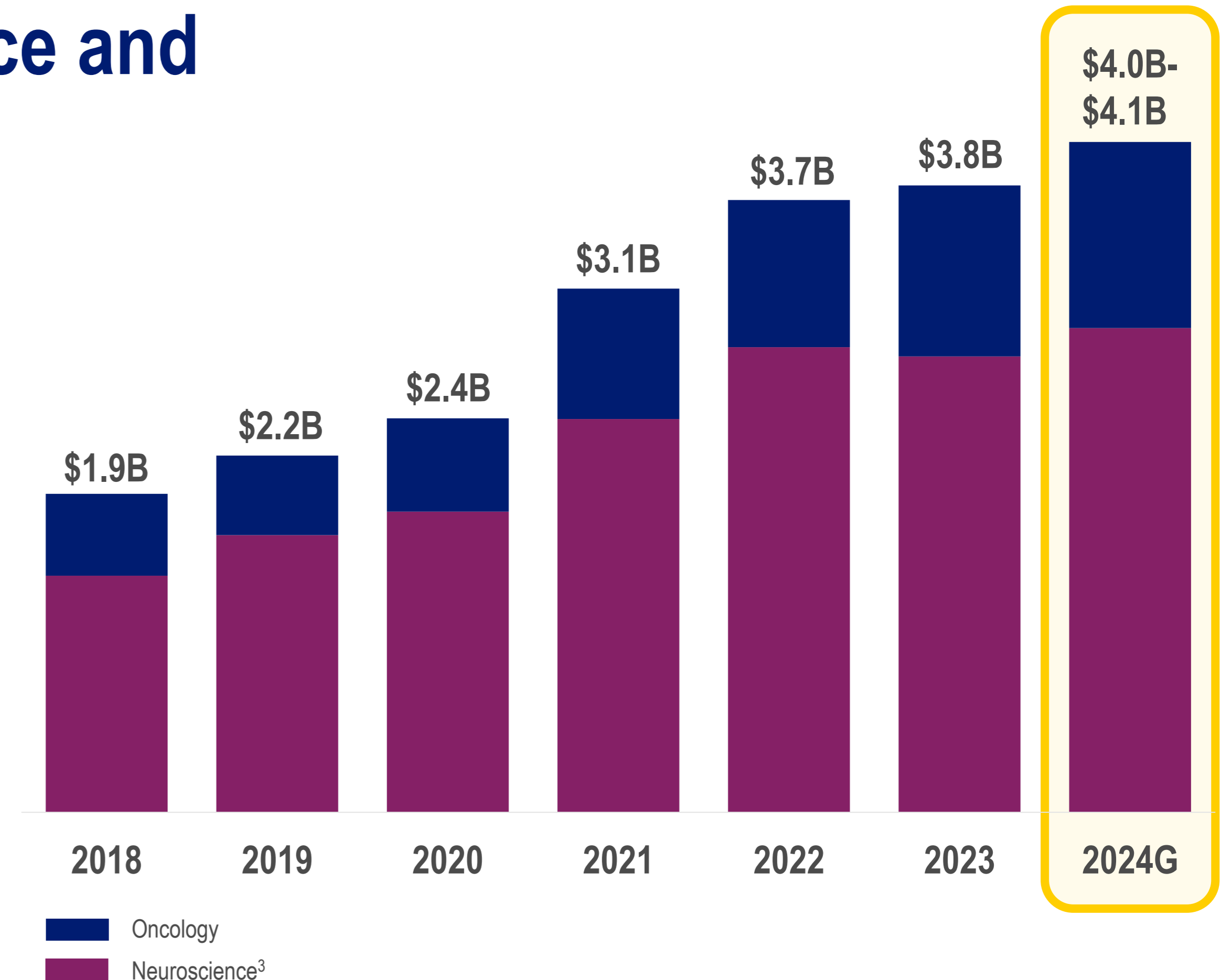
20 Consecutive Years

YoY Revenue Growth

2005 – 2024G

13.5% Total Revenue CAGR

2018 – 2024G midpoint²

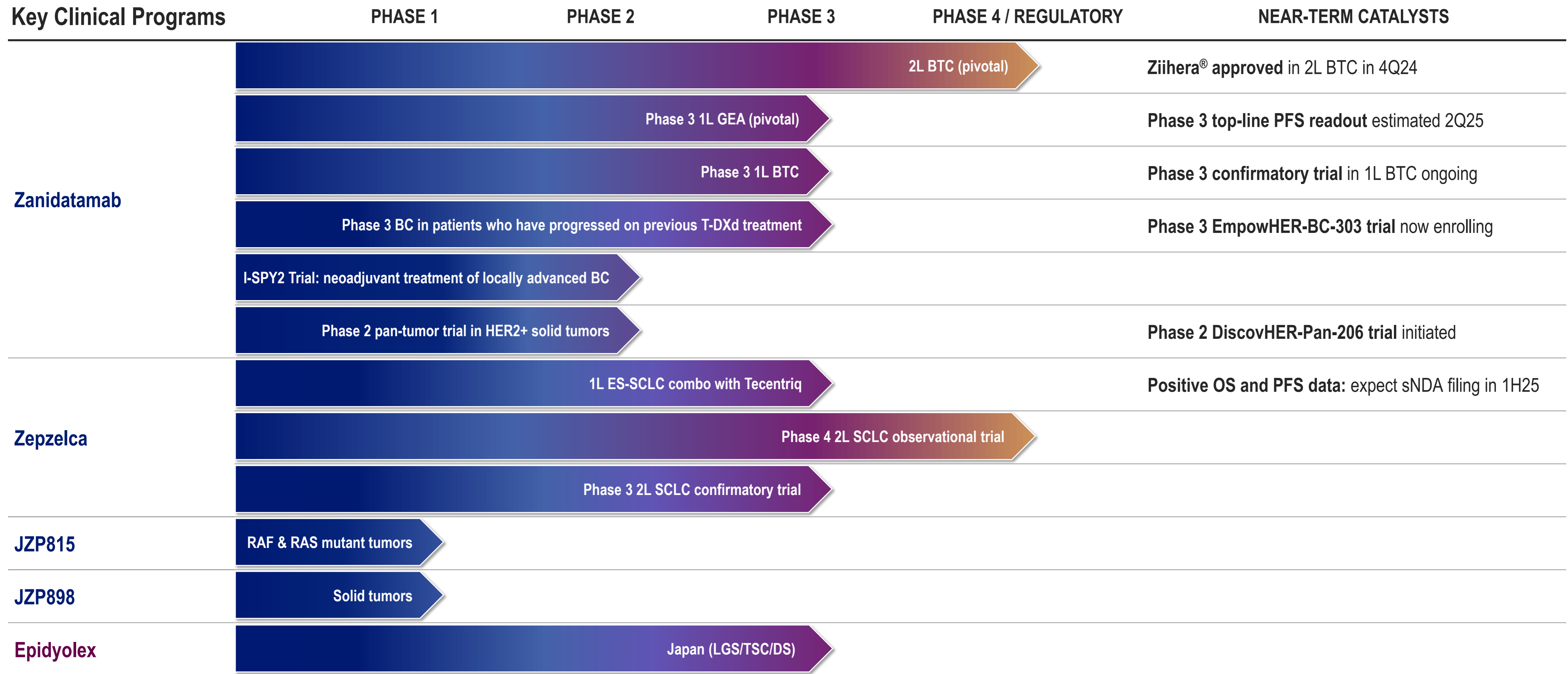


2024G = 2024 financial guidance as provided by Jazz Pharmaceuticals plc on November 6, 2024; CAGR = compound annual growth rate; YoY = year-over-year. ¹The company expects that, for the year ended December 31, 2024, reported total, neuroscience and oncology revenues will meet the guidance range provided on November 6, 2024. Jazz Pharmaceuticals plc has not finalized its financial results for the year ended December 31, 2024, and actual results may differ; ²Based on mid-point of guidance provided by Jazz Pharmaceuticals plc on November 6, 2024; ³Neuroscience revenues include high-sodium oxybate authorized generic royalties.

Pipeline

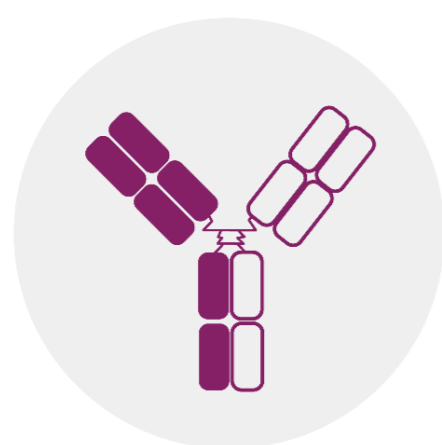
Focused Investments in Promising R&D Portfolio

Key Pipeline Programs



Zanidatamab Has the Potential to Transform HER2-Targeted Therapies

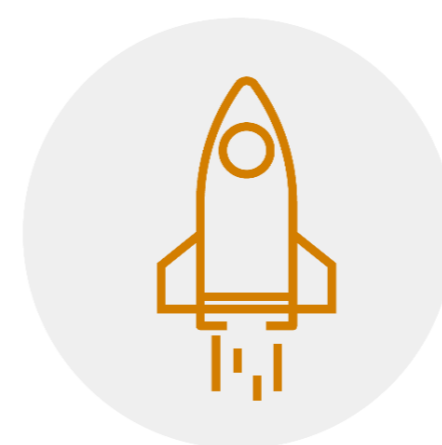
Zanidatamab is a highly active, differentiated HER2-targeted bispecific mAb with compelling and durable survival data



Novel and Differentiated MOA



Best-in-Class Profile Addresses Unmet Need



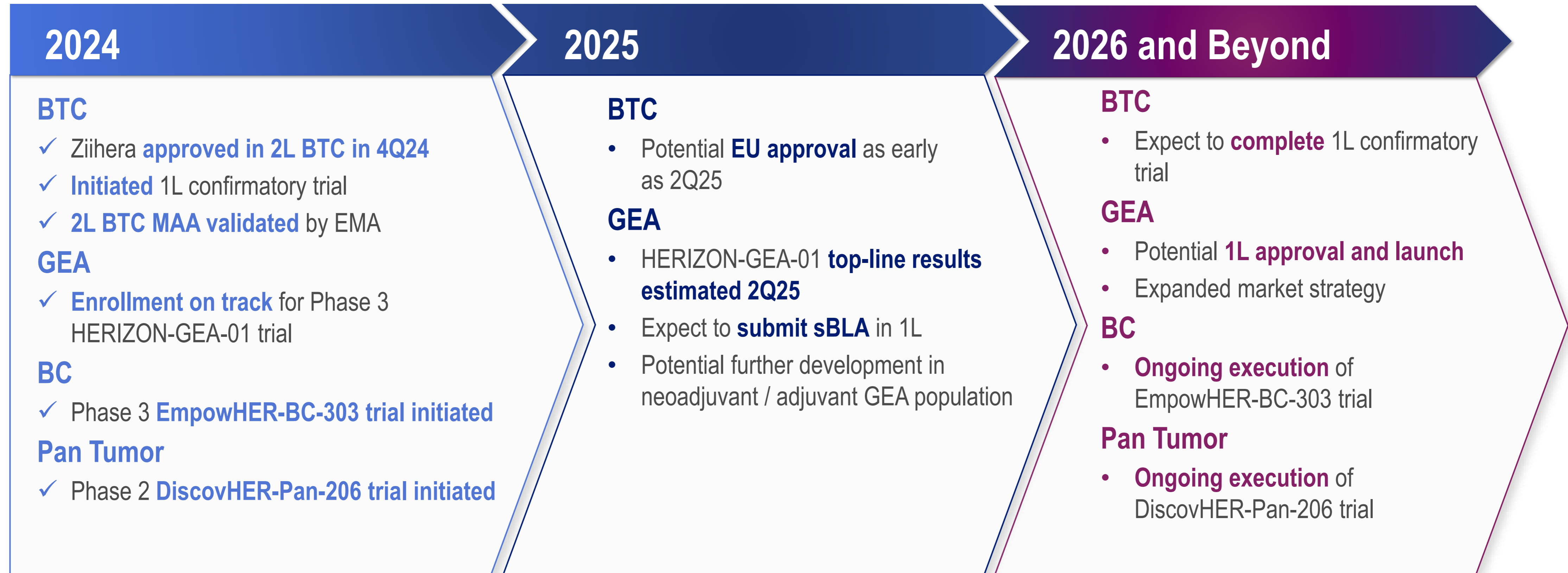
Compelling Clinical Data in Multiple Indications



\$2B+ Commercial Opportunity



Rapidly Advancing Zanidatamab Development Program



Goal: become the HER2-targeted therapy of choice



Zepzelca: Positive Top-Line Results from 1L ES-SCLC Phase 3 Trial

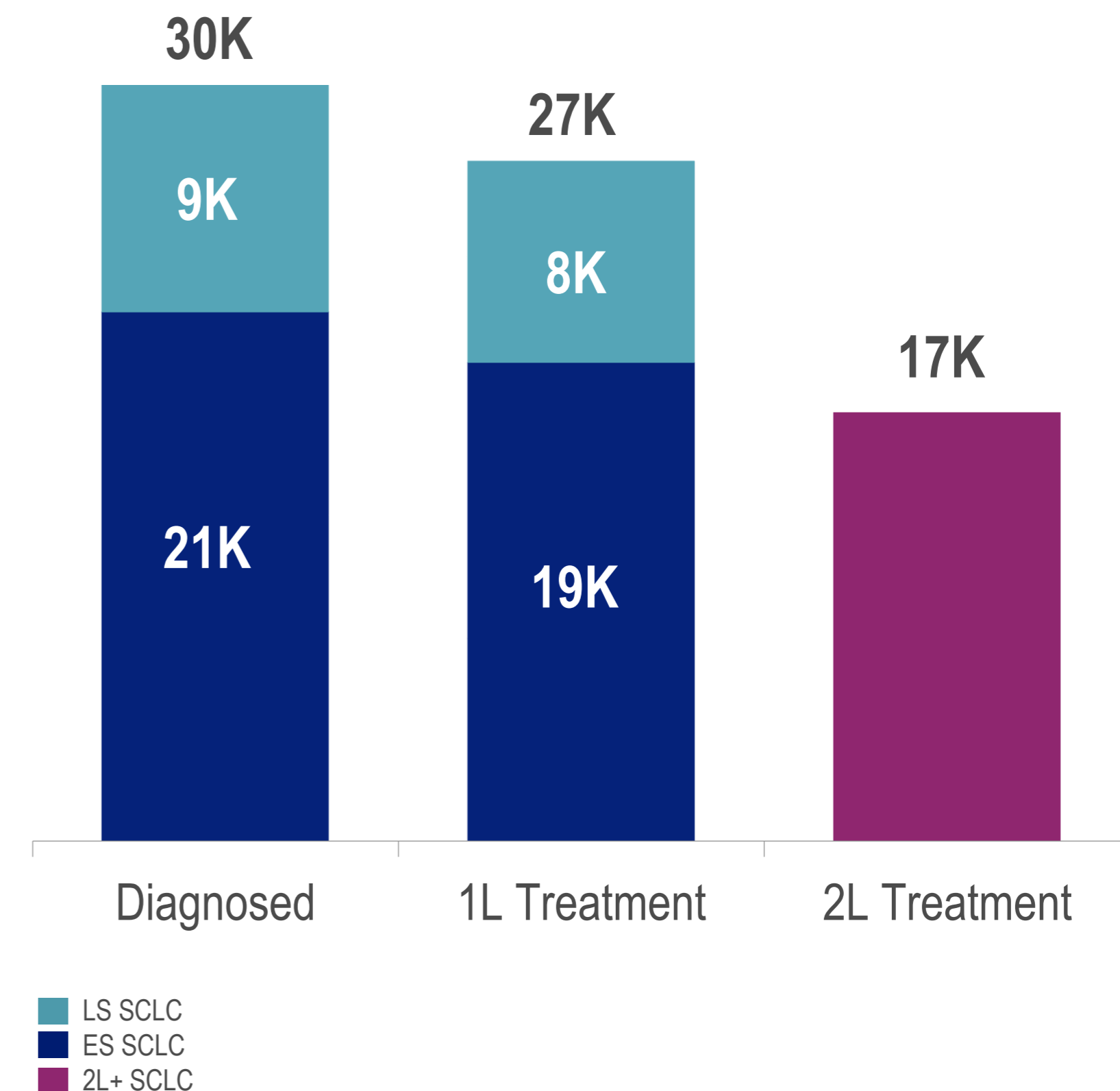
IMforte Phase 3 Trial:

- Demonstrated **statistically significant** and **clinically meaningful improvement in OS** and **PFS** primary endpoints for 1L ES-SCLC
- Potential to **delay disease progression** and **extend survival for patients**
- Plan to **submit sNDA** for **1L ES-SCLC** indication in **1H25**

Significant unmet need:

- Expected median OS for 1L ES-SCLC patients is **~13 months²**
- In the U.S., there are **~30,000 1L SCLC patients**, with **~27,000** currently **treated** in 1L and **~17,000** treated in 2L¹
- **~70%** of 1L patients have extensive stage SCLC¹

SCLC U.S. Patients¹



1L / 2L = first- and second-line; ES = extensive stage; LS = limited stage; OS = overall survival; PFS = progression-free survival; SCLC = small cell lung cancer; sNDA = supplemental New Drug Application. ¹Approximate U.S. SCLC patient numbers, sources: SEER Cancer Stat Facts <https://seer.cancer.gov/statfacts/html/lungb.html>, accessed April 19, 2019; American Cancer Society, <https://www.cancer.org/cancer/small-cell-lung-cancer/about/what-is-small-cell-lung-cancer.html>, accessed April 12, 2019; Kantar Health Treatment Architecture SCLC July 2018; Jazz primary market research May 2019; ²Paz-Ares, L. et al. Durvalumab, with or without tremelimumab, plus platinum-etoposide in first-line treatment of extensive-stage small-cell lung cancer: 3-year overall survival update from CASPIAN. ESMO Open. 2022 Apr; 7(2):100408.

Key Commercial Products

Highly Differentiated Therapies Poised for Growth

Highly Differentiated Medicines for Patients with Serious Diseases

Top-line growth driven by **diversified businesses** spanning Sleep, Epilepsy and Oncology, **each annualizing >\$1B¹**

Oncology

 **ZIIHERA[®]**
(zanidatamab-hrii)

Potential to be the therapy of choice in multiple HER2+ tumors

 **ZEPZELCA[™]**
(lurbinectedin)

#1 treatment in 2L ES-SCLC; expansion opportunity in 1L ES-SCLC

 **RYLAZE[®]**
asparaginase erwinia chrysanthemii (recombinant)-rywn
for injection 10mg/0.5mL per vial

Standard of care in pediatric ALL/LBL patients with asparaginase HSR reaction

Neuroscience

 **Epidiolex[®]**

#1 branded treatment for epilepsy

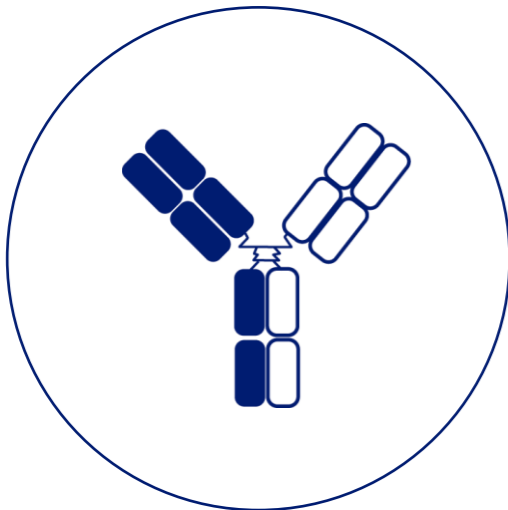
xywav[™] 

#1 branded treatment for narcolepsy and only approved IH therapy

Diverse product mix + strong cash flow generation



Ziihera: Unique MOA Drives Compelling Clinical Profile and Patient Outcomes



Unique dual-targeting HER2 bispecific antibody provides differentiated treatment



Compelling and durable responses help drive **improved patient outcomes** in HER2+ patients



Favorable tolerability profile contributes to improved patient quality of life



Combination data supports **ability to combine with other agents** in multiple HER2+ indications



BTC Launch: Building Momentum for Multiple Indications



Ziihera Clinical Data

- 51.6%** Overall Response Rate¹
- 14.9m** Median Duration of Response¹
- 2.5%** Discontinuation Rate¹



Launch objectives

Establish Ziihera as the standard of care for 2L HER2+ BTC

Build momentum for Ziihera's potential as a transformative next-generation HER2-targeting agent

BTC Launch Driven by Proven Jazz Oncology Team and Infrastructure



Right Team, Right Capabilities

- Proven team with **deep oncology experience**, including **extensive expertise in the HER2 therapy space** will help drive **additional adoption and uptake**
- **Infrastructure in place** for a successful Ziihera launch



Key Customer Focus

- **Significant overlap** in existing call universe covering key customers and accounts
- Leverage Jazz's **established presence** across sales, marketing, medical and access



Robust Access and Patient Support Services

- Access, distribution, reimbursement, and patient support services **ensure customers can readily order Ziihera, help patients navigate reimbursement approvals, and provide patient support** through dedicated Jazz Resources and the JazzCares suite of services



Zanidatamab: De-Risked Near-Term Opportunity with \$2B+ Peak Potential

Significant regulatory progress:

- Ziihera **now approved** in the U.S. for the treatment of adults with previously treated, unresectable or metastatic HER2+ (IHC3+) BTC
- EMA **validated MAA**; potential **approval as early as 2Q25**

Biliary Tract Cancer

Initiated U.S. launch activities in 2L BTC

1L BTC confirmatory trial ongoing

HERIZON-BTC-01: Updated data at ASCO

~12,000

BTC cases annually² in U.S., Europe³ and Japan

Gastroesophageal Adenocarcinoma

Path to approval in 1L GEA with sBLA submission

HER2+/PD-L1 negative: opportunity to address unmet need and replace trastuzumab¹

HER2+/PD-L1 positive: opportunity to replace trastuzumab as **HER2-targeted therapy of choice**¹

Opportunity to explore potential in neoadjuvant populations¹

~63,000

GEA cases annually² in U.S., Europe³ and Japan

Breast Cancer

Expanded opportunity across lines of therapy¹:

- Post T-DXd (Ph3 EmpowHER trial)
- Early lines of therapy (neoadjuvant)
- Novel combinations

Initiated Ph3 EmpowHER trial 2H24:

- Zanidatamab + chemo vs. tras + chemo in patients with HER2+ BC whose disease has progressed on previous T-DXd treatment

Potential for **novel chemo-free regimen** for **HER2+/HR+** patients¹

Ongoing trials in early breast cancer:

- I-SPY2 Trial⁴
- MD Anderson collaboration

~150,000

BC cases annually⁵ in U.S., Europe³ and Japan

Other HER2-Expressing Cancers

Broad potential beyond BTC, GEA, and BC in multiple HER2-expressing indications **based on compelling clinical activity from early trials**⁶:

- Colorectal
- NSCLC
- Ovarian
- Endometrial
- Pancreatic
- Bladder
- Salivary Gland
- Ampullary
- Other HER2-expressing solid tumors

Initiated Phase 2 DiscovHER-Pan-206

- Zanidatamab monotherapy in previously-treated patients with no available treatment options

Broad Potential

Beyond BTC, GEA, and BC



1L/2L = first- and second line; ASCO = American Society of Clinical Oncology; BC = breast cancer; BTC = biliary tract cancer; EMA = European Medicines Agency; GEA = gastroesophageal adenocarcinoma; HER2 = human epidermal growth factor receptor 2; HR+ = hormone receptor positive; IHC = immunohistochemistry; MAA = marketing authorization application; NSCLC = non-small cell lung cancer; PD-L1 = programmed cell death ligand 1; sBLA = supplemental biologics license application; T-DXd = trastuzumab deruxtecan; tras = trastuzumab. ¹Pending regulatory approvals; ²Incidence sources: Kantar reports, ToGA surveillance report; SEER, cancer.gov; ClearView Analysis; GLOBOCAN, Data on file; ³Major markets, U.K, France, Germany, Spain, Italy; ⁴NCT01042379, in collaboration with QuantumLeap Healthcare Collaborative; ⁵Incidence source estimates derived from multiple sources: Decision Resources Group, Kantar Health, Jazz Market Research, data on file; ⁶Funda Meric-Bernstam et al, Zanidatamab, a novel bispecific antibody, for the treatment of locally advanced or metastatic HER2-expressing or HER2-amplified cancers: a phase 1, dose-escalation and expansion study, The Lancet Oncology, Volume 23, Issue 12, 2022, Pages 1558-1570, ISSN 1470-2045, [https://doi.org/10.1016/S1470-2045\(22\)00621-0](https://doi.org/10.1016/S1470-2045(22)00621-0).

Zepzelca: Opportunity to Redefine 1L SCLC Treatment Paradigm



Well-established as 2L SCLC treatment of choice

- **>\$1.1 billion¹** in revenue since launch in mid-2020

Plan to submit sNDA for 1L ES-SCLC in 1H25

- Reported **statistically significant** and **clinically meaningful OS and PFS results from the Phase 3 trial** in combination with Tecentriq[®] (atezolizumab), conducted in collaboration with Roche²
- **Significant unmet need:** expected **median OS** for ES 1L SCLC patients is **~13 months³**
- Potential to **increase duration of response** with earlier line patients
- In the U.S., there are **~30,000 1L SCLC patients**, with **~27,000** currently treated in 1L and **~17,000** treated in 2L⁴



Donna

Former Zepzelca patient living with SCLC



1L/2L = first- and second-line; ES = extensive-stage; OS = overall survival; PFS = progression-free survival; SCLC = small cell lung cancer; sNDA = supplemental New Drug Application. ¹Net product sales from launch in July 2020 to September 30, 2024; ²F. Hoffmann-La Roche Ltd.; ³Paz-Ares, L. et al. Durvalumab, with or without tremelimumab, plus platinum-etoposide in first-line treatment of extensive-stage small-cell lung cancer: 3-year overall survival update from CASPIAN. ESMO Open. 2022 Apr; 7(2):1004008; ⁴Approximate U.S. SCLC patient numbers, sources: SEER Cancer Stat Facts <https://seer.cancer.gov/statfacts/html/lungb.html>, accessed April 19, 2019, American Cancer Society, <https://www.cancer.org/cancer/small-cell-lung-cancer/about/what-is-small-cell-lung-cancer.html>, accessed April 12, 2019, Kantar Health Treatment Architecture SCLC July 2018, Jazz primary market research May 2019.

Rely on Rylaze: Critical Component of U.S. ALL/LBL Treatment Protocols



Willow

Rylaze patient diagnosed with ALL



Sustained asparaginase activity over the course of therapy essential to treatment success of ALL/LBL patients¹

- ~\$1.1 billion² in revenue since launch in mid-2021
- **Only therapy available** to patients in the U.S. who have a hypersensitivity reaction to *E. coli*-derived asparaginase

Continued strong demand driven by:

- Increased use in adolescent/young adult setting
- Switching to Rylaze at first sign of hypersensitivity reaction and due to treatment-related issues



Epidiolex: Durable Growth; High Unmet Need in Pediatric Onset Epilepsy



Corey

Epidiolex patient living with LGS



Broad spectrum efficacy through novel mechanism of action

- Poised to reach **blockbuster status** in 2025
- Continued education on **synergies from treatment in combination with clobazam**
- **Further data generation**, including beyond-seizure benefits from the EpiCom¹ study in TSC and nurse-reported responses to the BECOME^{2,3} survey in long-term care facilities presented at AES 2024
- Launched **Nurse Navigator program** to help patients and families address medication-related topics
- Additional opportunity to drive growth in **adult patient setting**



Xywav: Differentiated by Low Sodium; IH Provides Growth Opportunity



Cindy
Xywav patient living with IH

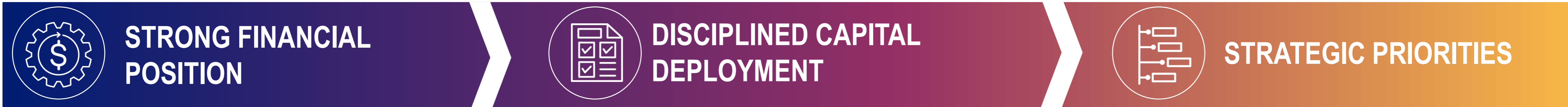
- **Annualizing over \$1.5 billion¹** as of 3Q24
- Xywav remains **#1 branded treatment** for narcolepsy
- Xywav is the **only approved oxybate therapy** that **doesn't** carry a **warning** and **precaution** related to **high sodium intake**
- **FDA** published its summary of **clinical superiority findings** stating Xywav is clinically superior to Xyrem by **means of greater safety**
- **Positive impact** from **Field Nurse Educator program** supporting both narcolepsy and IH
- See **most opportunity for growth in IH** as the only approved therapy to treat IH and no near-term competition



Well-Positioned to Deliver Long-Term Value

Operational Excellence and Commercial Execution

Delivering Significant Value Through Strategic Capital Allocation



~\$1.0B

Cash from operations¹

COMMERCIAL GROWTH

New indications
Geographic expansion



Diversified and growing revenue base

\$2.6B

Cash, cash equivalents and investments²

PIPELINE EXPANSION

Advancing internal assets
Licensing new assets



Differentiated pipeline to support future growth

\$885M

Undrawn revolving credit facility³

OPERATIONAL EXCELLENCE

Disciplined and strategic capital allocation
Maximize value



Corporate development contributes to growth and diversification



¹For the nine months ended September 30, 2024; ²As of September 30, 2024; ³As of December 31, 2024.

Well-Positioned to Deliver Meaningful Shareholder Value

COMMERCIAL EXECUTION

- ZIHERA[®]** (zanidatamab-hrii) Executing launch in 2L BTC

- Epidiolex[®]**
Epidyolex[®] (cannabidiol) Oral solution Reaching **blockbuster status**

- xywav[™]** Meaningful growth opportunity in IH

- ZEPZELCA[™]** (lurbinectedin) Treatment of choice in 2L SCLC

- RYLAZE[®]** (asparaginase erwinia chrysanthemi (recombinant)-rywn) for injection 10mg/0.5mL per vial
ENRYLAZE Near universal adoption in U.S. pediatric protocols



PIPELINE CATALYSTS

Zanidatamab

- Phase 3 1L GEA top-line data: estimated 2Q25
- Potential EU 2L BTC approval as early as 2Q25
- Phase 3 EmpowHER late-line BC trial is enrolling

Zepzelca

- Expect to submit sNDA for 1L ES-SCLC in 1H25

CORPORATE DEVELOPMENT

Continued focus on **diversifying transactions to drive long-term growth and value**



Q&A

Thank You