



Jazz Pharmaceuticals®

INNOVATING TO TRANSFORM THE LIVES OF PATIENTS

BRUCE COZADD, CHAIRMAN AND CEO

JANUARY 11, 2021

39TH ANNUAL J.P. MORGAN HEALTHCARE CONFERENCE

Sara

JZP-258 Trial Participant

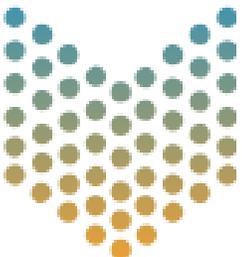


Life-Changing Medicines. Redefining Possibilities.

Forward-Looking Statements

“Safe Harbor” Statement Under The Private Securities Litigation Reform Act of 1995

This slide deck and the accompanying oral presentation contain forward-looking statements, including, but not limited to, statements related to Jazz Pharmaceuticals' future operating results and financial condition, including 2020 financial guidance; expectations regarding the company's future revenues, cash flow, growth and revenue diversification; the company's growth strategy, including pipeline expansion plans and corporate development efforts; ongoing, planned and potential product launches and expected or potential product sales; ongoing, planned and potential clinical trials and other product development and regulatory activities; 2021 and future goals and objectives; the timing of the foregoing events and activities; 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: the ultimate duration and severity of the COVID-19 pandemic and resulting global economic, financial and healthcare system disruptions and the current and potential future negative impacts to the company's business operations and financial results; maintaining or increasing sales of and revenue from the company's oxybate products and other key marketed products; effectively launching and commercializing the company's other products and product candidates; the time-consuming and uncertain regulatory approval process, including the risk that the company's 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 process and the uncertainty of clinical success, including risks related to failure or delays in successfully initiating or completing clinical trials and assessing patients; protecting and enhancing the company's intellectual property rights; 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; government investigations, legal proceedings and other actions; obtaining and maintaining adequate coverage and reimbursement for the company's products; identifying and acquiring, in-licensing or developing additional products or product candidates, financing those 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 company's ability to achieve expected future financial performance and results and the uncertainty of future tax and other provisions and estimates; and other risks and uncertainties affecting the company, including those described from time to time under the caption "Risk Factors" and elsewhere in Jazz Pharmaceuticals plc's Securities and Exchange Commission filings and reports (Commission File No. 001-33500), including the company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2020 and future filings and reports by the company. In addition, while the company expects the COVID-19 pandemic to continue to adversely affect its business operations and financial results, the extent of the impact on the company's ability to generate sales of and revenues from its approved products, execute on new product launches, its clinical development and regulatory efforts, its corporate development objectives and the value of and market for its ordinary shares, will depend on future developments that are highly uncertain and cannot be predicted with confidence at this time, such as the ultimate duration and severity of the pandemic, governmental "stay-at-home" orders and travel restrictions, quarantines, social distancing and business closure requirements in the U.S., Ireland and other countries, and the effectiveness of actions taken globally to contain and treat the disease. Moreover, other risks and uncertainties of which the company is not currently aware may also affect the company's 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 slide deck and the accompanying oral 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.

INNOVATE 
EXECUTE 
TRANSFORM

Patient-Centric Innovation Drives our Strategy

Targeting Two Therapeutic Areas With Significant Market Opportunities



Focus on patient populations with high unmet needs



Target addressable physician audiences for efficient commercialization



Identify and develop durable, differentiated assets



Leverage our integrated capabilities and global infrastructure

**NEUROSCIENCE
&
ONCOLOGY**

Strong Foundation and Momentum

Well Positioned For Sustainable Growth as We Enter 2021



STRONG COMMERCIAL FRANCHISES

#1

Treatment for Narcolepsy

Xyrem and next generation Xywav

2

New Oncology Treatments

Since 2015
Rapidly growing presence in the treatment of hematological and solid tumor cancers

35%

Adjusted Net Income CAGR

From 2010–2019



ROBUST AND PRODUCTIVE PIPELINE

5

Potential Product Launches

Across 2020–2021

>25

Projects in R&D Portfolio

Expanded more than 4x since 2015

9

Product Approvals and Commercial Launches

Since 2015



INVESTING TO LEVERAGE GLOBAL PLATFORM

10

Licensing/M&A Deals

Since 2015
Including Zepzelca

>90

Markets Supplied Globally

Operate in or partner to make medicines available

>\$713M

Operating Cash Flow YTD¹

¹ YTD = January 1, 2020 to September 30, 2020.

2020 Execution Drives Long-Term Value

Key Achievements



PIPELINE

**Xywav for EDS and Cataplexy
in Narcolepsy**
FDA approval

JZP-458 for ALL
Initiated BLA submission
Real-Time Oncology Review

JZP-258 for IH
Compelling topline data
Announcing Today
Initiated rolling sNDA submission



TRANSACTIONS

PharmaMar
U.S. and Canadian rights
to Zepzelca (lurbinectedin)

SpringWorks
Acquired FAAH inhibitor (JZP-150)

Redx Pharma
Collaboration on two cancer targets
Ras/Raf/MAP kinase pathway



COMMERCIAL

**Execute up to five key product
launches through 2020 and 2021**

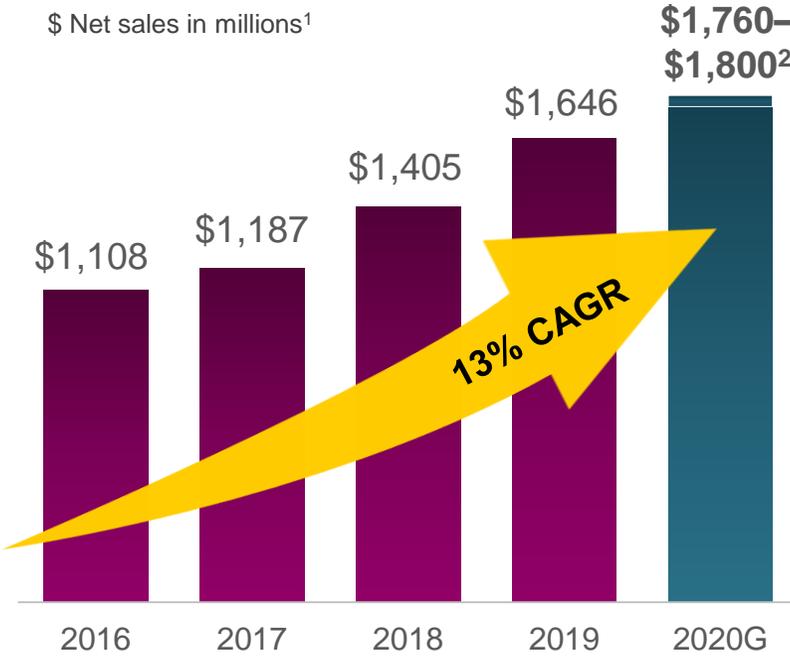
Launched in 2020
Xywav (EDS and cataplexy in
narcolepsy)
Zepzelca (2L SCLC)
Sunosi (EDS in OSA and narcolepsy;
EU rolling launch)

Preparing for 2021 U.S. Launches¹
JZP-458 (ALL)
JZP-258 (IH)

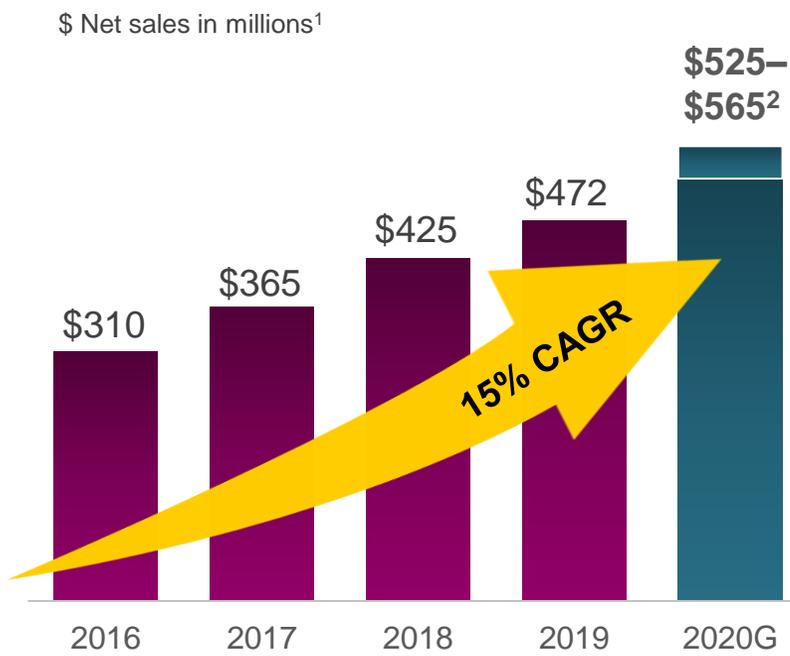
Robust Financial Performance

Investing in Growth Drivers and Delivering Value

BUILDING A SUSTAINABLE NEUROSCIENCE FRANCHISE



RAPIDLY SCALING OUR ONCOLOGY BUSINESS



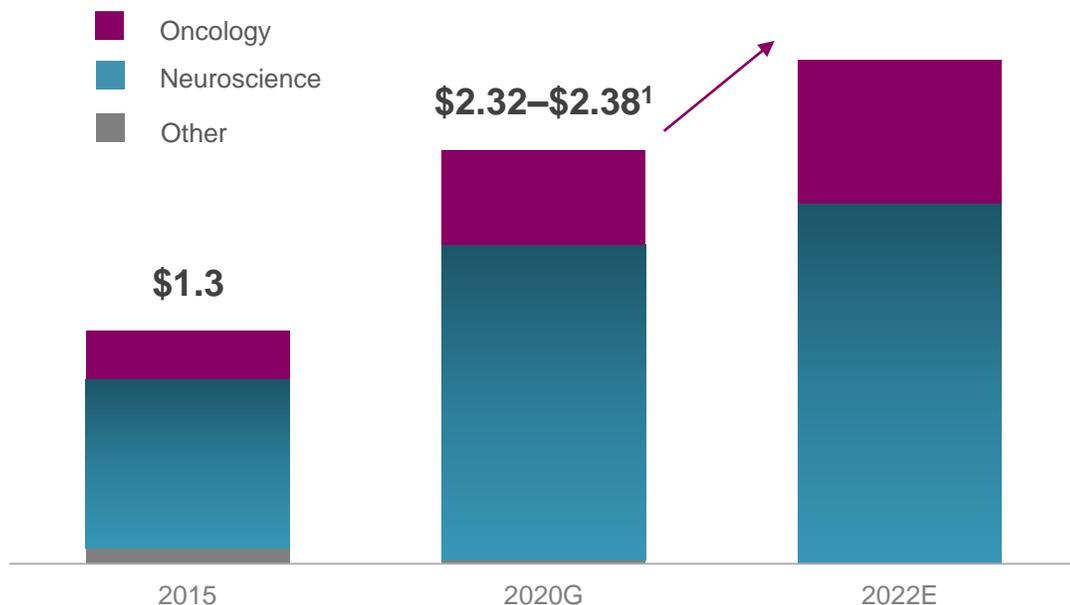
¹ 2016 to 2019 audited; ² G=Guidance. Guidance provided by Jazz Pharmaceuticals plc on and as of November 2, 2020. The company expects that, for the year ended December 31, 2020, reported net revenues will meet the guidance range provided on November 2, 2020. Jazz Pharmaceuticals has not finalized its financial results for the year ended December 31, 2020 and actual results may differ.

Commercial Portfolio of High Value Products

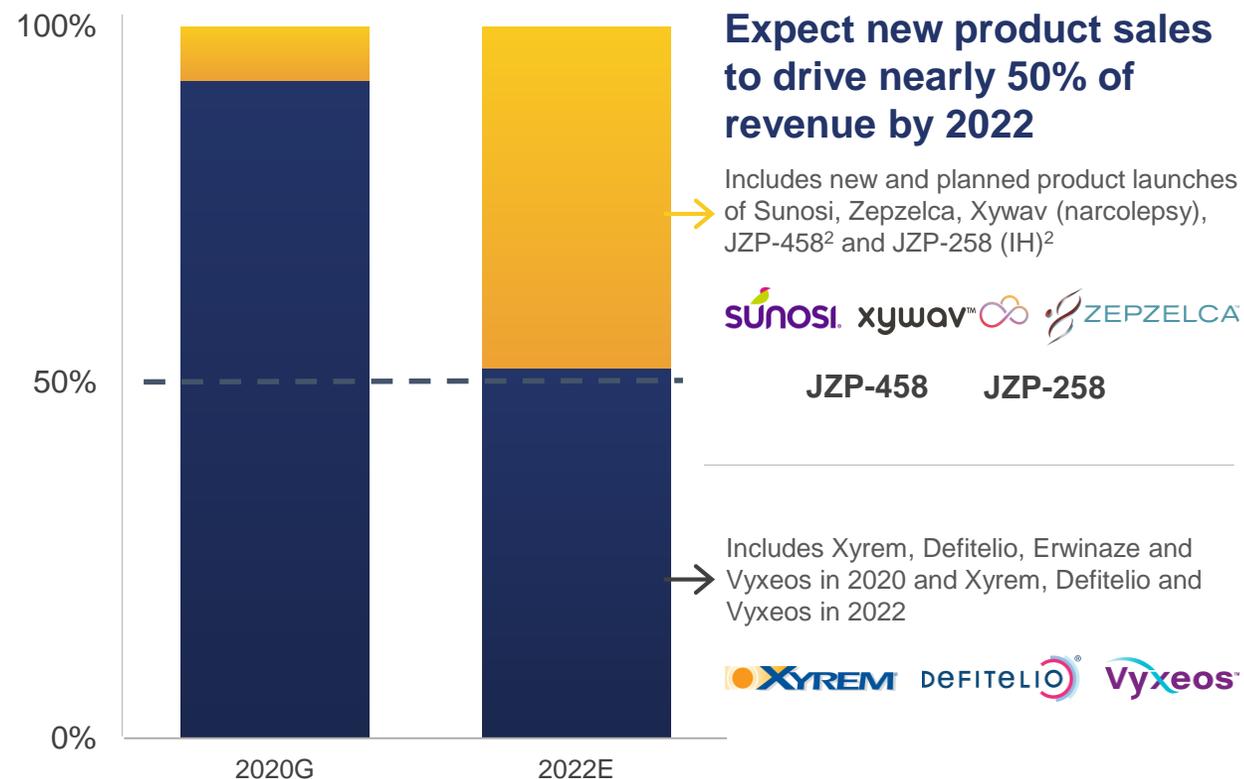
Continuing to Deliver Strong Revenue Growth and Diversification

AIMING FOR FURTHER TOP-LINE GROWTH...

\$ in billions



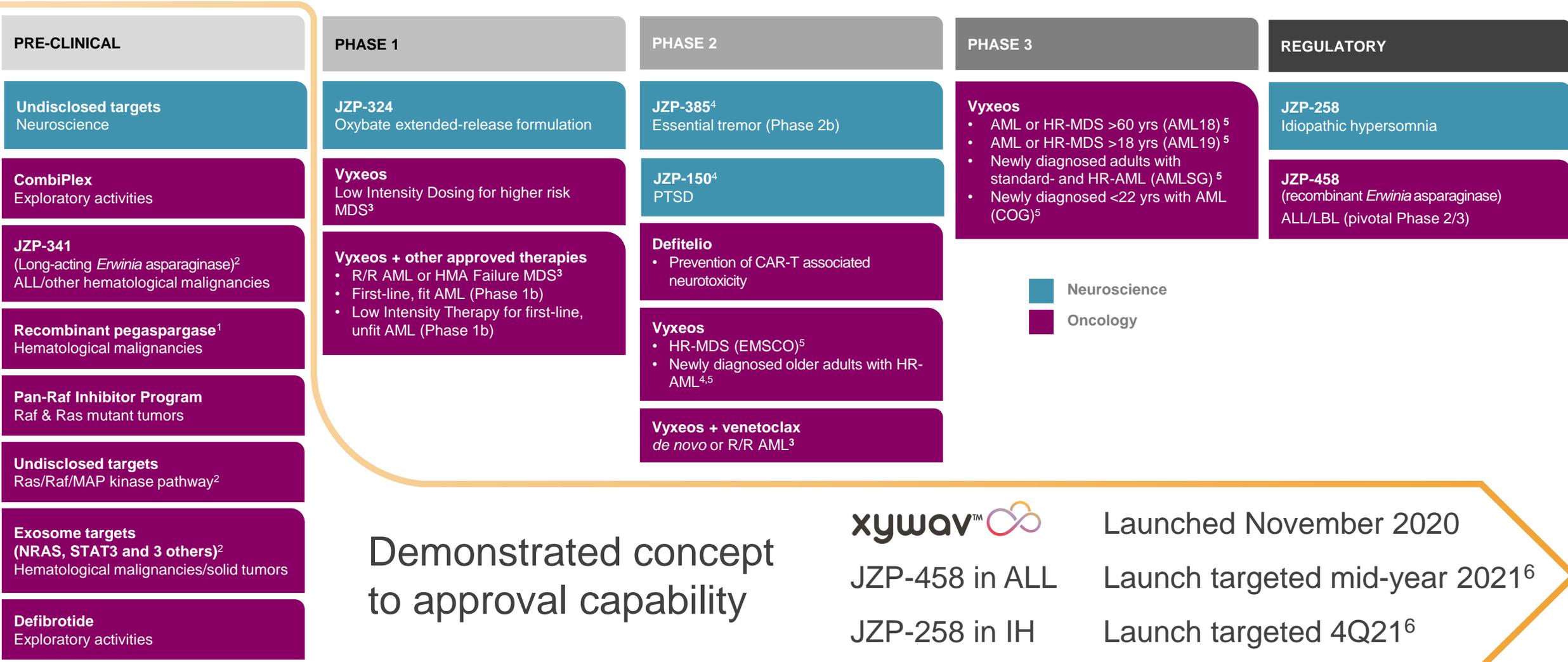
...AND ENHANCED DIVERSIFICATION BY 2022



¹ E=Estimated, G=Guidance. Guidance provided by Jazz Pharmaceuticals plc on and as of November 2, 2020. The company expects that, for the year ended December 31, 2020, reported total revenues will meet the guidance range provided on November 2, 2020. Jazz Pharmaceuticals has not finalized its financial results for the year ended December 31, 2020 and actual results may differ; ² Subject to FDA approval.

Robust and Productive Pipeline for Sustainable Growth

Targeted Investments Designed to Fuel Growth Through 2025 and Beyond



Demonstrated concept to approval capability



JZP-458 in ALL

JZP-258 in IH

Launched November 2020

Launch targeted mid-year 2021⁶

Launch targeted 4Q21⁶

¹ Opt-in opportunity. ² Partnered collaboration. ³ Jazz & MD Anderson Cancer Center collaboration study. ⁴ Planned. ⁵ Cooperative group study.

⁶ Subject to FDA approval

Diverse and Experienced Management Team

Expanded Capabilities and Leadership to Drive Next Phase of Growth

2003



Bruce Cozadd
Chairman and CEO

2018



Daniel N. Swisher, Jr.
President and COO



Heidi Manna
SVP and Chief Human Resources Officer

2019



Robert Iannone, MD, MSCE
EVP, R&D



Neena M. Patil
SVP and General Counsel



Finbar Larkin, Ph.D.
SVP, Technical Operations

2020



Samantha Pearce
SVP, Europe and International



Renée Galá
EVP and CFO



John Miller
SVP, Global Product Strategy



Kim Sablich
EVP and General Manager, North America



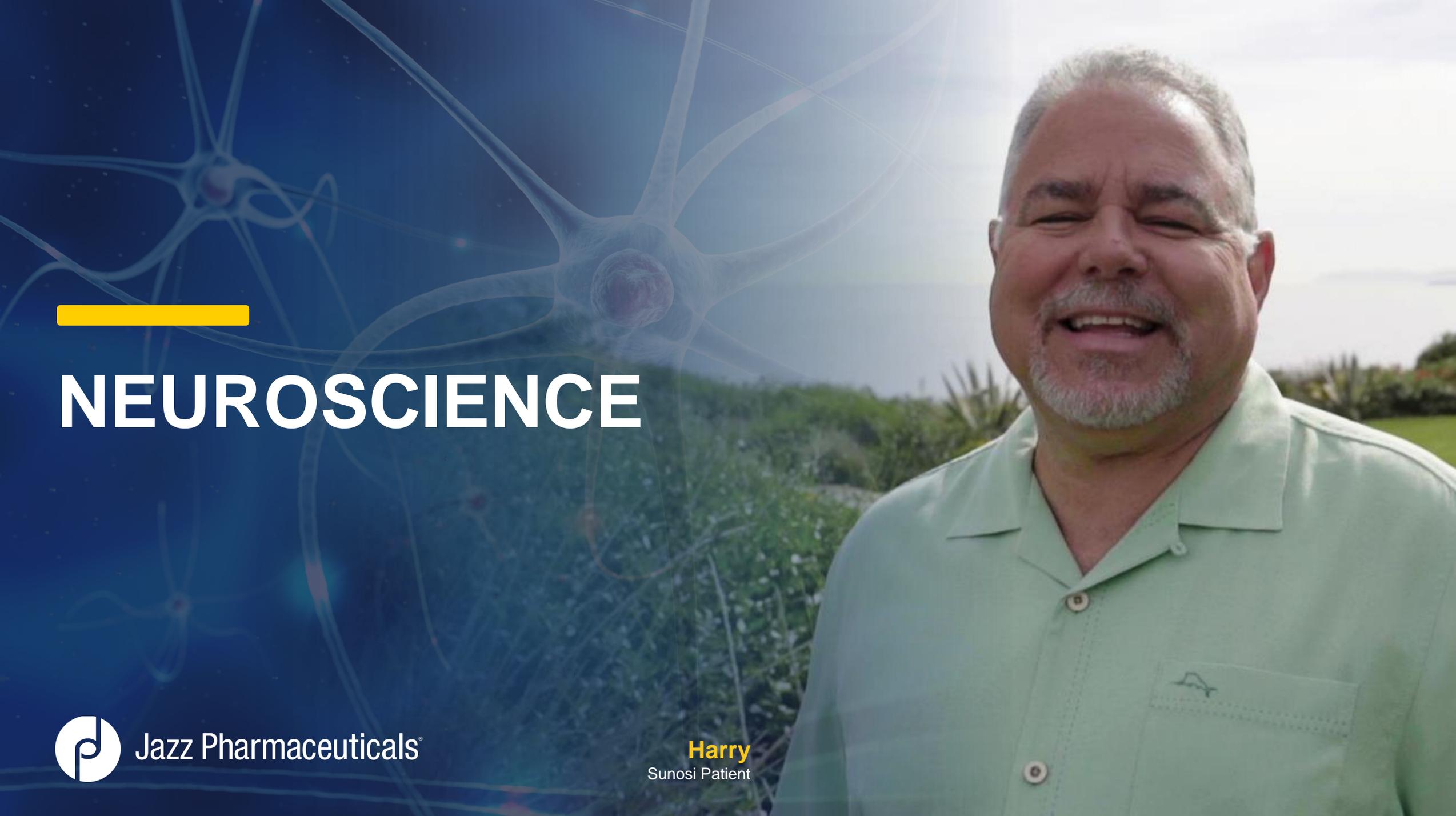
George Eliades
SVP, Corporate Development and Chief Transformation Officer

Delivering Significant Value Through 2025 and Beyond

Disciplined Allocation of Capital in Alignment With Our Strategic Priorities



¹ Represents cash and investments as of September 30, 2020.



NEUROSCIENCE

Delivering Growth, Value and Durability

Neuroscience



**Strong
Commercial
Execution**

#1

Sleep disorder
medicine by sales
since 2014 (Xyrem)

>50%

of oxybate
patients on
Xywav by 2023

\$1.76-1.8B

2020 Neuroscience
net sales guidance¹

3

On-market
products

xywav™ 

 sunosi.

 **XYREM**
(sodium oxybate) oral solution 

**Poised For
Sustainable
Growth**

- Sleep franchise — enhanced durability with first and only FDA approved lower-sodium oxybate, Xywav²
- Sleep disorders — important growth opportunity given the high unmet medical needs
- Strong growth prospects for Sunosi in the U.S. and European markets (focus on narcolepsy, OSA and potential new indications)
- Expansion into new areas of unmet need including treatment of essential tremor and post-traumatic stress disorder (PTSD)
- Investing in pipeline with early in-licensed innovative assets with new MOAs

¹ The company expects that, for the year ended December 31, 2020, reported Neuroscience net revenues will meet the guidance range provided on November 2, 2020. Jazz Pharmaceuticals has not finalized its financial results for the year ended December 31, 2020 and actual results may differ.

² Xyrem and Xywav warnings: Central nervous system depression and abuse and misuse. For full details see U.S. prescribing information, summary in appendix

Executing a Successful Xywav Launch



Launched November 2020 for the treatment of cataplexy or excessive daytime sleepiness (EDS) in narcolepsy



SODIUM MATTERS

- Xywav is the only lower-sodium oxybate approved for the treatment of cataplexy or excessive daytime sleepiness (EDS) in narcolepsy
- Unlocking the potential in narcolepsy; educating physicians and patients on the lifelong burden of narcolepsy and high sodium intake
- Goal that the majority of oxybate patients are benefiting from Xywav therapy by 2023

LAUNCH HIGHLIGHTS

- Launch progressing well
- Large majority of Xywav prescriptions are to patients who have previously taken Xyrem
- Majority of oxybate naïve patients being prescribed Xywav
- On track to obtaining broad payer coverage
 - Covered on the Express Scripts National Preferred Formulary for commercial lives on first day of launch

JZP-258 Breaking New Ground in Idiopathic Hypersomnia

Initiated Rolling sNDA Submission in Adults in December 2020 — Target Launch 4Q21¹

MARKET DYNAMICS²

~37,000 diagnosed IH patients in the U.S.
High likelihood of under- and mis-diagnosis

~800 physicians account for ~70% of IH diagnoses¹

~90% overlap with our current call universe

No FDA Approved Therapies

IMPACTS

- Difficulty maintaining job
- Financial stress
- Difficulty focusing mid-conversation leads to poor communication
- Lack of energy to socialize resulting in strained relationships
- Limited time and energy for hobbies
- Driving — potential to fall asleep

Profoundly Impacts Quality of Life

SYMPTOMS

Consumed by sleep

Sleep inertia — difficulty waking

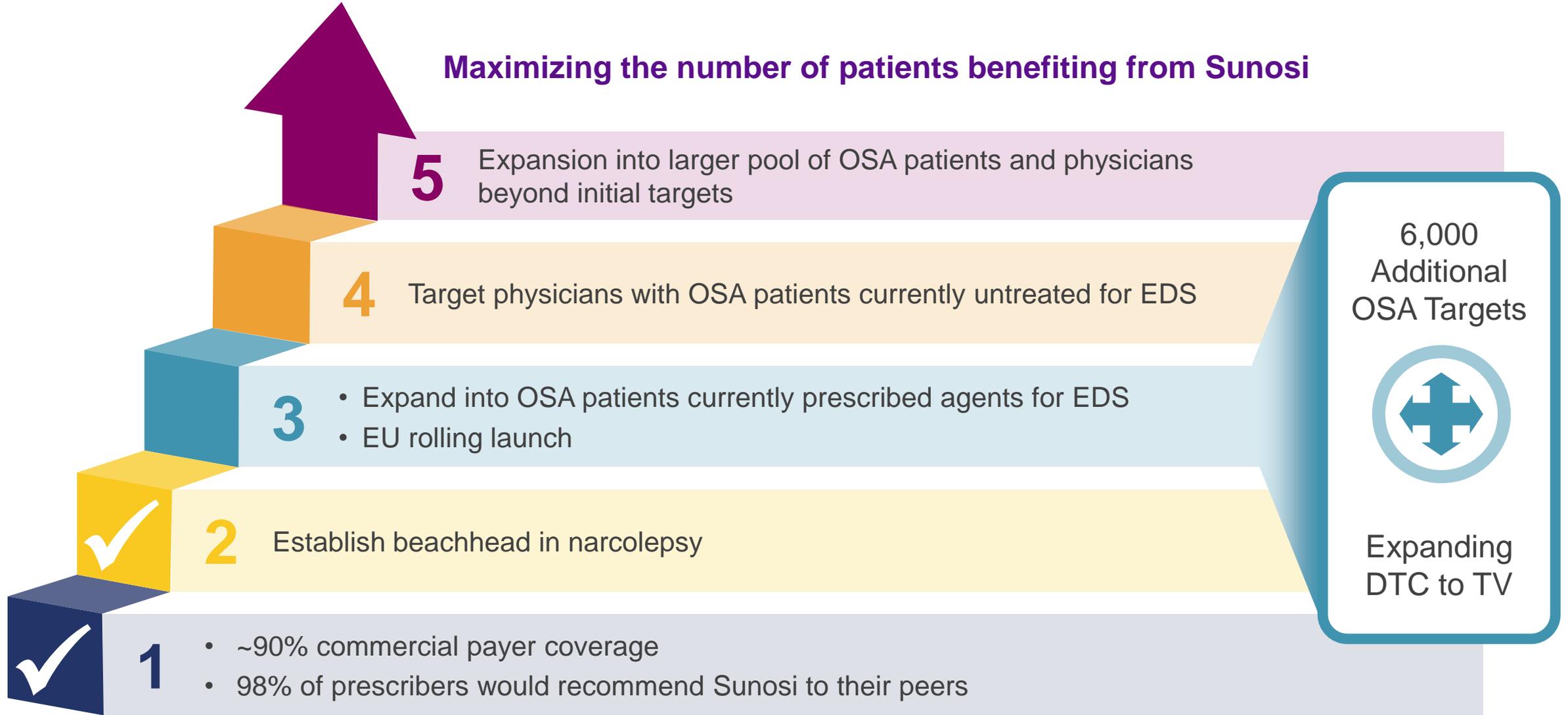
Brain fog

Memory loss

Chronic fatigue

Microsleep

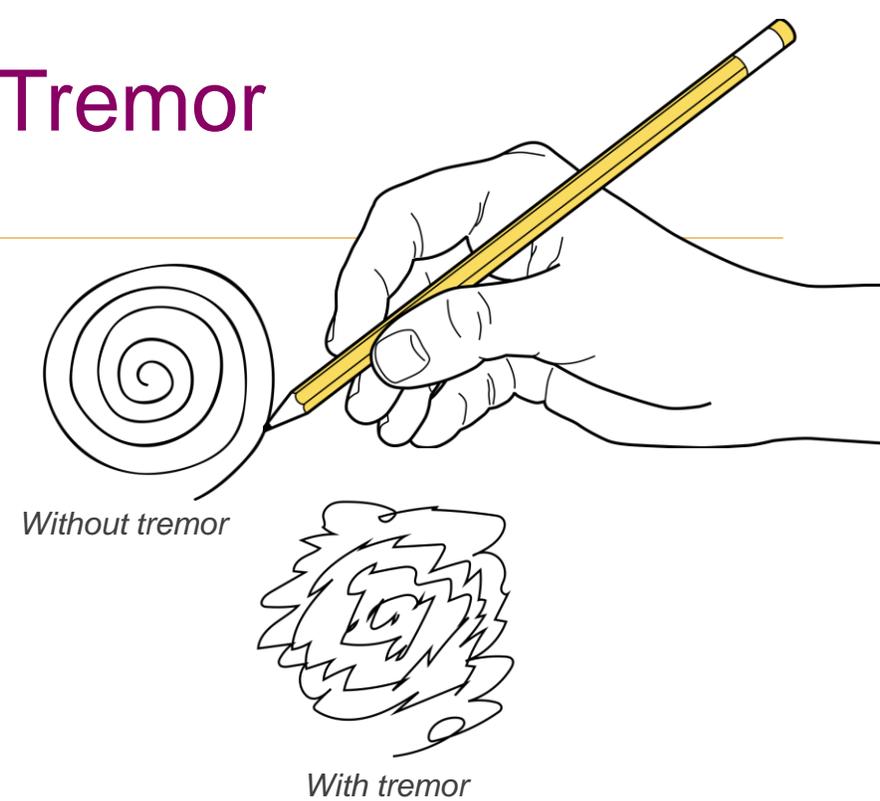
Maximizing the number of patients benefiting from Sunosi



JZP-385 — Initially Focused on Essential Tremor

Phase 2b Study Initiation Planned 1H21

- Most common pathological tremor disorder
- Progressive, irreversible and chronic debilitating disorder
- Profound impact on patients' lives and their activities of daily living
- Patients express feelings of “embarrassment,” “shame,” and “misery”
- No newly approved pharmacotherapy in over 50 years



KEY HIGHLIGHTS

JZP-385

Phase 2
Essential Tremor

- Broadens neuroscience pipeline into movement disorders
- Differentiated MOA — selective T-type calcium (Ca_v3) channel modulator
- Targeted specifically at tremor oscillation centers

GROWTH OPPORTUNITIES

- Limited treatment options
- High unmet need for a safe, effective and durable treatment option
- Development opportunities beyond Essential Tremor



ONCOLOGY

Rapidly Growing Our Oncology Business

Strong Commercial and Development Capabilities



**Revenue
Diversification
Driver**

~\$2B

Oncology sales
2015-2019

3

Products contributed
\$100M+ each in
2019

\$525-565M

2020 Oncology net sales
guidance¹

5

Key approvals
since 2015

**Poised For
Meaningful
Growth**

- Continued double-digit growth in portfolio
- Future revenue growth and diversification fueled by recent Zepzelca launch and planned JZP-458 launch mid-2021
- Expansion into solid tumors with Zepzelca
- Important growth opportunities for JZP-458 through expanded treatment and globalization
- Defitelio and Vyxeos remain important therapies for patients with significant unmet medical needs
- Investing in a deep and broad pipeline of innovative targets

¹ The company expects that, for the year ended December 31, 2020, reported Oncology net revenues will meet the guidance range provided on November 2, 2020. Jazz Pharmaceuticals has not finalized its financial results for the year ended December 31, 2020 and actual results may differ.

Strong Start to Zepzelca Launch

Demonstrating Launch Execution Excellence



Launched July 2020 following FDA accelerated approval for the treatment of adult patients with metastatic SCLC with disease progression on or after platinum-based chemotherapy

LAUNCH HIGHLIGHTS

- Strong initial launch with 3Q revenues of \$37M and growth in 4Q
- Similar share of use across platinum resistant and platinum sensitive 2L SCLC patients¹
- Included in NCCN[®] Guidelines from launch
- Positive feedback from physicians and increased awareness through education and promotion²

STRATEGIC FIT

- Further diversifies commercial portfolio; expands into solid tumors
- Provides meaningful multi-hundred million dollar opportunity with 3–5 year route to peak
- Synergistic with existing portfolio
- SCLC opportunity: Currently ~17,000 patients per year treated; ~8,000 patients do not receive 2L treatment
- Joint development plan with PharmaMar includes:
 - Evaluation of other tumor types
 - 1L SCLC in combination with I/O and other agents

JZP-458: Driven by Patient Need

Demonstrating R&D and Partnering Excellence

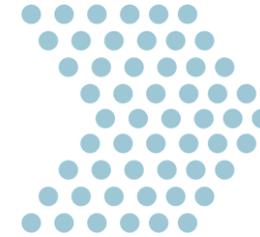
INNOVATE

Significant need for reliable, consistent, high quality supply



EXECUTE

Optimal usage;
Global expansion; R&D



TRANSFORM

Optimize treatment;
Save lives

RAPID PROGRESSION FROM PHASE 1 TO TARGETED LAUNCH IN < 2 YEARS¹

Initial discussions with
FDA on concept of a
recombinant product

2016

Phase 1
completed

2019

Real-Time Oncology Review
BLA submission initiated
December 2020

2020

OBJECTIVE:
launch mid-2021¹

2021

¹ Subject to FDA approval



EXECUTING FOR VALUE CREATION



Meaghan
Narcolepsy Patient

2021 Goals

Aligned to Patient-Centric Strategy and Key Objectives



PATIENT-CENTRIC INNOVATION DRIVES OUR STRATEGY

Innovate to transform the lives of patients

- Expand our pipeline and diversify revenues through acquisitions, collaborations, and internal initiatives
- Build a high value portfolio of assets through disciplined portfolio management and capital allocation



CONTINUED COMMERCIAL EXECUTION EXCELLENCE

Targeted launches:

- JZP-458: mid-year 2021¹
- JZP-258 IH: 4Q21¹

Continue to focus on:

- Rapid U.S. adoption and broad access for Xywav
- Sunosi growth globally
- Driving Zepzelca as the treatment of choice for 2L SCLC patients



ROBUST AND PRODUCTIVE PIPELINE

Key Pipeline Milestones:

- Initiate phase 2b study for JZP-385 in ET in 1H21
- Initiate phase 2 study for JZP-150 in PTSD in late 2021
- Initiate phase 3 study for Zepzelca in combination with I/O in 1L SCLC



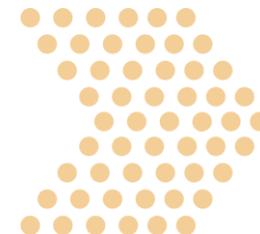
2021

5 key launches through 2020 and 2021



2022

Nearly half of revenues from products launched since 2019



2023

Majority of oxybate patients on Xywav

Delivering Meaningful Shareholder Value



Patient-Centric
Innovation to Drive Our
Strategy



Experienced
Leadership Team to
Execute on Strategy
and Deliver Value



Strong Financial and
Operational Track
Record Generating
>\$2B in Annual Revenue



High Value Neuroscience
and Oncology Products
Poised for Continued
Growth and Diversification



Global Commercial
Footprint and
Operations to Rapidly
Advance and Scale
Products



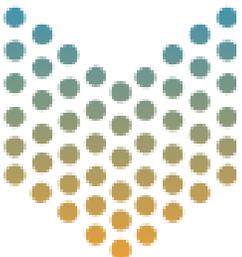
Robust and Productive
Development Pipeline
Designed for Sustainable
Growth



Strong Balance Sheet
and Cash Flow to Enable
Strategic and Disciplined
Capital Deployment



Multiple Important
Catalysts in 2020-2021
Providing Foundation for
Transformative Growth

INNOVATE 
EXECUTE 
TRANSFORM



APPENDIX

Glossary of Terms

1L / 2L / 3L = First / Second / Third Line
ALL = Acute Lymphoblastic Leukemia
AML = Acute Myeloid Leukemia
AMLSG = AML Study Group
BLA = Biologics License Application
CAGR = Compound Annual Growth Rate
CAR-T = Chimeric Antigen Receptor T-cell Therapy
COG = Children's Oncology Group
DTC = Direct-to-Consumer
EDS = Excessive Daytime Sleepiness
EMSCO = European Myelodysplastic Syndromes Cooperative Group
ET = Essential Tremor
FAAH (i) = Fatty Acid Amide Hydrolase (Irreversible)
FDA = U.S. Food and Drug Administration
HMA = Hypomethylating Agent
HR-AML = High-Risk AML
HR-MDS = High-Risk MDS
IH = Idiopathic Hypersomnia

IND = Investigational New Drug Application
LBL = Lymphoblastic Lymphoma
M&A = Mergers & Acquisitions
MAP = Mitogen-activated Protein
MDACC = MD Anderson Cancer Center
MDS = Myelodysplastic Syndrome
MOA = Mechanism of Action
NCCN = National Comprehensive Cancer Network
OSA = Obstructive Sleep Apnea
PharmaMar = Pharma Mar, S.A.
PTSD = Post-Traumatic Stress Disorder
R&D = Research & Development
R/R = Relapsed / Refractory
SCLC = Small Cell Lung Cancer
SHA = Symphony Health
sNDA = Supplemental New Drug Application
SpringWorks = SpringWorks Therapeutics, Inc.
TSR = Total Shareholder Returns
TTCC = T-Type Calcium Channel

Warnings

XYREM

WARNING: CENTRAL NERVOUS SYSTEM DEPRESSION and ABUSE AND MISUSE.

• Central Nervous System Depression

Xyrem (sodium oxybate) is a CNS depressant. In clinical trials at recommended doses, obtundation and clinically significant respiratory depression occurred in adult patients treated with Xyrem [see Warnings and Precautions (5.1)]. Many patients who received Xyrem during clinical trials in narcolepsy were receiving central nervous system stimulants [see Clinical Trials (14)].

• Abuse and Misuse

Xyrem® (sodium oxybate) is the sodium salt of gamma-hydroxybutyrate (GHB). Abuse or misuse of illicit GHB, either alone or in combination with other CNS depressants, is associated with CNS adverse reactions, including seizure, respiratory depression, decreases in the level of consciousness, coma, and death [see Warnings and Precautions (5.2)].

Because of the risks of CNS depression and abuse and misuse, Xyrem is available only through a restricted program under a Risk Evaluation and Mitigation Strategy (REMS) called the XYWAV and XYREM REMS [see Warnings and Precautions (5.3)].

VYXEOS

WARNING: DO NOT INTERCHANGE WITH OTHER DAUNORUBICIN AND/OR CYTARABINE-CONTAINING PRODUCTS

• VYXEOS has different dosage recommendations than daunorubicin hydrochloride injection, cytarabine injection, daunorubicin citrate liposome injection, and cytarabine liposome injection. Verify drug name and dose prior to preparation and administration to avoid dosing errors [see Warnings and Precautions (5.1)].

XYWAV

WARNING: CENTRAL NERVOUS SYSTEM DEPRESSION and ABUSE AND MISUSE.

• Central Nervous System Depression

XYWAV is a CNS depressant. Clinically significant respiratory depression and obtundation may occur in patients treated with XYWAV at recommended doses [see Warnings and Precautions (5.1, 5.4)]. Many patients who received XYWAV during clinical trials in narcolepsy were receiving central nervous system stimulants [see Clinical Trials (14.1)].

• Abuse and Misuse

The active moiety of XYWAV is oxybate or gamma-hydroxybutyrate (GHB). Abuse or misuse of illicit GHB, either alone or in combination with other CNS depressants, is associated with CNS adverse reactions, including seizure, respiratory depression, decreases in the level of consciousness, coma, and death [see Warnings and Precautions (5.2)].

Because of the risks of CNS depression and abuse and misuse, XYWAV is available only through a restricted program under a Risk Evaluation and Mitigation Strategy (REMS) called the XYWAV and XYREM REMS [see Warnings and Precautions (5.3)].