

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, DC 20549

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**FORM 8-K**

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**Current Report Pursuant  
to Section 13 or 15(d) of the  
Securities Exchange Act of 1934**

Date of Report (Date of earliest event Reported): **January 7, 2019**

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**THERAVANCE BIOPHARMA, INC.**

(Exact Name of Registrant as Specified in its Charter)

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**Cayman Islands**  
(State or Other Jurisdiction of  
Incorporation)

**001-36033**  
(Commission File Number)

**98-1226628**  
(I.R.S. Employer Identification  
Number)

**PO Box 309  
Ugland House, South Church Street  
George Town, Grand Cayman, Cayman Islands KY1-1104  
(650) 808-6000**

(Addresses, including zip code, and telephone numbers, including area code, of principal executive offices)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (Â§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (Â§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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## Item 2.05 Costs Associated with Exit or Disposal Activities.

On January 7, 2019, Theravance Biopharma, Inc. (the "Company") announced a reduction in workforce to align with its focus on continued execution of key strategic programs, and advancement of selected late-stage research programs toward clinical development. The Company will reduce its overall headcount by approximately 50 individuals, with the affected employees primarily focused on early research or the infrastructure in support of VIBATIV® (telavancin), a marketed antibiotic recently sold by the Company to Cumberland Pharmaceuticals, Inc. The workforce reduction is expected to be substantially completed in the first quarter of 2019.

As a result of the workforce reduction, the Company expects to record severance related charges totaling approximately \$2.5 - 3.0 million, which includes one-time cash severance payments and continued health insurance coverage but does not include ordinary course compensation expense that will continue to be made to affected employees during any statutory notice periods. A significant majority of the cash payments relating to personnel-related restructuring charges will be paid during the first quarter of 2019.

The charges that the Company expects to incur in connection with the workforce reduction are estimates and subject to a number of assumptions, and actual results may differ materially. The Company may incur additional costs not currently contemplated due to events associated with or resulting from the workforce reduction.

## Item 7.01 Regulation FD Disclosure.

*The information in this Current Report (including Exhibit 99.1) is being furnished and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section. The information in this Current Report (including Exhibit 99.1) shall not be incorporated by reference into any registration statement or other document pursuant to the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.*

Between January 7-10, 2019, members of the Theravance Biopharma, Inc. management team will be conducting meetings with analysts and investors in San Francisco, CA. A copy of the slide presentation for these meetings is being furnished pursuant to Regulation FD as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

## Item 8.01 Other Events.

On January 7, 2019, the Company issued a press release announcing a reduction in force and related matters. A copy of the press release is attached hereto as Exhibit 99.2 and incorporated by reference into this Item 8.01.

## Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

- 99.1 [Investor presentation dated January 2019](#)
- 99.2 [Press Release of Theravance Biopharma, Inc. dated January 7, 2019](#)

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**THERAVANCE BIOPHARMA, INC.**

Date: January 7, 2019

By: /s/ Bradford J. Shafer

Bradford J. Shafer

Executive Vice President and General Counsel

# Theravance Biopharma, Inc. (NASDAQ: TBPH)

Investor Presentation

January 2019



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## Forward Looking Statements

Under the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995, the company cautions investors that any forward-looking statements or projections made by the company are subject to risks and uncertainties that may cause actual results to differ materially from the forward-looking statements or projections.

Examples of forward-looking statements in this presentation include statements relating to the company's business plans and objectives, including financial and operating results, potential partnering transactions and sales targets, the company's regulatory strategies and timing and results of clinical studies, the potential benefits and mechanisms of action of the company's product and product candidates (including their potential as components of combination therapies).

The company's forward-looking statements are based on the estimates and assumptions of management as of the date of this presentation and are subject to risks and uncertainties that may cause the actual results to be materially different than those projected, such as risks related to delays or difficulties in commencing or completing clinical studies, the potential that results from clinical or non-clinical studies indicate product candidates are unsafe or ineffective (including when our product candidates are studied in combination with other compounds), delays or failure to achieve and maintain regulatory approvals for product candidates, risks of collaborating with third parties to discover, develop and commercialize products, risks associated with establishing and maintaining sales, marketing and distribution capabilities.

Other risks affecting the company are described under the heading "Risk Factors" and elsewhere in the company's Form 10-Q filed with the Securities and Exchange Commission (SEC) on November 8, 2018, and other periodic reports filed with the SEC.

# Insight and Innovation Drive Long-term Growth

## Focus on discovering transformational medicines

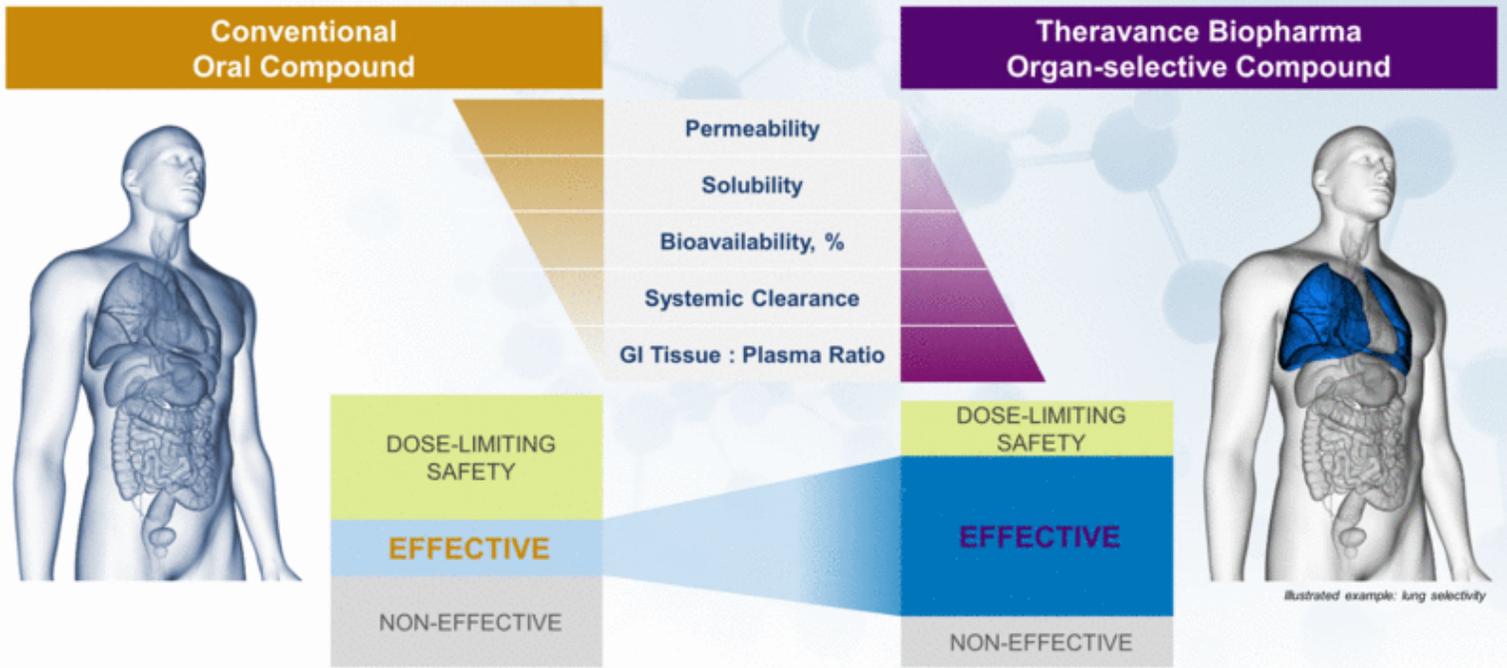
- › Create value from strategic integration of key functional insights
- › Focus on transformative products to deliver value to payers, patients and HCP's
- › Pursue medicines with difficult-to-replicate design characteristics for long term competitive advantage

## Proven development expertise to deliver innovation

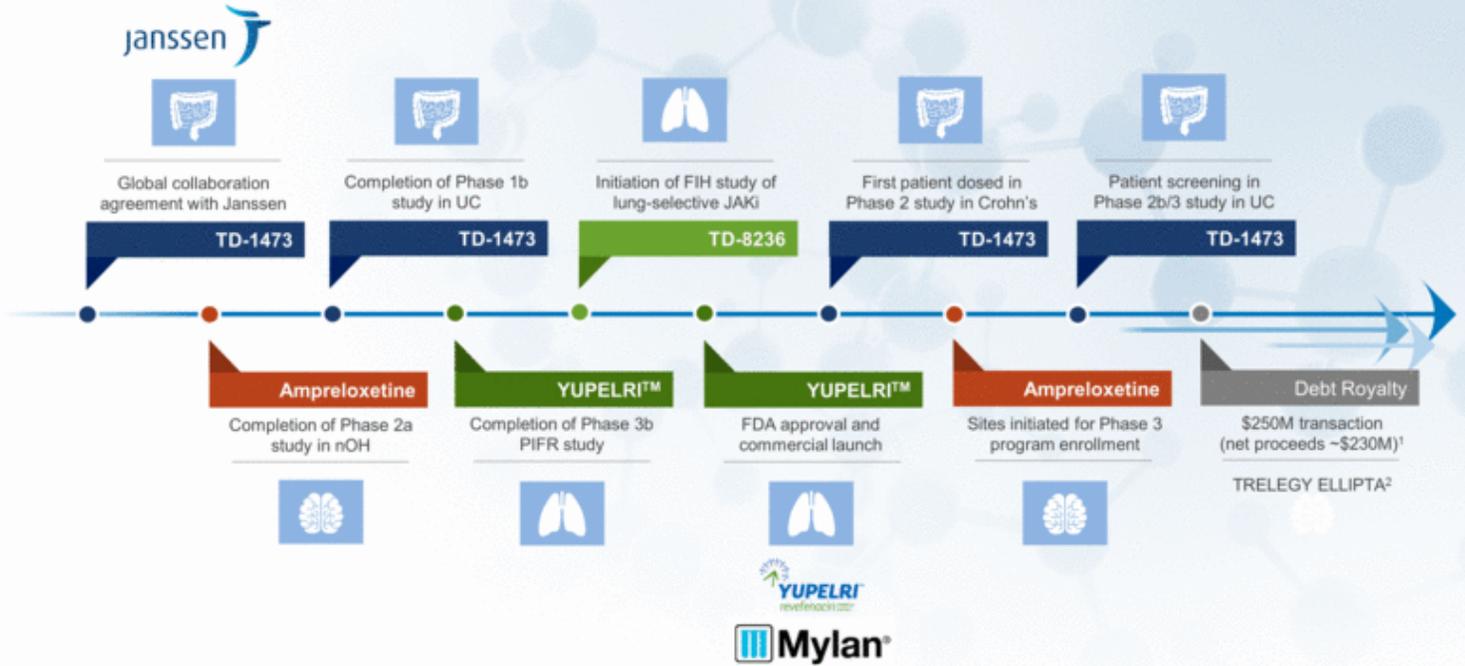
- › Leverage preclinical data and translational science expertise to design clinical studies that provide insights and maximize value of early programs
- › Integrated approach accelerates time to pivotal studies
- › Partnerships to complement and expand existing expertise
- › Established commercial infrastructure surrounds value proposition

Strategic objective to transform the treatment of serious diseases with novel, locally acting organ-selective therapies

# Organ-selectivity Aimed to Expand Therapeutic Index



# 2018 Key Milestones

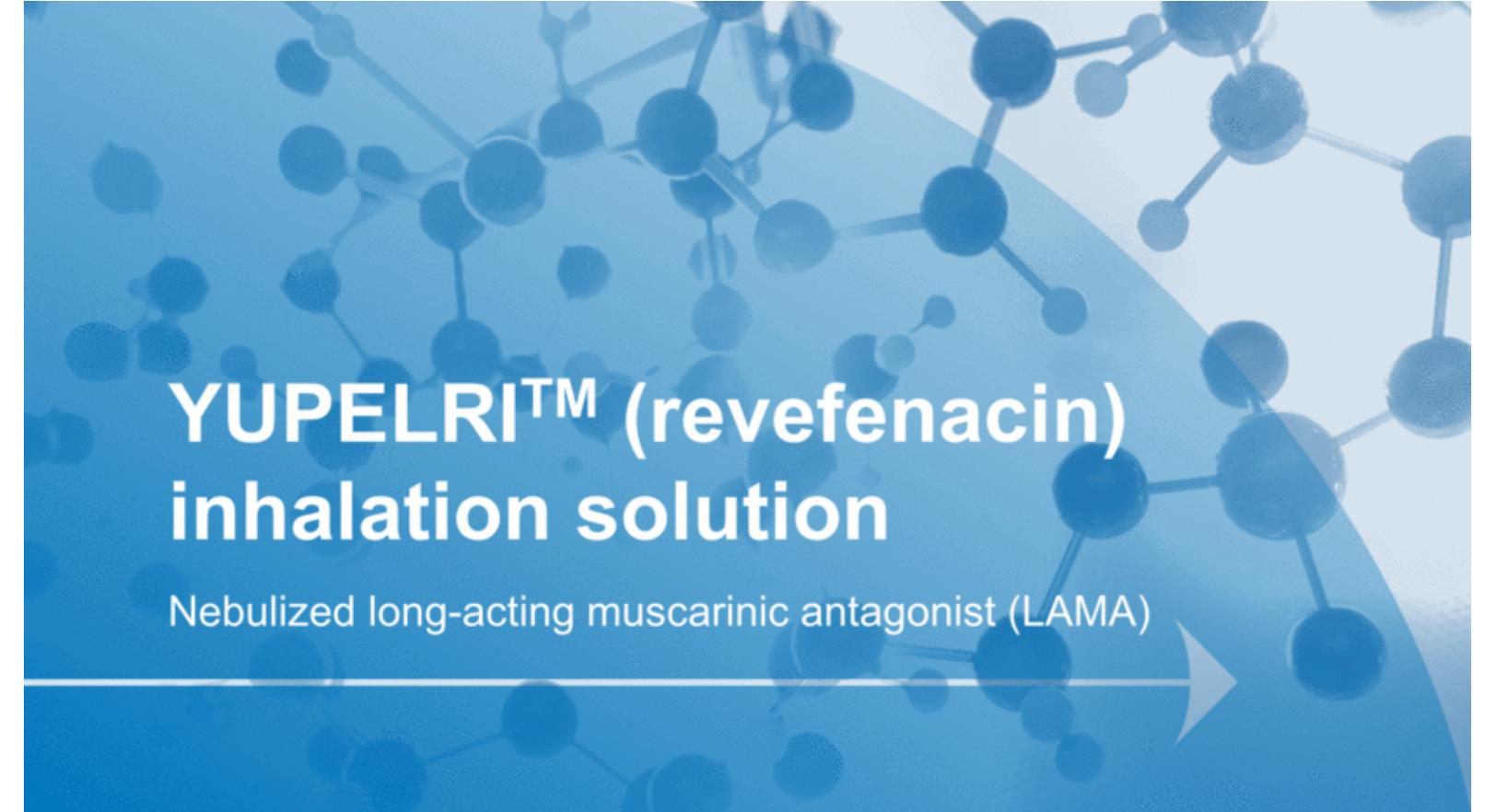


# Strategic Focus in 2019

 TD-1473 (JAKi)	 Amprexetine (NSRI)	 YUPELRI™ (LAMA)
Partnership with global leader in Immunology  Phase 2 study in Crohn's disease underway and initiating pivotal Phase 2b/3 study in ulcerative colitis	Positive top-line four-week results in nOH  Initiating pivotal Phase 3 program in symptomatic nOH	<b>APPROVED BY FDA</b>  First once-daily nebulized LAMA for treatment of COPD; launch underway

- ▶ Commercial organization to concentrate on YUPELRI™
- ▶ Economic interest in TRELEGY ELLIPTA serves as an important strategic asset<sup>1</sup>
  - Strong launch following approvals in US and EU in late 2017

TD-1473, amprexetine, and YUPELRI™ each internally discovered and developed by R&D engine which serves as important driver of long term value

The background of the top section is a blue gradient with a faint, semi-transparent molecular structure of interconnected spheres and lines. A large, light blue arrow points from the left towards the right, partially overlapping the text.

# **YUPELRI™ (revefenacin) inhalation solution**

Nebulized long-acting muscarinic antagonist (LAMA)

# YUPELRI™: Now Commercially Available

## FDA-APPROVED FOR THE MAINTENANCE TREATMENT OF COPD

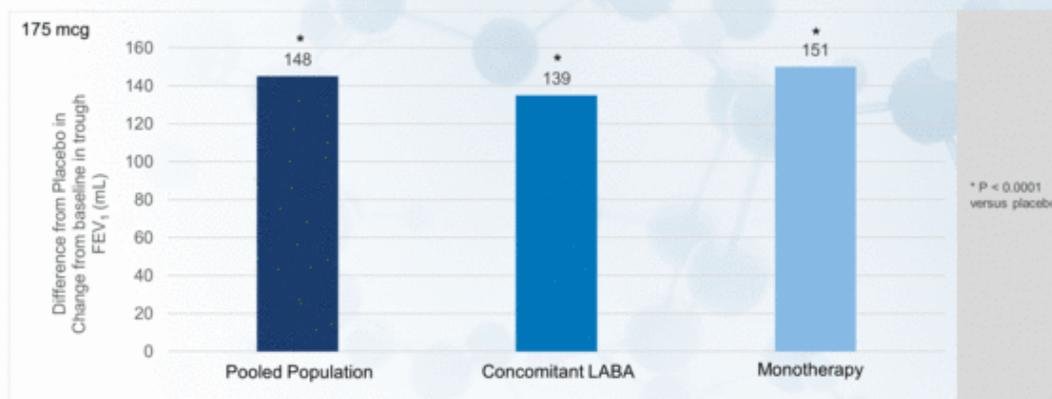
- ▶ Single cycle approval ahead of expected PDUFA date, without an Advisory Committee
- ▶ Higher of two doses approved: 175 mcg once daily, for use with any standard jet nebulizer
- ▶ **Label incorporates:**

- ✔ Data illustrating change from baseline in trough FEV<sub>1</sub> after 12 weeks of dosing
- ✔ Data illustrating sustained treatment effect over 24 hours
- ✔ Observed improvements across a range of patients
  - 37% of patients took concomitant LABA or LABA/ICS
- ✔ Summary of safety data and most common side effects
- ✔ Direction to store at room temperature



# NDA Supported by Positive Phase 3 Results

## TWO REPLICATE EFFICACY STUDIES, PLUS 12-MONTH SAFETY STUDY



- ▶ Primary endpoint achieved for both doses in replicate efficacy studies
  - Robust and sustained improvements in FEV<sub>1</sub>
  - Study included use as monotherapy as well as add-on to LABA or LABA/ICS
- ▶ Generally well tolerated in 12-month safety study

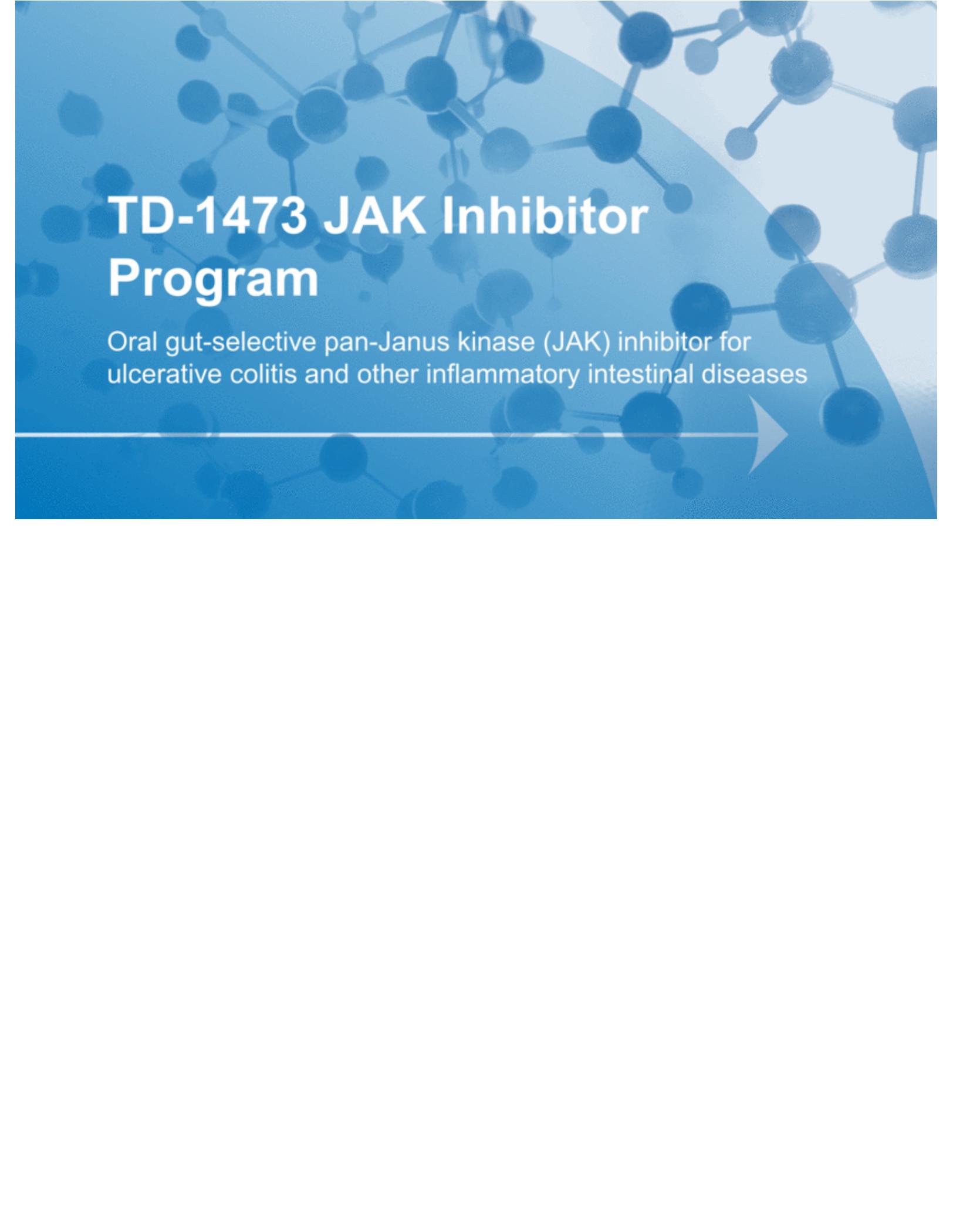
# Partnership with Mylan Provides Commercial Strength in Nebulized Opportunity

Combined sales infrastructures to cover Hospital, Hospital Discharge and Home Health settings



## Enduring patient niche and significant market opportunity

- ▶ >100M patient treatment days in nebulized COPD segment<sup>1</sup>
- ▶ 9% of COPD patients currently use nebulizers for ongoing maintenance therapy<sup>2</sup>
- ▶ 41% of COPD patients use nebulizers at least occasionally for bronchodilator therapy<sup>2</sup>

The background of the slide features a complex molecular structure composed of dark blue spheres connected by thin lines, set against a lighter blue gradient. A large, semi-transparent white arrow points from the left towards the right, positioned behind the text.

# TD-1473 JAK Inhibitor Program

Oral gut-selective pan-Janus kinase (JAK) inhibitor for ulcerative colitis and other inflammatory intestinal diseases

# Differentiated and Potential Breakthrough Approach

## ADVANCING IN COLLABORATION WITH JANSSEN IN UC AND CROHN'S

TD-1473 program objectives: Oral pan-JAK inhibitor that distributes selectively throughout the intestines to treat inflammatory intestinal disease locally, with minimal systemic exposure or corresponding immunosuppressive effects, to enhance safety and efficacy



### Phase 1b study in UC patients complete

- Data demonstrated localized biological target engagement with minimal systemic exposure
- Clinical responses after only 4 weeks of therapy

### Preclinical models of UC confirmed

- Improvements in disease scores, local absorption and penetration of TD-1473 throughout intestinal tract

### Phase 3 enabling toxicology complete

- Favorable safety margins in 6 and 9 month studies

# Encouraging Findings in Phase 1b Study

## 4-WEEK TREATMENT IN 40 PATIENTS WITH ULCERATIVE COLITIS

### Key Findings

<b>Favorable overall safety and tolerability</b>	No systemic or opportunistic infections (including herpes zoster) No evidence of reduce white cell counts
<b>Minimal systemic exposure</b>	Plasma levels of TD-1473 very low Consistent in all cohorts to levels observed in healthy volunteers
<b>Biologic activity in GI tract</b>	<b>Endoscopic improvements and mucosal healing</b> reported in all active arms; none reported in placebo arm <b>Rectal bleeding</b> scores improved above placebo at highest two doses Rates of <b>clinical response</b> higher for all active doses compared to placebo <sup>1</sup> Clinical responses matched by <b>dose-dependent reductions in surrogate biomarkers</b> <sup>2</sup> Dose-related increases in local GI tissue drug concentrations; higher two doses produced mean concentrations above JAK IC50

Detailed results presented in oral late-breaker at UEGW 2018;  
Phase 2 in Crohn's disease underway and progressing into Phase 2b/3 in UC

# Late-stage Studies of TD-1473 in UC and Crohn's Disease

## Phase 2b/3 study in ulcerative colitis

**RHEA**  
PROGRAM

Phase 2b induction, 4 arms (N=240)  
Dose-finding induction, 8 weeks

Responders



Phase 3 maintenance  
44 weeks

Phase 3 induction, 2 arms (N=640)  
Dose-confirming induction, 8 weeks



Responders

## Phase 2 study in Crohn's disease

**DIONE**  
STUDY

Phase 2 study, 3 arms (N=160)  
Dose-finding induction, 12 weeks

Active treatment extension, 2 arms  
24 weeks

# Global Collaboration Agreement for TD-1473

## PURPOSED TO MAXIMIZE VALUE OF PROGRAM

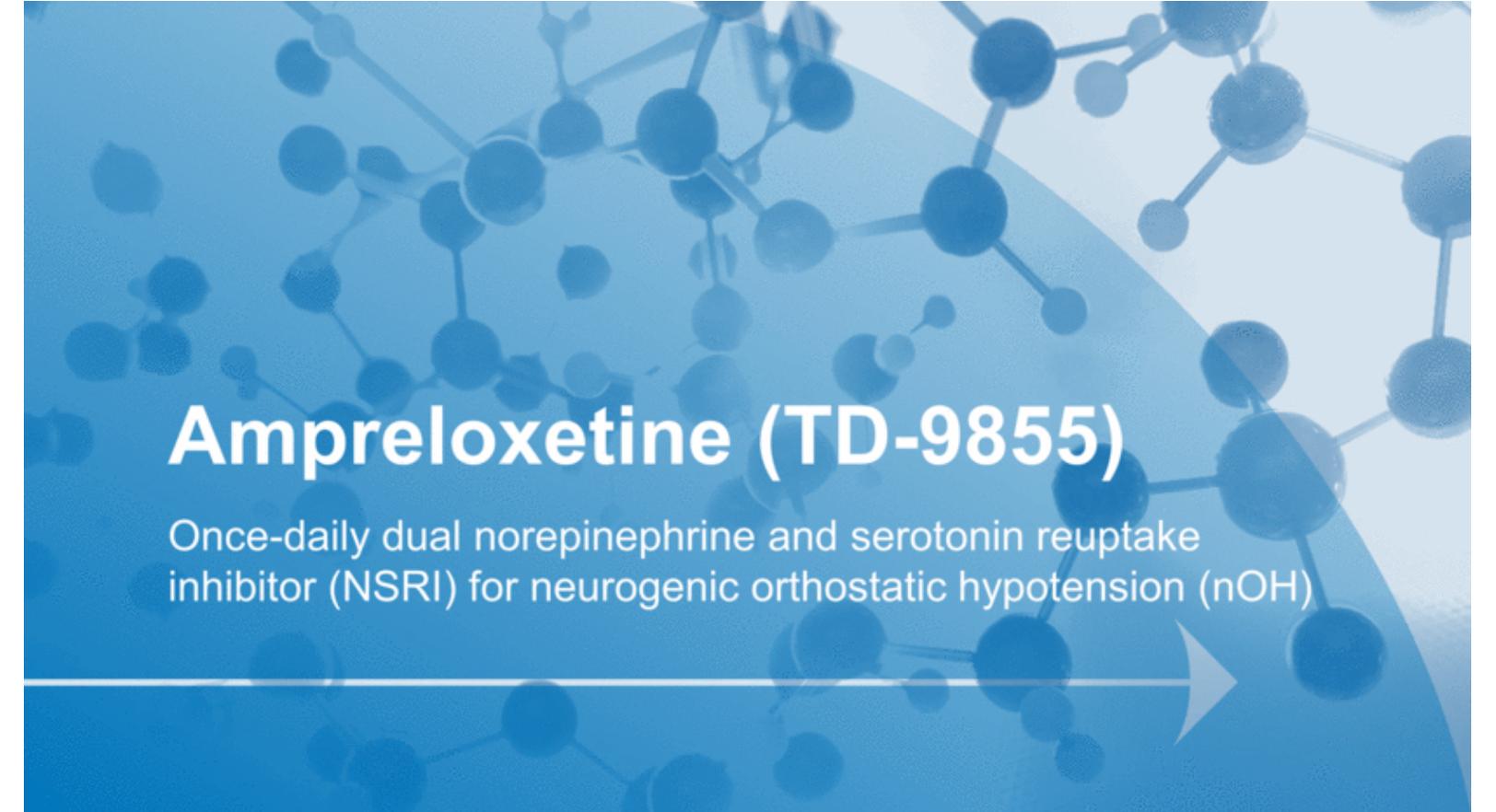
Theravance  
Biopharma 

Medicines That Make a Difference®

Janssen 

- ▶ Shared belief in TD-1473 as gut-selective with potential to transform the treatment landscape in inflammatory intestinal disease
- ▶ Meaningful program enhancements
  - Accelerate clinical development and advance UC and Crohn's in parallel
  - Apply Janssen expertise in IBD to optimize clinical strategy and execution
  - Maximize worldwide commercial opportunity
- ▶ Attractive deal economics reducing overall financial risk
  - Deal value up to \$1B milestones, including \$100M upfront; additional profit-share in US

Collaboration with global leader in immunology represents milestone for TD-1473, our internally discovered pipeline and strategy to design organ-selective medicines

The background of the slide features a complex molecular structure composed of dark blue spheres connected by thin lines, set against a lighter blue gradient. A large, semi-transparent white arrow points from the left towards the right, passing behind the text.

# Ampreloxetine (TD-9855)

Once-daily dual norepinephrine and serotonin reuptake inhibitor (NSRI) for neurogenic orthostatic hypotension (nOH)

# Symptomatic nOH Represents a Significant Unmet Need

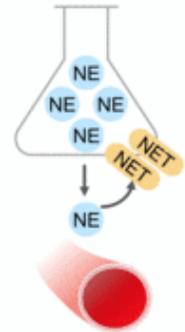
nOH characterized by a sustained drop in blood pressure upon standing, due to body producing insufficient levels of norepinephrine (NE)

- ▶ Associated with several autonomic disorders: MSA, PD, PAF
- ▶ Symptoms include dizziness, fainting, blurred vision and weakness
- ▶ Orphan indication with < 200k patients in US

## Opportunity exists for safe and effective treatment

- Only droxidopa (Northera) and midodrine FDA-approved for nOH
- Synthetic exogenous NE analogues impact disease by increasing vascular tone
- Limitations of current therapy: Supine hypertension, TID dosing, patients refractory or discontinue, lack of durability<sup>1</sup>
- Ideal therapy would target durable improvement in symptoms and daily function

Blood pressure key biological driver to nOH symptoms





# Overview of Phase 2 Study in nOH

## DESIGNED TO EVALUATE INITIAL AND DURABLE RESPONSE TO THERAPY

Three-part design in patients with nOH:

- A**
- Single ascending dose portion of ampreloxetine (up to 20 mg)
  - Testing blood pressure response to ampreloxetine

- B**
- Double-blind
  - Placebo-controlled
  - Single dose (Part A response dose) or placebo

- C**
- Extension phase
  - Open label design
  - Up to 24 weeks (20 weeks dosing, 4 week wash out)
  - Primary endpoint at 4 weeks

*Patients started on Part A, and responders moved to Part B and/or Part C (extension phase)*

**Purpose:** To evaluate the effect of ampreloxetine in improving blood pressure and key nOH symptoms

**Part C:** Responders in Part A eligible for open-label treatment for up to 5 months

- Designed to assess durability of effect
- Primary assessment at four weeks (Day 29)
- Efficacy evaluations: OHSA<sup>1</sup> #1, standing time duration, standing systolic blood pressure
- Also assessed safety and pharmacokinetics of ampreloxetine

# Top-line Phase 2 Results in nOH

## PARTS A and B: SINGLE ASCENDING DOSE, TD-9855 OR PLACEBO

### A Initial responses observed

Responses reported in majority of patients treated

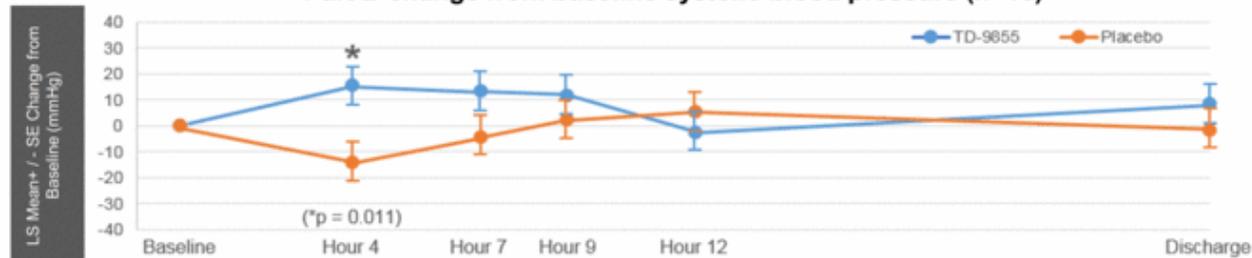
- 27 of 34 patients enrolled in Part A showed improvements in SBP and/or standing time
- Responses observed above 5 mg

### B Confirmation vs. placebo

Statistically significant difference of 30 mmHg at 4 hours post-dose ( $p = 0.011$ )

- Amprelosetine increased SBP from a low baseline
- SBP dropped on placebo during day as expected, due to postural changes and eating
- No evidence of supine hypertension with amprelosetine overnight

Part B change from baseline systolic blood pressure (n=10)



# Top-line Phase 2 Results in nOH

## PART C: REPEAT DOSE EXTENSION PHASE

### C Durability of effect observed out to 4 weeks

16 of 21 patients (76%) completed four weeks of treatment

Reductions in symptom severity, with most pronounced benefit in patients with symptomatic nOH<sup>1</sup>

- Mean reduction in OHSA #1 = 2.4 points at four weeks (n=16)
- 13 completers had OHSA #1 > 4 points at baseline; **mean reduction in group = 3.8 points at four weeks**

Consistent increases in SBP through four weeks

- Clinically meaningful increases in standing SBP (7 mmHg or greater) after standing for three minutes at all time points on all weekly clinic visits

Generally well tolerated; no serious adverse events assessed as drug-related

Positive results including durability of effect provide basis to begin registrational Phase 3 program in symptomatic nOH in early 2019

# TD-8236

Potential first inhaled non-steroidal  
anti-inflammatory for moderate-to-severe asthma  
regardless of Th2 phenotype



# High Medical and Economic Burden in Uncontrolled Asthma

## Patient population

- ▶ 4.9M moderate-to-severe diagnosed patients in US<sup>1</sup>

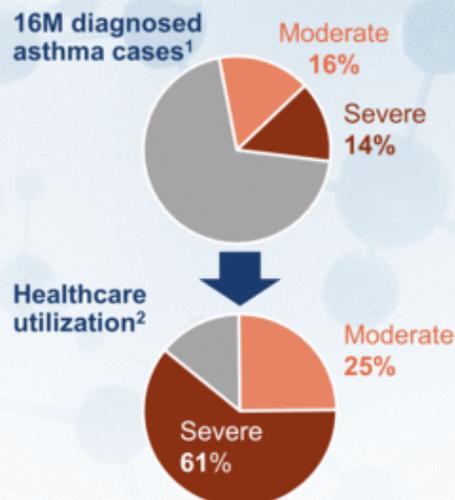
## Current treatments

- ▶ Inhaled steroids, which often fail to control disease
- ▶ Approved biologics affect subsets of patients

## Burden of disease

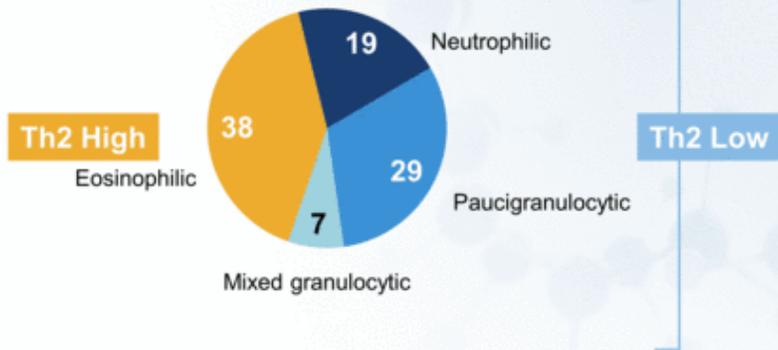
- ▶ Acute exacerbations lead to ER visits
- ▶ Uncontrolled symptoms interfere with ability to sleep, work and QOL
- ▶ US medical costs estimated to be \$58B<sup>3</sup>
- ▶ Disproportionate healthcare utilization by severe and uncontrolled asthmatics
  - High frequency of hospitalizations and increased use of systemic medications

## Small portion of US patients cause high proportion of cost



# Potential for Inhaled pan-JAKi to Address Needs of Patients Regardless of Th2 Phenotype

## Patient heterogeneity in severe asthma



## JAK/STAT cytokines implicated in severe asthma

Th2 High	Th2 Low
<b>IL-4</b>	<b>IL-23/IL-12</b>
<b>IL-13</b>	<b>IL-6</b>
<b>IL-5</b>	<b>IL-27</b>
<b>TSLP</b>	<b>IFN-<math>\gamma</math></b>

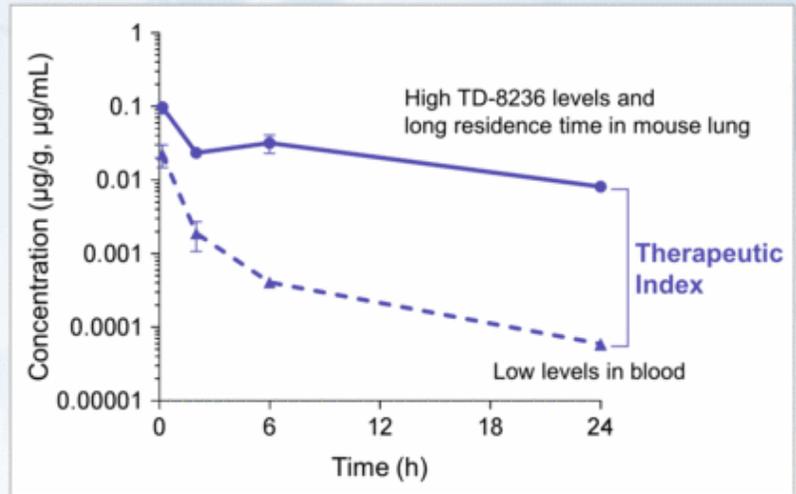
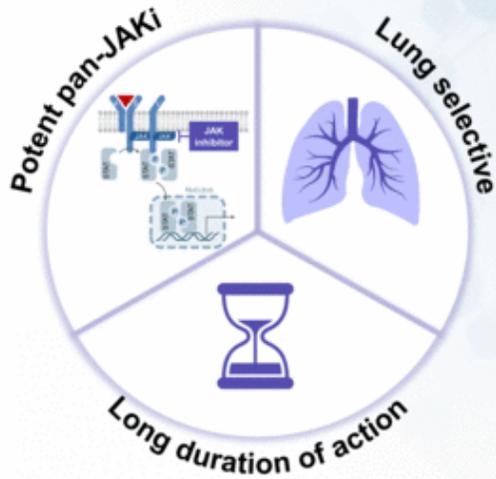
*Bold denotes biologics in development or approved*

**TD-8236 potentially inhibits proposed mediators of Th2 high and Th2 low asthma in human cells**

- ▶ Novel approved biologics address only Th2 high asthma
- ▶ Key treatment needs: Prevention of exacerbations and symptom control for patient population regardless of Th2 phenotype

**Program goal: a potent, inhaled, non-steroidal anti-inflammatory with broad activity in airway inflammation**

# TD-8236 is Optimized for Dry Powder Delivery to the Lung



TD-8236's profile supports a once-daily inhaled product with minimal systemic exposure



# Economic Interest

GSK's FDA-approved TRELEGY ELLIPTA (FF/UMEC/VI):  
First and only once-daily single inhaler triple therapy

# GSK's TRELEGY ELLIPTA: Strong Early Trajectory

## FIRST AND ONLY ONCE-DAILY SINGLE INHALER TRIPLE THERAPY

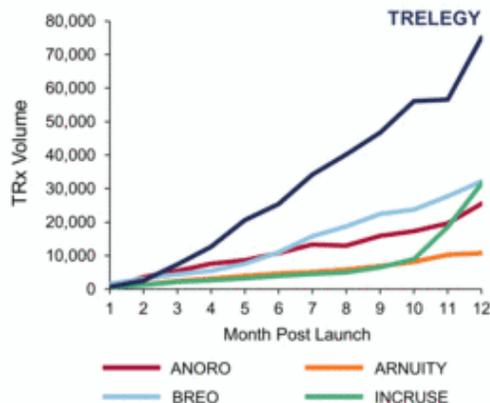
### Economic interest in TRELEGY ELLIPTA

- ▶ Upward-tiering royalty of approximately 5.5% - 8.5% of worldwide net sales<sup>1</sup>
- ▶ Passive economic interest; no product cost obligations
- ▶ Impressive progress following first approvals in late-2017
  - ✔ Available in 16 countries
  - ✔ Filed in China and Japan; 9 additional approvals expected in 2019
  - Phase 3 asthma study to complete in early 2019

### Recent note transaction augments financial strength into 2019

- ▶ Non-dilutive private placement of \$250 million of 9% non-recourse notes
- ▶ Payable by economic interest in TRELEGY ELLIPTA
  - 75% of royalties to debt repayment until repaid
  - 25% of royalties to the Company
- ▶ Immediate cash infusion with retained economics over TRELEGY ELLIPTA's commercial lifespan; proceeds to support key strategic priorities

Strongest US ELLIPTA launch to date



Launched in US in November 2017.

Source: GSK; IQVIA NPA weekly TRx data. This information is an estimate derived from the use of information under license from the following IQVIA information service: NPA for the period November 2013 through October 2018. IQVIA expressly reserves all rights, including rights of copying, distribution and republication.



# Opportunities for Value Creation

Upcoming milestones

# Development Pipeline Advancing Forward

Program	Pre-clinical	Early	Proof of Concept	Pivotal	Collaborator
<b>GI</b> Gastrointestinal JAKs	<b>TD-1473</b> Ulcerative colitis				janssen
	<b>TD-1473</b> Crohn's disease				
<b>NSRI</b>	<b>Ampreloxetine (TD-9855)</b> Symptomatic neurogenic orthostatic hypotension				
<b>IR</b> Inhaled JAKs	<b>TD-8236</b> Serious respiratory diseases				

Multiple programs advancing into pivotal studies, underpinned by future potential cash flows from TRELEGY ELLIPTA royalties, potential Janssen milestones and YUPELRI™ launch

# Focus on Strategic Priorities

## COMMITMENT TO CREATING TRANSFORMATIONAL MEDICINES

Opportunities to Create Transformational Medicines	YUPELRI™ (revefenacin)	<b>Nebulized LAMA in COPD</b> • FDA-approved, commercial launch underway
	TD-1473	<b>Intestinally-restricted JAKi for inflammatory intestinal diseases</b> • Phase 2 study in Crohn's disease underway and initiating Phase 2b/3 study in ulcerative colitis
	Amprexetine	<b>NSRI in symptomatic neurogenic orthostatic hypotension</b> • Initiating Phase 3 program
	TD-8236	<b>Inhaled JAK inhibitor for serious respiratory diseases</b> • First in human studies underway
	Late-stage research	<b>New organ-selective projects in the lung, gut, and eye advancing towards clinic</b>
Economic Interest	TRELEGY ELLIPTA <sup>1</sup>	<b>(FF/UMEC/VI) Single inhaler triple therapy in COPD</b> • Expected regional expansion including approvals in Japan and China • Phase 3 CAPTAIN study (asthma) expected to complete in early 2019

Managed by GSK and Innoviva<sup>1</sup>

Significant existing cash resources to fund strategic priorities<sup>2</sup>

## About YUPELRI™ (revefenacin) inhalation solution

YUPELRI™ (revefenacin) inhalation solution is a novel once-daily nebulized LAMA approved for the maintenance treatment of COPD in the US.

Market research by Theravance Biopharma indicates approximately 9% of the treated COPD patients in the US use nebulizers for ongoing maintenance therapy.<sup>1</sup> LAMAs are a cornerstone of maintenance therapy for COPD and YUPELRI is positioned as the first once-daily single-agent bronchodilator product for COPD patients who require, or prefer, nebulized therapy. YUPELRI's stability in both metered dose inhaler and dry powder device formulations suggest that this LAMA could also serve as a foundation for novel handheld combination products.

<sup>1</sup> TBPH market research (N = 160 physicians); refers to US COPD patients



## Theravance Biopharma Announces Alignment of Workforce with Focus on Key Strategic Priorities

**DUBLIN, IRELAND** **January 7, 2019** Theravance Biopharma, Inc. (NASDAQ: TBPH) (the "Company") today announced a reduction in workforce to align with its focus on continued execution of key strategic programs, and advancement of selected late-stage research programs toward clinical development. Theravance Biopharma will reduce its overall headcount by approximately 50 individuals, with affected employees primarily focused on early research or the infrastructure in support of VIBATIV<sup>®</sup> (telavancin). VIBATIV is a marketed antibiotic recently sold by the Company to Cumberland Pharmaceuticals, Inc.

"Our portfolio has evolved over time, most recently with the approval and commercial launch of YUPELRI<sup>®</sup> (revelfenacin) plus the advancement of TD-1473 and amprelosetine (TD-9855) into late-stage development programs. At this juncture, we concluded it was prudent to focus resources on our late-stage research projects and translational science, late-stage development pipeline, and the commercialization of YUPELRI<sup>™</sup>," said Rick E Winningham, chairman and chief executive officer of Theravance Biopharma. "While we are scaling back our activities in early research, we remain committed to drug discovery as a source of future long-term growth for our organization. In 2019, those efforts will include driving four new, promising organ-selective projects toward first-in-human studies. We want to express our deep appreciation to the employees who are leaving for their significant contribution to the Company's achievements, and we wish them well in their future endeavors."

### About Theravance Biopharma

Theravance Biopharma, Inc. (the "Company") is a diversified biopharmaceutical company with the core purpose of creating medicines that help improve the lives of patients suffering from serious illness.

In our relentless pursuit of this objective, we strive to apply insight and innovation at each stage of our business, including research, development and commercialization, and utilize both internal capabilities and those of partners around the world. Our research efforts are focused in the areas of inflammation and immunology. Our research goal is to design localized medicines that target diseased tissues, without systemic exposure, in order to maximize patient benefit and minimize risk. These efforts leverage years of experience in developing localized medicines for the lungs to treat respiratory disease. The first potential medicine to emerge from our research focus on immunology and localized treatments is an oral, gut-selective pan-Janus kinase (JAK) inhibitor, currently in development to treat a range of inflammatory intestinal diseases. Our pipeline of internally discovered product candidates will continue to evolve with the goal of creating transformational medicines to address the significant needs of patients.

In addition, we have an economic interest in future payments that may be made by Glaxo Group or one of its affiliates (GSK) pursuant to its agreements with Innoviva, Inc. relating to certain programs, including Trelegy Ellipta.

For more information, please visit [www.theravance.com](http://www.theravance.com).

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*This press release contains certain "forward-looking" statements as that term is defined in the Private Securities Litigation Reform Act of 1995 regarding, among other things, statements relating to goals, plans, objectives, expectations and future events. Theravance Biopharma intends such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in Section 21E of the Securities Exchange Act of 1934 and the Private Securities Litigation Reform Act of 1995. Examples of such statements include statements relating to expectations for the repayment of the notes, the expected future commercial performance of Trelegy Ellipta, the Company's strategies, plans and objectives, the Company's regulatory strategies and timing of clinical studies (including the data therefrom), the potential benefits and mechanisms of action of the Company's product and product candidates, the Company's expectations for product candidates through development and potential regulatory approval and commercialization (including their potential as components of combination therapies). These statements are based on the current estimates and assumptions of the management of Theravance Biopharma as of the date of the press release are subject to risks, uncertainties, changes in circumstances, assumptions and other factors that may cause the actual results of Theravance Biopharma to be materially different from those reflected in the forward-looking statements. Important factors that could cause actual results to differ materially from those indicated by such forward-looking statements include, among others, risks related to: delays or difficulties in commencing, enrolling or completing clinical studies, the potential that results from clinical or non-clinical studies indicate the Company's product candidates are unsafe or ineffective (including when our product candidates are studied in combination with other compounds), risks that product candidates do not obtain approval from regulatory authorities, the feasibility of undertaking future clinical trials for our product candidates based on policies and feedback from regulatory authorities, dependence on third parties to conduct clinical studies, delays or failure to achieve and maintain regulatory approvals for product candidates and risks of collaborating with or relying on third parties to discover, develop, manufacture and commercialize products. Other risks affecting Theravance Biopharma are described under the heading "Risk Factors" contained in Theravance Biopharma's Form 10-Q filed with the Securities and Exchange Commission (SEC) on November 8, 2018 and Theravance Biopharma's other filings with the SEC. In addition to the risks described above and in Theravance Biopharma's filings with the SEC, other unknown or unpredictable factors also could affect Theravance Biopharma's results. No forward-looking statements can be guaranteed and actual results may differ materially from such statements. Given these uncertainties, you should not place undue reliance on these forward-looking statements. Theravance Biopharma assumes no obligation to update its forward-looking statements on account of new information, future events or otherwise, except as required by law.*

## **Contact Information**

Alexander Dobbin  
650-808-4045  
investor.relations@theravance.com

Tim Brons  
Vida Strategic Partners (media)  
646-319-8981  
tbrons@vidasp.com

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