



CUMBERLAND®
PHARMACEUTICALS

Corporate Presentation

Nasdaq CPIX

Safe Harbor Statement

This presentation contains forward-looking statements concerning our approved products and product development, our technology, our competitors, our intellectual property, our financial condition and our plans for research and development programs that involve risks, uncertainties and assumptions. These statements are based on the current estimates and assumptions of the management of Cumberland Pharmaceuticals as of the date of this presentation and are subject to uncertainty and changes in circumstances. Given these uncertainties, you should not place undue reliance upon these forward-looking statements. Such forward-looking statements are subject to risks, uncertainties, assumptions and other factors that may cause the actual results of Cumberland Pharmaceuticals to be materially different from those reflected in such forward-looking statements.

Important factors that could cause actual results to differ materially from those indicated by such forward-looking statements include, among others, those set forth under the headings "Risk factors" and "Management's discussion and analysis of financial condition and results of operations" in our Form 10-K and Form 10-Q Reports on file with the SEC. The Company does not undertake any obligation to release publicly any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events. All statements contained in this presentation are made only as of the date of this presentation. For more information on our brands, including full prescribing and safety information, please see the links to the product websites which can be found at www.cumberlandpharma.com.



Company Overview

Specialty pharmaceutical company

Portfolio of **seven** FDA approved products

Promoted by **two** national sales forces

Several **near-term catalysts** for new growth opportunities

Vibativ post-acquisition integration and market expansion

Next Generation Caldolor product launch

RediTrex methotrexate product line launch

Phase II candidates in development with upcoming study milestones

Proven record of **successful** product development and product acquisition



Mission & Strategy

Mission: Advance Patient Care
through delivery of high-quality medicines

Strategy: Build a portfolio of
specialized biopharmaceutical brands



Product Portfolio

Product
Development:

IV **ACETADOTE**[®]

CALDÖLOR[®]

RediTrex[®]

Product
Acquisition:

 **KRISTALOSE**[®]

 **VIBATIV**[®]
(telavancin) for injection

Omeclamox-Pak[®]

 **Vaprisol**[®]



IV ACETADOTE®

- IV treatment for **America's leading cause of poisoning**
- **Treats liver toxicity** associated with acetaminophen overdose
- Developed and registered by **Cumberland**
- Acetadote now **standard of care**
- Cumberland developed **unique EDTA free formulation**
- Maintaining **significant market share**



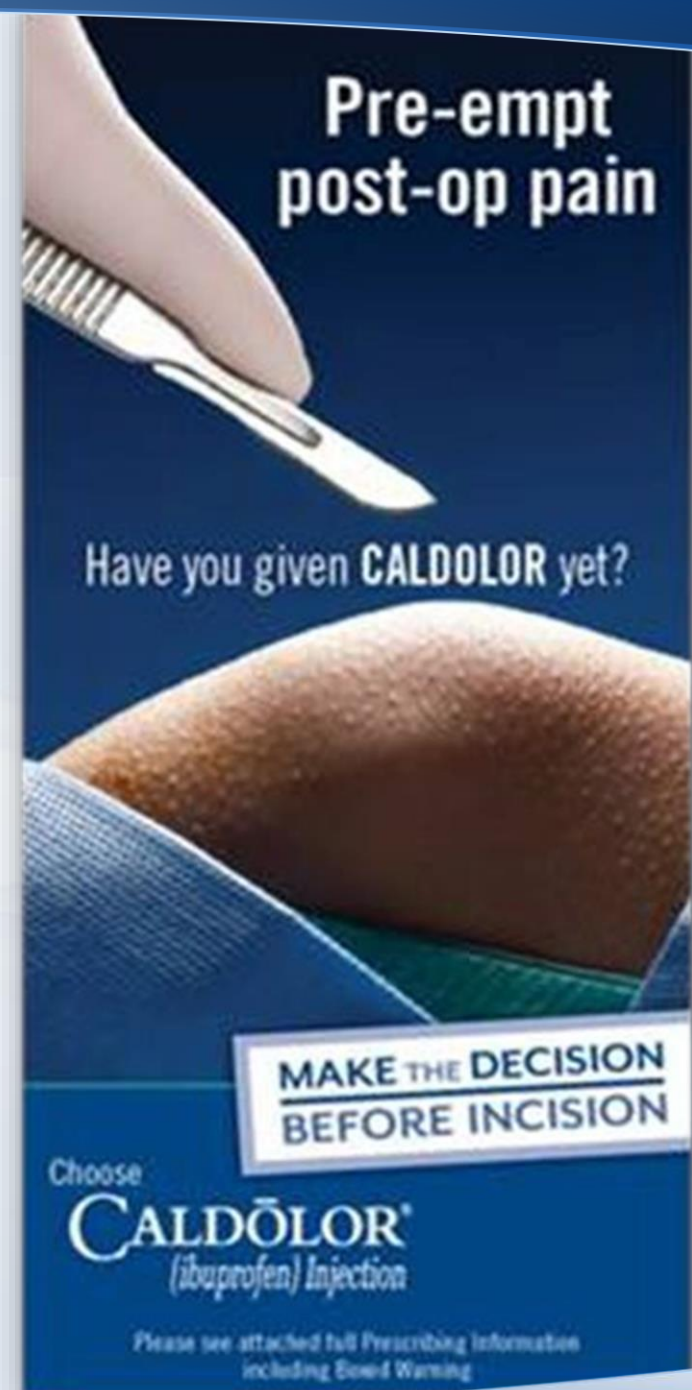
**National Poison Data System, American Association of Poison Centers*



CALDOLOR®

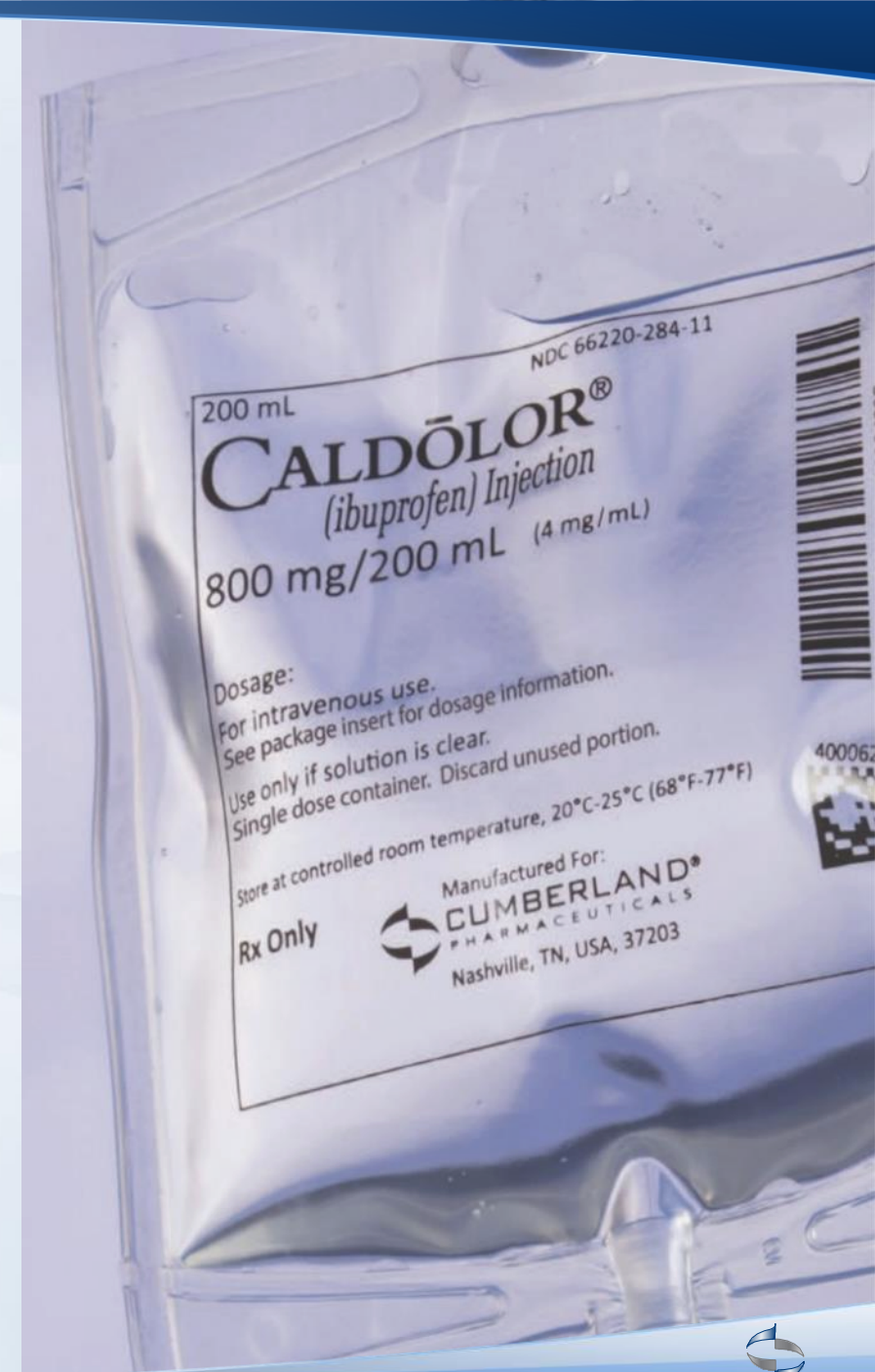
- **Injectable** delivery of **ibuprofen**
- **Developed** and **registered** by Cumberland
- **Antipyretic, analgesic & anti-inflammatory** properties
- Evaluated in **published studies** with ~ **2,000 patients**
- Over **2.3 million doses** administered
- **Pediatric labeling** approved by FDA
- Study in **newborns** recently completed

*Symphony Source Health



CALDOLOR®

- New, **ready to administer** without further dilution
- Designed to help address **National Opioid Crisis**
- **First and only FDA-approved** pre-mixed bag of ibuprofen
- Completed **a soft launch**
- **National launch underway**, gaining early acceptance and growing demand
- Aim to **significantly grow Caldolor's sales** volume over time with the advantages of this ready-to-use product



- **Unique** crystalline formulation of lactulose
- Prescription strength laxative
- **Clinically proven** increases in patient satisfaction
- Repositioned to reflect **branded status**
- New pricing allowed co-pay support and improved **Managed Care coverage**



Commercial Portfolio Expansion Strategy



IDENTIFY

Early Stage Candidates



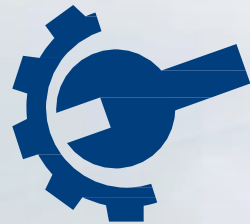
ACQUIRE

*Under-Promoted,
Approved Brands*



EXPAND

Existing Products



DEVELOP

Late-Stage Candidates

**PRODUCT
PORTFOLIO**

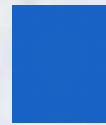


Acquisition Initiative



GOAL TO ADD ONE NEW PRODUCT PER YEAR

through business development initiative or internal product development



Active, ongoing initiative to identify, evaluate and acquire/license **new products** into the portfolio



Source opportunities through direct efforts and intermediaries



Seek commercial and late stage development assets that fit our **strategy and focus**

- Branded, Rx products in hospital acute care or gastroenterology
- Sales of **\$5-25 million or larger** with attractive margins



- **Acquired** following development by Astellas & Theravance
- Injectable antibiotic that treat serious, **life-threatening infections**
- **Hospital** product that **aligns well** with our current infrastructure
- New data demonstrates **superiority over vancomycin** in select patients with bacterial pneumonia.



RediTrex[®]

(methotrexate) injection

- **New injectable** delivery of **methotrexate**
- Designed for the treatment of **arthritis** and **psoriasis**
- The U.S. methotrexate market is demonstrating **significant growth**
- **FDA-approved** and currently implementing soft launch
- Full launch planned for **Fall 2021**



Ifetroban Overview

- Cumberland's first **new chemical entity (NCE)**
- A **potent, selective** antagonist of thromboxane receptor (TPr)
- Initially developed by **Bristol-Myers Squibb** as an anti-platelet agent
- **Safety is well-established** in 26 clinical studies with **over 1,300 subjects**
- Collaborating with **Vanderbilt, Harvard, Scripps** and other academic centers
- Cumberland successfully manufactures **both IV** and **oral formulations**



Ifetroban Development Pipeline



Boxaban® (*aspirin-exacerbated respiratory disease*)

Vasculan® (*systemic sclerosis*)

Dyscorban® (*Duchenne muscular dystrophy*)



Duchenne Muscular Dystrophy (DMD)

- **A rare, fatal, genetic neuromuscular disease** characterized by the progressive loss of muscle which results in deterioration of the skeleton, heart and lungs
- Cumberland is investigating ifetroban for the treatment of **cardiomyopathy** associated with DMD
- **New data** demonstrates ifetroban could prevent cardiac fibrosis and improve cardiac function – published **Journal American Heart Association**
- The **FDA** awarded just over \$1 million in **Orphan Drug Grant** funding for this unmet medical need
- **IND cleared** and **Phase II study** is now underway



Aspirin Exacerbated Respiratory Disease (AERD)

- **A form of asthma** with chronic rhinosinusitis, nasal polyposis and respiratory reactions to aspirin
- **7%** of asthma patients and **14%** of severely asthmatic patients have AERD
- AERD has been well documented to **occur in children**
- **No FDA** approved treatment for this unmet medical need



Systemic Sclerosis (SSc)

- **A debilitating, chronic autoimmune disease** which causes thickening of the skin and fibrosis of internal organs
- **~165,000 U.S.** patients annually – **Orphan Drug Candidate**
- **Highest death rate** of any **rheumatic** condition
- Average **survival** is approximately **11 years from diagnosis**
- **Women** more commonly affected; also occurs in **children**
- ***No FDA approved treatment for this unmet medical need***

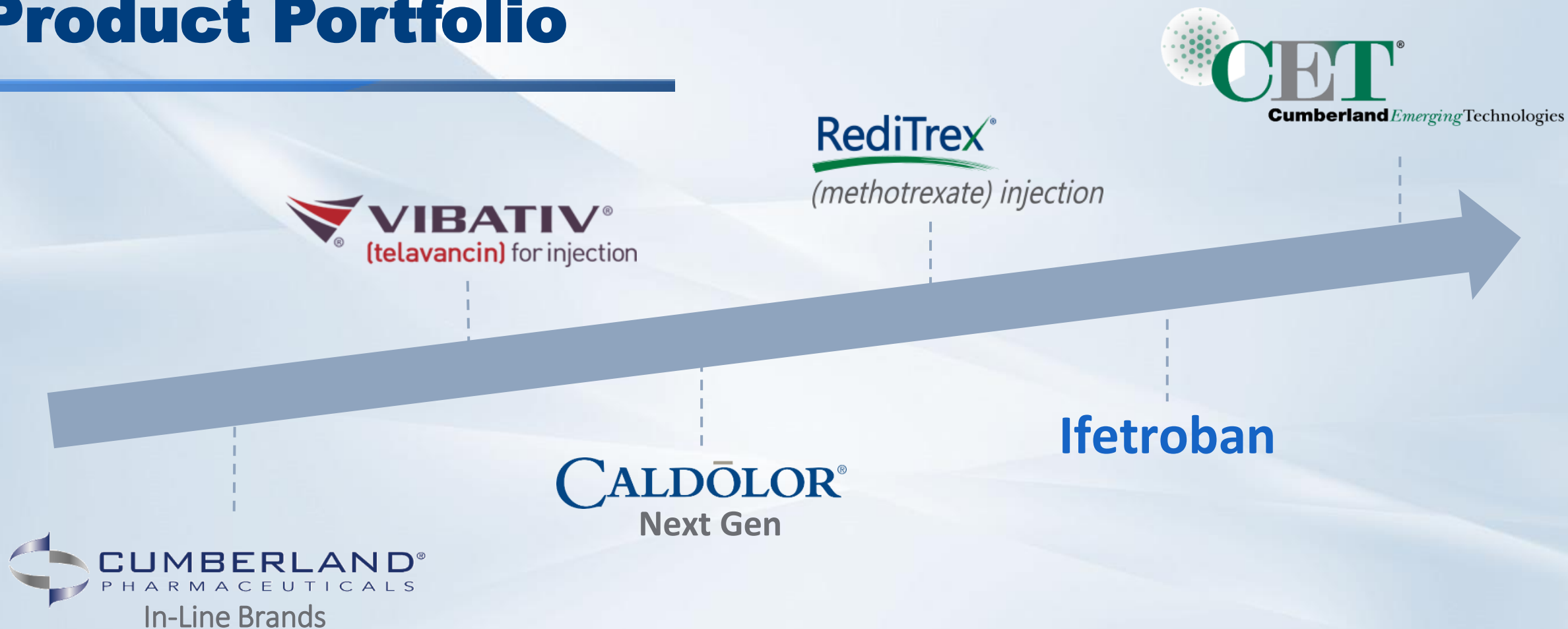




- **Joint initiative** to build long term pipeline
- Collaborating with **Academic Research** Partners
- Building **portfolio** of innovative **licensed products**
- Managing **Life Science Center**
- Supporting through **grant initiatives**



Expanding Our Product Portfolio



Deploying a Multifaceted Strategy to Create Value



Income Statement

(\$ IN MILLIONS)

YTD 2021

Net Revenues	\$27.7
Cost of Products Sold	<u>(5.5)</u>
Gross Profit	\$22.2
Selling & Marketing	(11.7)
Research & Development	(4.1)
General Administrative	(6.4)
Amortization	(3.4)
Other Income	2.2
Discontinued Operations Income	<u>1.5</u>
Net Income	\$0.3
Cash Flow from Operations	\$4.4



Summary Balance Sheet

(\$ IN MILLIONS)

As of September 30, 2021

Cash and Equivalents	\$25.7
Total Assets	87.6
Total Liabilities	40.1
Total Equity	47.5

**\$15 million available on revolving line of credit*

**Tax carry forward credits of \$44 million available*

**Continued Share Repurchase Program*



Cumberland Moving Forward



Diverse product portfolio **with 7 FDA approved brands**



Proven **development and commercialization capabilities**



Various initiatives in place to support **near-term growth**



Phase II products in development with upcoming study milestones



Valuation gap given assets, cash, sales, and pipeline





CUMBERLAND®
PHARMACEUTICALS

NASDAQ: CPIX