Jefferies London Healthcare Conference

November 18, 2021



Forward-Looking Statements and Use of Non-GAAP Financial Measures

This presentation contains forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. We may, in some cases, use terms such as "predicts," "forecasts," "believes," "potential," "proposed," "continue," "estimates," "anticipates," "expects," "plans," "intends," "may," "could," might," "should" or other words that convey uncertainty of future events or outcomes to identify these forward-looking statements. Examples of forward-looking statements, examples of forward-looking statements, statements regarding financial guidance for Xtampara ER and Nucynta Franchise revenues, Adjusted EBITDA, total operating expenses, current and future market opportunities for our products and our assumptions related thereto. Such statements are subject to numerous important factors, risks and uncertainties that may cause actual events or results, performance, or achievements to differ materially from the company's current expectations. Management's expectations and, therefore, any forward-looking statements in this presentation ncould also be affected by risks and uncertainties relating to a numbare of other factors, including the impact of the COVD-19 pandemic on our ability to conduct our business, reach our customers, and supply the market with our products; our ability to combuct our products; our ability to obtain and maintain regulatory approval of our products and any related restrictions, limitations, and/or warnings in the label of an approved product; the size of the markets for our products and product candidates, including market coept unability to obtain reimbursement and third-party payor contracts for our products; our ability to obtain and maintain regulatory approval of our products and any related to our business; restrictions, indication activities, including market togot unable to our business; restrictions, and/or warnings in the label of an approved product; the size of the markets for our products; the oatto for commercialization activities, including market togot una

To supplement our financial results presented on a GAAP basis, we have included information about certain non-GAAP financial measures such as adjusted EBITDA and operating expenses, excluding stock-based compensation. We use these non-GAAP financial measures to understand, manage and evaluate our business as we believe that provide additional information on the performance of our business. We believe that the presentation of these non-GAAP financial measures, taken in information on the performance of our business. We believe that the presentation of these non-GAAP financial measures, taken in onit hour results under GAAP, provide analysts, investors, lenders and other third parties insight into our view and assessment of our ongoing operating performance. In addition, we believe that the presentation of these non-GAAP financial measures, when viewed with our results under GAAP and the accompanying reconciliations, provide supplementary information that may be useful to analysts, investors, lenders, and other third parties in assessing our performance and results from period to period. We report these non-GAAP financial measures to oportray the results of our operations prior to considering certain income statement elements. These non-GAAP financial measures should be considered in addition to, and not as a substitute for, or superior to, net income or ther financial measures with GAP.

Adjusted EBITDA is a non-GAAP financial measure that represents GAAP net income adjusted to exclude interest expense, interest income, the benefit from or provision for income taxes, depreciation, amortization, and stock-based compensation. Adjusted EBITDA, as used by us, may be calculated differently from, and therefore may not be comparable to, similarly titled measures used by other companies.

There are several limitations related to the use of adjusted EBITDA rather than net income, which is the nearest GAAP equivalent, such as:

- adjusted EBITDA excludes depreciation and amortization, and, although these are non-cash expenses, the assets being depreciated or amortized may have to be replaced in the future, the cash requirements for which are not
 reflected in adjusted EBITDA;
- we exclude stock-based compensation expense from adjusted EBITDA although (a) it has been, and will continue to be for the foreseeable future, a significant recurring expense for our business and an important part of our compensation strategy and (b) if we did not pay out a portion of our compensation in the form of stock-based compensation, the cash salary expense included in operating expenses would be higher, which would affect our cash position;
- adjusted EBITDA does not reflect changes in, or cash requirements for, working capital needs;
- adjusted EBITDA does not reflect the benefit from or provision for income taxes or the cash requirements to pay taxes; and
- adjusted EBITDA does not reflect historical cash expenditures or future requirements for capital expenditures or contractual commitments.

The Company has not provided a reconciliation of its full-year 2021 guidance for non-GAAP adjusted EBITDA to the most directly comparable forward-looking GAAP measure because it is unable to predict, without unreasonable efforts, the timing and number of items that would be included in such a reconciliation, including, but not limited to, stock-based compensation expense. These items are uncertain and depend on various factors that could have a material impact on GAAP net income for the guidance period.

Operating expenses, excluding stock-based compensation is a non-GAAP financial measure that represents GAAP operating expenses adjusted to exclude stock-based compensation expense.





Our Mission: We are committed to being the leader in responsible pain management

We are a mission-driven organization with an **unwavering commitment** to people living with pain and the communities we serve



Integrity is Core to Our Mission



The core of our mission, and the central tenet of our values, is **leading with integrity.**

As an organization committed to being the leader in responsible pain management, we believe that integrity begins with the equitable, inclusive and dynamic environment we create within our organization and manifests in all our corporate activities, which we are committed to conducting at all times in compliance with both the letter and the spirit of the laws, regulations and policies that govern us.



Experienced Management Team & Board of Directors



Joseph Ciaffoni President. CEO & Board Member

Cendo Biogen SHIONOGI UNOVARTIS Schering-Plough sanofi~synthelabo



Medicines Company

Scott Dreyer EVP & Chief Commercial Officer

Biogen MERCK



Colleen Tupper EVP & Chief Financial Officer







AVANIR

Richard Malamut, M.D. EVP & Chief Medical Officer

AstraZeneca

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Scott Sudduth EVP & Head of Technical Operations

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Pepper Hamilton LLP

Shirley Kuhlmann EVP & General Counsel

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COLUMBIA UNIVERSITY

IN THE CITY OF NEW YORK

Collegium Board of Directors



Bart Dunn EVP, Strategy & Corporate Development

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Joseph Ciaffoni President & CEO. **Collegium Pharmaceutical**

Michael Heffernan Chairman of the Board & Collegium Founder

Gwen Melincoff Former Senior BD roles. BTG International, Shire, Adolor

John Freund, M.D. Co-Founder & Partner. **Skyline Ventures**

Garen Bohlin Former COO, Sirtris, Former CEO, Syntonix

John Fallon, M.D. Former SVP & CMO. Blue Cross Blue Shield of MA

Gino Santini Former SVP, Corp. Strategy & BD, President, Eli Lilly

Rita Balice-Gordon Chief Executive Officer. Muna Therapeutics



Strong Corporate Culture





Our Strategy

Deliver on our mission | Create value for shareholders



Maximize the value of our differentiated portfolio of pain products

Achieve our near-term operational and financial goals



Invest in our long-term growth



Focus for Remainder of 2021



Maximize value of differentiated pain portfolio



Achieve our operational and financial goals

Leverage cost structure, generate cash flows



Execute on share repurchase program



Actively pursue business development opportunities



Addressing a Need for Differentiated Pain Products



~50M Americans experience some form of chronic pain.¹



Chronic pain leads to over \$560 billion in healthcare and productivity costs each year.²



The FDA has encouraged development of prescription opioids with abusedeterrent formulations.³



HCPs and regulators are advocating for appropriate opioid prescribing practices that may help mitigate the risk of addiction and other adverse events to patients.

Sources: 1. Yong RJ, Mullins PM, Bhattacharyya N. The prevalence of chronic pain among adults in the United States. Pain. 2021; epub ahead of print. April 2021. 2. Gaskin DJ, Richard P. The Economic Costs of Pain in the United States. In: Institute of Medicine (US) Committee on Advancing Pain Research, Care, and Education. Relieving Pain in America: A Blueprint for Transforming Prevention, Care, Education, and Research. Washington (DC): National Academies Press (US); 2011. Appendix C.

9 3. Center for Drug Evaluation and Research (CDER). Guidance for industry: abuse-deterrent opioids —evaluation and labeling. Rockville, MD: U.S. Department of Health and Human Services, Food and Drug Administration, Center for Drug Evaluation and Research. https://www.fda.gov/files/drugs/published/Abuse-Deterrent-Opioids-Evaluation-and-Labeling.pdf Published April 2015. Accessed January 4, 2021.



Our Differentiated Pain Portfolio

Viewed Favorably by HCPs & Strong Intent to Prescribe¹

LABEL & ACCESS DIFFERENTIATION



- Extended-release, oral oxycodone
- Indicated for pain severe enough to require daily, around-the-clock, long-term opioid treatment and for which alternative treatments are inadequate; not for PRN use²
- Abuse-deterrent label²; proprietary formulation
- Broad formulary coverage, strong position

PRODUCT DIFFERENTIATION



- Extended-release and immediate-release formulations of the opioid Tapentadol with different indications
- ER formulation proven to treat chronic low back pain and neuropathic pain associated with DPN in patients with pain severe enough to require daily, around-the-clock, long-term opioid treatment and for which alternative treatment options are inadequate; not for PRN use³
- IR formulation is indicated for the management of acute pain severe enough to require an opioid analgesic and for which alternative treatments are inadequate in adults4

Boxed Warning: Xtampza ER, Nucynta and Nucynta ER exposes patients and other users to the risks of opioid addiction, abuse and misuse, which can lead to overdose and death. Serious, life-threatening, or fatal respiratory depression may occur. Accidental ingestion, especially by children, can result in fatal overdose. The Prescribing Information includes information on other Boxed Warnings, Limitations of Use, and other serious side effects.

Abuse of Xtampza ER by injection and by the oral and nasal routes of administration is still possible.



Note: Xtampza® ER, DETERx®, and Nucynta® are registered trademarks of Collegium Pharmaceutical, Inc. Sources: 1. ATU (Awareness, Trial, & Usage) Market Research Study, fielded Q1 2021. 2. Xtampza® ER [package insert]. Stoughton, MA: Collegium Pharmaceutical Inc.; 2021. 3. Nucynta® ER [package insert]. 10 Stoughton, MA: Collegium Pharmaceutical Inc.: 2021, 4, Nucvnta® [package insert], Stoughton, MA: Collegium Pharmaceutical Inc.: 2021

Xtampza ER: Our Core Growth Engine



EFFICACY

Powerful Pain Relief
 of ER Oxycodone

-) 12-Hour Dosing

DIFFERENTIATED LABEL VS. OXYCONTIN®

Comparative PK Data Versus OxyContin¹



Maintains PK Profile Designed to maintain its PK profile even when manipulated¹

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Abuse-Deterrent Labeling

Only ER oxycodone with labelling for abusedeterrence via the oral route in addition to intranasal and intravenous^{1,2,3}



DETERx Technology

Only opioid w/ unique DETERx abuse-deterrent technology engineered to resist crushing, grinding, cutting, chewing and injecting¹

Boxed Warning: Xtampza ER exposes patients and other users to the risks of opioid addiction, abuse, and misuse, which can lead to overdose and death. Serious, life-threatening, or fatal respiratory depression may occur. Accidental ingestion, especially by children, can result in fatal overdose. The prescribing Information includes information on other Boxed Warnings and serious side effects.¹

Abuse of Xtampza ER by injection and by the oral and nasal routes of administration is still possible. Additional data, including epidemiological data, may provide further information on the impact of the current formulation of Xtampza ER on the abuse liability of the drug.

Sources: 1. Xtampza ER [package insert]. Stoughton, MA: Collegium Pharmaceutical Inc.; 2021. 2. OxyContin [package insert]. Stamford, CT: Purdue Pharma LP; 2021. 3. Oxycodone Hydrochloride tablet, film coated, extended release [package insert]. Parsippany, NJ: Teva Pharmaceuticals, USA, Inc.; 2021.

Xtampza ER: Meaningful Growth in 2021

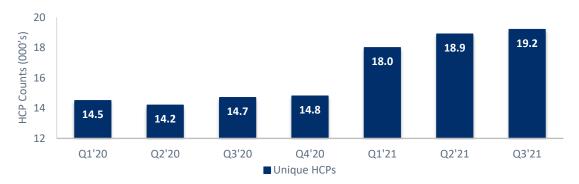


Xtampza ER Volume has Grown 21% YTD¹

Xtampza OER Share has Increased 7.4 Percentage Points YTD²



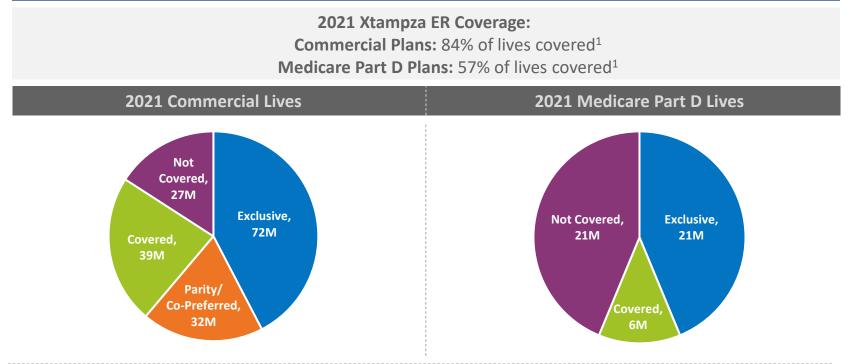
Xtampza ER Unique Prescribers Increased to an All Time High in Q3'21^{1,3}





12 Sources: 1: IQVIA NPA Monthly through Sep 2021; 2: IQVIA Weekly Xponent Prescribing Dynamics through Oct 1, 2021; 3: IQVIA Monthly Xponent through Sep 2021 +Note: All historical data has been updated and is sourced with IQVIA Data Enhancements; Branded ER Market Data

2021 Xtampza ER Growth Supported by Broad Market Access Coverage



Xtampza ER is covered through exclusive & parity contracts for ~57% of lives in 2021¹



Note: Total commercial insured population approximately 170 million lives; Total Medicare part D insured population approximately 48 million lives
 Sources: 1: MMIT Xtampza ER data Oct 2021; policies applied
 Graph Data Source: MMIT Xtampza ER data accessed Oct 2021; policies applied

Xtampza ER Positioned for Next Phase of Growth



3 Million New Exclusive Lives

96 million total exclusive lives under contract¹40 million total parity lives under contract¹



Renegotiated Exclusive Contract

Reduced rebate and maintained exclusivity



Xtampza ER: Payer Strategy Moving Forward

1 New Exclusive & Parity Wins

Selectively securing new exclusive and parity wins at desirable rates



Optimizing Exclusive Contracts¹

~50% of Xtampza ER TRxs in 2022 **~30%** of Xtampza ER TRxs in 2023

Will Manage Xtampza Gross-to-Net to <65% in 2023



Managing Nucynta Franchise for Stable Profit Contribution

Goal for the Nucynta Franchise:

- Contribute stable profits through remaining 5-year lifecycle
- Leverage our cost structure

Five-year commercial runway:

- IP through mid-2025
- Potential pediatric extension would extend exclusivity through end of 2025

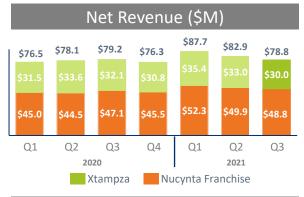


Strengthening Our Financial Position

Key Highlights

Net Revenue of \$78.8M in Q3'21

Operating Expenses, Excluding Stock-Based Comp, decreased Q3'21 vs Q2'21

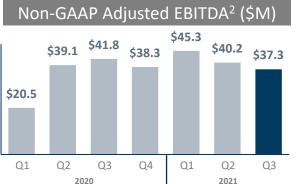


OPEX Excluding SBC¹ (\$M)



Cash Balance of \$193.2M in Q3'21

Adjusted EBITDA of \$37.3M in Q3'21



Cash Balance (\$M)



Notes: This financial data was provided by Collegium Pharmaceutical, Inc. in its Quarterly Report on Form 10-Q filed with the SEC on November 4, 2021.
 Sources: 1. OPEX Excluding SBC is defined as Operating Expenses less Stock-Based Compensation Expense; 2: Non-GAAP Adjusted EBITDA excludes interest expense, interest income, the benefit from or provision for income taxes, depreciation, amortization, and stock-based compensation. The company has not provided a reconciliation of its full-year 2021 guidance for non-GAAP adjusted income (loss) to the most
 directly comparable forward-looking GAAP measure because it is unable to predict, without unreasonable efforts, the timing and number of items that would be included in such a reconciliation. These items are uncertain and depend on various factors that could have a material impact on GAAP net income (loss) for the euidance period.



Business Development is the #1 Priority for Capital Deployment

Business Development Strategy Anchored to Diversification in Three Areas:

Commercial Stage High-Synergy

Differentiated commercial-stage pain assets

Accretive within 24 months

Commercial Stage Lower-Synergy

Commercial-stage therapeutic assets

Potential to serve as strategic beachhead

Non-Opioid Pain

Novel non-opioid pain assets

Phase 2 or later assets

Potential revenue generation between 2025-2027

Peak sales potential of \$150 million or greater



Returning Capital to Shareholders



share repurchase program authorized in August 2021

\$22.8 Million

deployed for share repurchase through November 12th, 2021

\$25 Million

accelerated share repurchase announced November 12th, 2021



| Xtampza ER Revenue | Franchise | | | |
|--------------------------------|------------------------------|--|--|--|
| Total Operating Expenses | \$125.0 - \$130.0 Million | Non-GAAP Adjusted EBITDA ² \$165.0 - \$170.0 Million | | |

1. This financial data was provided by Collegium Pharmaceutical, Inc. in its Press Release filed with the SEC on November 4, 2021.

2. Non-GAAP Adjusted EBITDA excludes interest expense, interest income, the benefit from or provision for income taxes, depreciation, amortization, and stock-based compensation. Collegium is not providing

20 forward-looking guidance for its full-year 2021 U.S. GAAP net income (loss) or a quantitative reconciliation of forward-looking adjusted EBITDA. Please see "Non-GAAP Financial Measures" later in the presentation for additional information.



2021: Focused on Growth & Value Creation

Deliver on our mission | Create value for shareholders

OUR Strategy

Maximize the value of our differentiated portfolio of pain products



Achieve our near-term operational and financial goals

- **2021** Focus
- Drive revenue growth from Xtampza ER
- Stable Nucynta Franchise profit contributions
- Grow revenue
- Maintain financial discipline
- Generate cash



 Actively seek opportunities to enhance portfolio long-term

Invest in our long-term

growth





Appendix: Non-GAAP Reconciliations

Non-GAAP Reconciliations

Collegium Pharmaceutical, Inc. Reconciliation of GAAP Net Income to Adjusted EBITDA (in thousands) (unaudited)

| | Thr | ee months end | led Sep | otember 30, | Nine months ended September 30, | | | | | |
|---|-----|---------------|---------|-------------|---------------------------------|----------|------|---------|--|--|
| 2021 | | | | 2020 | | 2021 | 2020 | | | |
| GAAP net income | \$ | 8,046 | \$ | 11,286 | \$ | 96,551 | \$ | 19,794 | | |
| Adjustments: | | | | | | | | | | |
| Interest expense | | 5,115 | | 8,063 | | 16,257 | | 21,145 | | |
| Interest income | | (3) | | (3) | | (9) | | (229) | | |
| Provision for (benefit from) income taxes | | 991 | | 280 | | (61,049) | | 526 | | |
| Depreciation | | 448 | | 195 | | 1,312 | | 589 | | |
| Amortization | | 16,796 | | 16,795 | | 50,386 | | 43,885 | | |
| Stock-based compensation expense | | 5,948 | | 5,165 | | 19,343 | | 15,700 | | |
| Total adjustments | \$ | 29,295 | \$ | 30,495 | \$ | 26,240 | \$ | 81,616 | | |
| Adjusted EBITDA | \$ | 37,341 | \$ | 41,781 | \$ | 122,791 | \$ | 101,410 | | |



Collegium Pharmaceutical, Inc. Reconciliation of GAAP Operating Expenses to Operating Expenses, Excluding Stock-Based Compensation (in thousands) (unaudited)

| | Three months ended September 30, | | | | Nine months ended September 30, | | | |
|--|----------------------------------|--------|----|--------|---------------------------------|---------|----|--------|
| | | 2021 | | 2020 | | 2021 | | 2020 |
| GAAP Operating expenses | \$ | 31,964 | | 28,567 | | 100,200 | | 94,308 |
| Stock-based compensation | | 5,948 | | 5,165 | | 19,343 | | 15,700 |
| Operating expenses, excluding stock-based compensation | \$ | 26,016 | \$ | 23,402 | \$ | 80,857 | \$ | 78,608 |

