

---

---

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

---

**Form 10-Q**

---

(Mark One)

**QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended September 30, 2015

OR

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number: 001-36033

---

**THERAVANCE BIOPHARMA, INC.**

(Exact Name of Registrant as Specified in its Charter)

---

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

**98-1226628**  
(I.R.S. Employer  
Identification No.)

**PO Box 309**  
**Ugland House, South Church Street**  
**George Town, Grand Cayman, Cayman Islands**  
(Address of Principal Executive Offices)

**KY1-1104**  
(Zip Code)

**(650) 808-6000**  
(Registrant's Telephone Number, Including Area Code)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated filer

Non-accelerated filer   
(Do not check if a smaller reporting company)

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

As of October 31, 2015, the number of the registrant's outstanding ordinary shares was 37,839,185.

---

---

**THERAVANCE BIOPHARMA, INC.**  
**TABLE OF CONTENTS**

	<u>Page No.</u>
<b><u>PART I. FINANCIAL INFORMATION</u></b>	
<b><u>Item 1. Financial Statements</u></b>	
<u>Condensed Consolidated Balance Sheets as of September 30, 2015 and December 31, 2014 (unaudited)</u>	3
<u>Condensed Consolidated Statements of Operations and Comprehensive Loss for the three months and nine months ended September 30, 2015 and 2014 (unaudited)</u>	4
<u>Condensed Consolidated Statements of Cash Flows for the nine months ended September 30, 2015 and 2014 (unaudited)</u>	5
<u>Notes to Condensed Consolidated Financial Statements (unaudited)</u>	6
<b><u>Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations</u></b>	15
<b><u>Item 3. Quantitative and Qualitative Disclosures About Market Risk</u></b>	25
<b><u>Item 4. Controls and Procedures</u></b>	25
<b><u>PART II. OTHER INFORMATION</u></b>	
<b><u>Item 1. Legal Proceedings</u></b>	26
<b><u>Item 1A. Risk Factors</u></b>	26
<b><u>Item 2. Unregistered Sales of Equity Securities and Use of Proceeds</u></b>	47
<b><u>Item 6. Exhibits</u></b>	48
<b><u>Signatures</u></b>	49
<b><u>Exhibit Index</u></b>	50

[Table of Contents](#)

## PART I. FINANCIAL INFORMATION

## ITEM 1. FINANCIAL STATEMENTS

**THERAVANCE BIOPHARMA, INC.**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**  
**(Unaudited)**  
**(In thousands, except per share data)**

	September 30, 2015	December 31, 2014
<b>Assets</b>		
Current assets:		
Cash and cash equivalents	\$ 127,114	\$ 89,215
Short-term marketable securities	68,856	165,396
Accounts receivable, net of allowances of \$579 and \$87 at September 30, 2015 and December 31, 2014, respectively	783	289
Receivables from collaborative arrangements	19,640	1,840
Prepaid and other current assets	9,705	6,084
Inventories	12,141	12,546
Total current assets	<u>238,239</u>	<u>275,370</u>
Property and equipment, net	9,513	9,663
Long-term marketable securities	—	51,399
Other investments	8,000	—
Restricted cash	833	833
Other assets	921	506
Total assets	<u>\$ 257,506</u>	<u>\$ 337,771</u>
<b>Liabilities and Shareholders' Equity</b>		
Current liabilities:		
Accounts payable	\$ 5,963	\$ 9,921
Accrued personnel-related expenses	10,222	18,156
Accrued clinical and development expenses	6,652	7,871
Other accrued liabilities	4,322	5,219
Deferred revenue	271	89
Total current liabilities	<u>27,430</u>	<u>41,256</u>
Deferred rent	4,746	5,150
Other long-term liabilities	2,785	1,578
Commitments and contingencies (Note 3)		
Shareholders' equity		
Preferred shares, \$0.00001 par value: 230 shares authorized, no shares issued or outstanding at September 30, 2015 and December 31, 2014, respectively	—	—
Ordinary shares, \$0.00001 par value: 200,000 shares authorized at September 30, 2015 and December 31, 2014; 33,935 and 32,221 shares issued and outstanding at September 30, 2015 and December 31, 2014, respectively	—	—
Additional paid-in capital	499,232	429,206
Accumulated other comprehensive income (loss)	43	(82)
Accumulated deficit	<u>(276,730)</u>	<u>(139,337)</u>
Total shareholders' equity	<u>222,545</u>	<u>289,787</u>
Total liabilities and shareholders' equity	<u>\$ 257,506</u>	<u>\$ 337,771</u>

*See accompanying notes to condensed consolidated financial statements.*

**THERAVANCE BIOPHARMA, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS AND COMPREHENSIVE LOSS**  
**(Unaudited)**  
**(In thousands, except per share data)**

	<u>Three Months Ended September 30,</u>		<u>Nine Months Ended September 30,</u>	
	<u>2015</u>	<u>2014</u>	<u>2015</u>	<u>2014</u>
<b>Revenue:</b>				
Product sales	\$ 2,312	\$ 1,303	\$ 5,716	\$ 3,109
Revenue from collaborative arrangements	8,386	5,033	32,517	7,146
Total revenue	<u>10,698</u>	<u>6,336</u>	<u>38,233</u>	<u>10,255</u>
<b>Costs and expenses:</b>				
Cost of goods sold	581	369	1,456	836
Research and development (1)	30,367	38,324	96,763	126,330
Selling, general and administrative (1)	22,845	17,705	66,139	49,875
Total costs and expenses	<u>53,793</u>	<u>56,398</u>	<u>164,358</u>	<u>177,041</u>
Loss from operations	(43,095)	(50,062)	(126,125)	(166,786)
Interest and other income	104	668	518	882
Loss before income taxes	(42,991)	(49,394)	(125,607)	(165,904)
Provision for income taxes	4,323	5,101	11,786	6,824
Net loss	<u>\$ (47,314)</u>	<u>\$ (54,495)</u>	<u>\$ (137,393)</u>	<u>\$ (172,728)</u>
<b>Net loss per share:</b>				
Basic and diluted net loss per share	<u>\$ (1.40)</u>	<u>\$ (1.72)</u>	<u>\$ (4.12)</u>	<u>\$ (5.44)</u>
Shares used to compute basic and diluted net loss per share	<u>33,689</u>	<u>31,754</u>	<u>33,353</u>	<u>31,746</u>
Net unrealized gain (loss) on available-for-sale investments	19	(97)	125	(118)
Total comprehensive loss	<u>\$ (47,295)</u>	<u>\$ (54,592)</u>	<u>\$ (137,268)</u>	<u>\$ (172,846)</u>

(1) Amounts include share-based compensation expense as follows:

<b>(In thousands)</b>	<u>Three Months Ended September 30,</u>		<u>Nine Months Ended September 30,</u>	
	<u>2015</u>	<u>2014</u>	<u>2015</u>	<u>2014</u>
Research and development	\$ 6,035	\$ 5,132	\$ 20,334	\$ 14,046
Selling, general and administrative	6,216	4,218	22,205	14,768
Total share-based compensation expense	<u>\$ 12,251</u>	<u>\$ 9,350</u>	<u>\$ 42,539</u>	<u>\$ 28,814</u>

*See accompanying notes to condensed consolidated financial statements.*

**THERAVANCE BIOPHARMA, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
**(Unaudited)**  
**(In thousands)**

	Nine Months Ended September 30,	
	2015	2014
<b>Operating activities</b>		
Net loss	\$ (137,393)	\$ (172,728)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	2,292	2,493
Share-based compensation	42,539	28,814
Excess tax benefits from share-based compensation	(206)	(393)
Non-cash revenue from collaborative arrangements	(8,000)	—
Other	79	—
Changes in operating assets and liabilities:		
Accounts receivable	(494)	(328)
Receivables from collaborative arrangements	(17,800)	753
Receivable from Theravance, Inc.	—	14,984
Prepaid and other current assets	(3,621)	(3,256)
Inventories	118	(6,422)
Other assets	(415)	—
Accounts payable	(3,489)	(492)
Accrued personnel-related expenses, accrued clinical and development expenses, and other accrued liabilities	(9,927)	4,896
Deferred rent	(404)	296
Income taxes payable	1,305	5,875
Deferred revenue	222	(7,108)
Other long-term liabilities	83	—
Net cash used in operating activities	<u>(135,111)</u>	<u>(132,616)</u>
<b>Investing activities</b>		
Purchases of property and equipment	(2,041)	(2,342)
Purchases of marketable securities	(11,059)	(145,869)
Maturities of marketable securities	158,642	32,276
Net cash provided by (used in) investing activities	<u>145,542</u>	<u>(115,935)</u>
<b>Financing activities</b>		
Proceeds from sale of ordinary shares to Mylan, net of premium	25,753	—
Proceeds from sale of ordinary shares	1,509	—
Excess tax benefit of share-based compensation	206	393
Repurchase of restricted stock	—	(131)
Cash and cash equivalents contributed from Theravance, Inc. (Note 1)	—	277,541
Transfers from Theravance, Inc.	—	92,976
Net cash provided by financing activities	<u>27,468</u>	<u>370,779</u>
<b>Net increase in cash and cash equivalents</b>	<b>37,899</b>	<b>122,228</b>
<b>Cash and cash equivalents at beginning of period</b>	<b>89,215</b>	<b>—</b>
<b>Cash and cash equivalents at end of period</b>	<b>\$ 127,114</b>	<b>\$ 122,228</b>
<b>Supplemental disclosure of non-cash information</b>		
Contribution of net assets, excluding cash and cash equivalents, from Theravance, Inc.	\$ —	\$ 125,337

*See accompanying notes to condensed consolidated financial statements.*

**THERAVANCE BIOPHARMA, INC.**  
**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(Unaudited)**

**1. Description of Operations and Summary of Significant Accounting Policies**

***Description of Operations***

The mission of Theravance Biopharma, Inc. (“Theravance Biopharma”, the “Company”, or “we” and other similar pronouns) is to create value from a unique and diverse set of assets: an approved product; a development pipeline of late-stage assets; and a productive research platform designed for long-term growth.

Our pipeline of internally discovered product candidates includes potential best-in-class opportunities in underserved markets in the acute care setting, representing multiple opportunities for value creation. VIBATIV® (telavancin), our first commercial product, is a once-daily dual-mechanism antibiotic approved in the United States, Europe and certain other countries for certain difficult-to-treat infections. Revedfenacin (TD-4208) is an investigational long-acting muscarinic antagonist (“LAMA”) being developed as a potential once-daily, nebulized treatment for chronic obstructive pulmonary disease (“COPD”). Axelopran (TD-1211) is an investigational potential once-daily, oral treatment for opioid-induced constipation (“OIC”). Our earlier-stage clinical assets represent novel approaches for potentially treating diseases of the lung and gastrointestinal tract and infectious disease. In addition, we have an economic interest in future payments that may be made by Glaxo Group Limited or one of its affiliates (“GSK”) pursuant to its agreements with Theravance, Inc. (“Theravance”) relating to certain drug development programs, including the combination of fluticasone furoate, umeclidinium, and vilanterol (the “Closed Triple”).

On June 1, 2014, pursuant to a Separation and Distribution Agreement between Theravance and Theravance Biopharma (the “Separation and Distribution Agreement”), Theravance separated its late-stage respiratory assets partnered with GSK from its biopharmaceutical operations by transferring its discovery, development and commercialization operations (the “Biopharmaceutical Business”) and contributing \$393.0 million of cash, cash equivalents and marketable securities into its then wholly-owned subsidiary Theravance Biopharma. On June 2, 2014, Theravance made a pro rata dividend distribution to its stockholders of record on May 15, 2014 of one ordinary share of Theravance Biopharma for every three and one half shares of Theravance common stock outstanding on the record date (the “Spin-Off”). The Spin-Off resulted in Theravance Biopharma operating as an independent, publicly-traded company. Prior to June 2, 2014, Theravance operated the Biopharmaceutical Business. While Theravance Biopharma is incorporated under Cayman Island law, the Company re-domiciled in Ireland and became an Irish tax resident effective July 1, 2015.

***Basis of Presentation***

The condensed consolidated financial information as of September 30, 2015, and the three and nine months ended September 30, 2015 and 2014 are unaudited but include all adjustments (consisting only of normal recurring adjustments), which we consider necessary for a fair presentation of the financial position at such date and of the operating results and cash flows for those periods, and have been prepared in accordance with U.S. generally accepted accounting principles (“GAAP”) for interim financial information. Accordingly, they do not include all of the information and notes required by GAAP for complete financial statements. The accompanying unaudited condensed consolidated financial statements should be read in conjunction with the audited consolidated December 31, 2014 financial statements and notes thereto included in our Annual Report on Form 10-K for the year ended December 31, 2014, filed with the Securities and Exchange Commission (“SEC”) on March 13, 2015.

We describe the Biopharmaceutical Business transferred to us by Theravance in connection with the Spin-Off as if the Biopharmaceutical Business were our business for all historical periods presented and described. However, Theravance Biopharma did not conduct any operations prior to the Spin-Off.

***Significant Accounting Policies***

Other than the following, there have been no new or material revisions in our significant accounting policies described in Note 1 to the consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2014.

## [Table of Contents](#)

### *Inventories*

Inventories consist of raw materials, work-in-process and finished goods related to the production of VIBATIV. Raw materials include VIBATIV active pharmaceutical ingredient (API) and other raw materials. Work-in-process and finished goods include third-party manufacturing costs and labor and indirect costs we incur in the production process. Included in inventories are raw materials and work-in-process that may be used as clinical products, which are charged to research and development expense when consumed. In addition, under certain commercialization agreements, we may sell VIBATIV packaged in unlabeled vials that are recorded in work-in-process. Inventories are stated at the lower of cost or market value. We determine the cost of inventory using the average-cost method for validation batches.

We assess our inventory levels quarterly and write down inventory that is expected to become obsolete, that has a cost basis in excess of its expected net realizable value and inventory quantities in excess of expected requirements. This assessment requires management to utilize judgement in formulating estimates and assumptions that we believe to be reasonable under the circumstances. Actual results may differ from those estimates and assumptions.

When we recognize a loss on such inventory, it establishes a new, lower cost basis for that inventory, and subsequent changes in facts and circumstances will not result in the restoration or increase in that newly established cost basis. If inventory with a lower cost basis is subsequently sold, it will result in higher gross margin for the products making up that inventory. As of September 30, 2015, the carrying value of our inventory was \$12.1 million. Refer to Note 5, "Inventories," to the consolidated financial statements appearing in this Quarterly Report on Form 10-Q for further information. In order to realize the value of our recorded inventory, we will be dependent upon continued increases in the sales volumes of VIBATIV.

### *Accrued Research and Development Expenses*

As part of the process of preparing financial statements, we are required to estimate and accrue expenses, the largest of which are research and development expenses. This process involves the following:

- communicating with our applicable personnel to identify services that have been performed on our behalf and estimating the level of service performed and the associated cost incurred for the service when we have not yet been invoiced or otherwise notified of actual cost;
- estimating and accruing expenses in our financial statements as of each balance sheet date based on facts and circumstances known to us at the time; and
- periodically confirming the accuracy of our estimates with selected service providers and making adjustments, if necessary.

Examples of estimated research and development expenses that we accrue include:

- fees paid to CROs in connection with preclinical and toxicology studies and clinical studies;
- fees paid to investigative sites in connection with clinical studies;
- fees paid to CMOs in connection with the production of product and clinical study materials; and
- professional service fees for consulting and related services.

We base our expense accruals related to clinical studies on our estimates of the services received and efforts expended pursuant to contracts with multiple research institutions and clinical research organizations that conduct and manage clinical studies on our behalf. The financial terms of these agreements vary from contract to contract and may result in uneven payment flows. Payments under some of these contracts depend on factors, such as the successful enrollment of patients and the completion of clinical study milestones. Our service providers invoice us monthly in arrears for services performed. In accruing service fees, we estimate the time period over which services will be performed and the level of effort to be expended in each period. If we do not identify costs that we have begun to incur or if we underestimate or overestimate the level of services performed or the costs of these services, our actual expenses could differ from our estimates.

To date, we have not experienced significant changes in our estimates of accrued research and development expenses after a reporting period. However, due to the nature of estimates, we cannot assure you that we will not make changes to our estimates in the future as we become aware of additional information about the status or conduct of our clinical studies and other research activities.

[Table of Contents](#)*Non-Marketable Equity Securities*

As a result of entering into collaborations, we may hold minority investments in non-public companies. We record these non-marketable equity securities at cost in long-term assets, less any amounts for other-than-temporary impairment. We periodically review our non-marketable equity securities for impairment by determining whether impairment indicators are present. Common impairment indicators include a significant adverse change in the regulatory or economic environment in which the investee entity operates or cash used in operating activities and other working capital deficiencies.

If we conclude that any of the non-marketable equity securities are impaired, we determine whether such impairment is other-than-temporary. Factors we consider to make such determination include the duration and severity of the impairment, the reason for the decline in value and the potential recovery period and our intent to sell. If any impairment is considered other-than-temporary, we will write down the asset to its fair value and record the corresponding charge as interest and other income (loss).

**2. Net Loss per Share**

Basic net loss per share is computed by dividing net loss by the weighted-average number of shares of outstanding, less ordinary shares subject to forfeiture. Diluted net loss per share is computed by dividing net loss by the weighted-average number of shares outstanding, less ordinary shares subject to forfeiture, plus all additional ordinary shares that would have been outstanding, assuming dilutive potential common shares had been issued for other dilutive securities.

For the three and nine months ended September 30, 2015 and 2014, diluted and basic net loss per share was identical since potential common shares were excluded from the calculation, as their effect was anti-dilutive. Prior to the Spin-Off in June 2014, we operated as part of Theravance and not as a separate entity. As a result, the calculation of basic and diluted net loss per share assumes that the 32,260,105 ordinary shares issued to Theravance stockholders in connection with the Spin-Off, less the number of ordinary shares subject to forfeiture, were outstanding from the beginning of all periods presented.

*Anti-Dilutive Securities*

The following common equivalent shares were not included in the computation of diluted net loss per share because their effect was anti-dilutive:

(In thousands)	Three Months Ended September 30,		Nine Months Ended September 30,	
	2015	2014	2015	2014
Share issuances under equity incentive plan and ESPP	6,653	3,581	6,324	3,470
Forfeitable shares	234	458	234	458
	<u>6,887</u>	<u>4,039</u>	<u>6,558</u>	<u>3,928</u>

**3. Collaborative Arrangements***Revenue from Collaborative Arrangements*

We recognized revenue from our collaborative arrangements as follows:

(In thousands)	Three Months Ended September 30,		Nine Months Ended September 30,	
	2015	2014	2015	2014
Mylan	\$ 25	\$ —	\$ 19,149	\$ —
Trek Therapeutics	8,000	—	8,000	—
SciClone Pharmaceuticals	2	—	2,952	—
R-Pharm	9	22	2,040	2,132
Pendopharm	350	—	350	—
Clinigen Group plc	—	5,011	—	5,014
Other	—	—	26	—
Total revenue from collaborative arrangements	<u>\$ 8,386</u>	<u>\$ 5,033</u>	<u>\$ 32,517</u>	<u>\$ 7,146</u>



**Mylan**

*Development and Commercialization Agreement*

In January 2015, Mylan Ireland Limited (“Mylan”) and we established a strategic collaboration for the development and, subject to regulatory approval, commercialization of revefenacin (TD-4208), our investigational LAMA in development for the treatment of COPD. We entered into this collaboration to expand the breadth of our revefenacin development program and extend our commercial reach beyond the acute care setting where we currently market VIBATIV.

Under the terms of the Mylan Development and Commercialization Agreement (the “Mylan Agreement”), Mylan and we will co-develop nebulized revefenacin for COPD and other respiratory diseases. We are leading the U.S. Phase 3 development program and Mylan is responsible for reimbursement of our costs for that program up until the approval of the first new drug application, after which costs will be shared. If a product developed under the collaboration is approved in the U.S., Mylan will lead commercialization and we will retain the right to co-promote the product in the U.S. under a profit-sharing arrangement (65% Mylan/35% Theravance Biopharma). Outside the U.S. (excluding China), Mylan will be responsible for development and commercialization and will pay us a tiered royalty on net sales at percentage royalty rates ranging from low double-digits to mid-teens. Although China is not included in the ex-US territory, Mylan has a right of first negotiation with respect to the development and commercialization of nebulized revefenacin in China. We retain worldwide rights to revefenacin delivered through other dosage forms, such as a metered dose inhaler or dry powder inhaler (MDI/DPI), while Mylan has certain rights of first negotiation with respect to our development and commercialization of revefenacin delivered other than via a nebulized inhalation product.

Under the Mylan Agreement, Mylan paid us an initial payment of \$15.0 million in cash in the second quarter of 2015. Also, pursuant to an ordinary share purchase agreement entered into on January 30, 2015, Mylan Inc., a subsidiary of Mylan N.V., made a \$30.0 million equity investment in us, buying 1,585,790 ordinary shares from us in early February 2015 in a private placement transaction at a price of approximately \$18.918 per share, which represented a 10% premium over the volume weighted average price per share of our ordinary shares for the five trading days ending on January 30, 2015. We are eligible to receive from Mylan potential development and sales milestone payments totaling \$220.0 million in the aggregate, with \$175.0 million associated with revefenacin monotherapy and \$45.0 million for future potential combination products. Development milestones are deemed to be substantive milestones and will be recognized as revenue in the period upon achievement of each respective milestone. Sales milestones are considered contingent payments and are not deemed to be substantive milestones due to the fact that the achievement of the event underlying the payment predominantly relates to Mylan’s performance of future commercial activities.

Under the Mylan Agreement, the significant deliverables were determined to be the license, development responsibilities and committee participation. We determined that the license represents a separate unit of accounting as the license, which includes rights to our underlying technologies for revefenacin, has standalone value because the rights conveyed permit Mylan to perform all efforts necessary to use our technologies to bring the compounds through development and, upon regulatory approval, commercialization. We based the best estimate of selling price for the license using a discounted cash flow approach. We determined that development responsibilities and committee participation represent separate units of accounting as Mylan could negotiate for and/or acquire each of these services from other third parties and we based the best estimates of the respective selling prices on the nature and timing of the services to be performed.

As payments are received from Mylan, they are allocated to the three units of accounting based on the relative selling price method. Amounts allocated to the license are recognized as collaborative revenue when delivered. Amounts allocated to the development responsibilities under the Mylan Agreement are recognized proportionately with the performance of the underlying services and accounted for as reductions to R&D expense. Amounts allocated to committee participation are recognized ratably over the estimated performance periods as revenue from collaborative arrangements.

In first quarter of 2015, upfront payments totaling \$19.2 million from Mylan were allocated to the license and committee participation based on the relative selling price method. The \$19.2 million consists of the initial payment of \$15.0 million in cash and the \$4.2 million premium related to the equity investment, which represents the difference between the closing price on January 30, 2015 and the issued price of \$18.918.

For the three months ended September 30, 2015, we recognized \$25,000 in revenue from collaborative arrangements primarily related to committee participation. For the nine months ended September 30, 2015, we recognized \$19.1 million in revenue from collaborative arrangement related primarily to the license and technological know-how delivered in the first quarter of 2015.

For the three and nine months ended September 30, 2015, we recorded reductions to R&D expense of \$10.1 million and \$25.9 million, respectively, related to the development responsibilities. As of September 30, 2015, our receivable from collaborative arrangements under the Mylan Agreement was \$16.9 million.

## [Table of Contents](#)

### ***Trek Therapeutics***

#### ***Licensing Agreement***

In September 2015, Trek Therapeutics, PBC (“TREKtx”) and we entered into a licensing agreement (the “TREKtx Agreement”) granting TREKtx an exclusive worldwide license for the development, manufacturing, use, marketing and sale of our NSSA inhibitor known as TD-6450 as a component in combination hepatitis C virus (“HCV”) products (the “HVC Products”). Pursuant to the TREKtx Agreement, we received an upfront payment of \$8.0 million in the form of TREKtx’s Series A preferred stock and will be eligible to receive future royalties based on net sales of the HVC Products. Other terms of the licensing transaction have not been disclosed.

Based on the accounting guidance for non-monetary transactions, if the value of the consideration can be measured within reasonable limits, we measure the assets exchanged at either the fair value of the asset given up or the fair value of the asset acquired, depending on which can be more reliably measured. We estimated the fair value of the preferred stock received based upon the price of similar Series A preferred stock that TREKtx had recently sold to an independent third party for cash consideration. Based on this approach, we estimated the fair value of the consideration received to be \$8.0 million which we believe is a more reliable measure of the non-monetary assets exchanged.

Under the TREKtx Agreement, the significant deliverable was determined to be the license, which includes rights to our underlying technologies for TD-6450. We transferred the license and technological know-how upon execution of the TREKtx Agreement, and we recognized \$8.0 million as revenue from collaborative arrangements for the three and nine months ended September 30, 2015. TREKtx will be solely responsible for all future costs associated with the supply, manufacture, development, sale and marketing of the licensed compound. As such, our maximum exposure to loss as a result of entering into the TREKtx Agreement is our \$8.0 million investment in TREKtx’s Series A preferred stock.

In accordance with the applicable accounting guidance for the consolidation of variable interest entities, we determined TREKtx to be a variable interest entity. Based on the contractual terms of the arrangement, we do not have the power to direct the activities of TREKtx that most significantly impact its economic performance. As a result, we are not considered to be the primary beneficiary of TREKtx and therefore, do not consolidate the financial results of the company into our financial statements. In addition, we do not have significant influence over TREKtx. Accordingly, we accounted for this investment using the cost method of accounting and recorded it in other investments on our consolidated balance sheets as of September 30, 2015.

### ***SciClone Pharmaceuticals***

#### ***Development and Commercialization Agreement***

In May 2015, SciClone Pharmaceuticals International Holding Ltd. (“SciClone”) and we entered into a development and commercialization agreement (the “SciClone Agreement”) granting SciClone exclusive development and commercial rights for VIBATIV in China, as well as the Hong Kong SAR, the Macau SAR, Taiwan and Vietnam. Under the SciClone Agreement, the companies plan to pursue the development and commercialization of VIBATIV in hospital-acquired bacterial pneumonia and ventilator-associated bacterial pneumonia (HABP/VABP). Additional indications may include complicated skin and skin structure infections (cSSSI), and potentially bacteremia.

In exchange for the exclusive development and commercial rights granted to SciClone, we received an upfront payment of \$3.0 million and will be eligible to receive a \$3.0 million milestone payment upon a regulatory approval event. This regulatory milestone is considered to be a contingent payment and not deemed to be a substantive milestone due to the fact that the achievement of the event underlying the payment predominantly relates to SciClone’s performance of future development activities. SciClone will be responsible for all aspects of development and commercialization in the partnered regions, including pre- and post-launch activities and product registration. We will sell to SciClone all clinical and commercial product required to develop and commercialize VIBATIV in China.

Under the SciClone Agreement, the significant deliverables were determined to be the license, manufacturing of clinical product and committee participation. We determined that the license represents a separate unit of accounting as the license, which includes rights to our underlying technologies for VIBATIV, has standalone value because the rights conveyed permit SciClone to perform all efforts necessary to use our technologies to bring the compounds through development and, upon regulatory approval, commercialization. We based the best estimate of selling price for the license using a discounted cash flow approach. We determined that manufacturing of clinical product represents a separate unit of accounting as SciClone could acquire manufacturing services from third parties. We based the best estimates of the respective selling prices on the nature and timing of the services to be performed.

[Table of Contents](#)

The upfront payment of \$3.0 million was received in the second quarter of 2015 and was allocated to the three units of accounting based on the relative selling price method. For the nine months ended September 30, 2015, we recognized \$2.95 million as revenue from collaborative arrangements in the condensed consolidated statements of operations as we delivered the license and technological know-how during the period. For the three months ended September 30, 2015, the amount of recognized revenue was approximately \$2,000. The amount allocated to the manufacturing responsibilities will be recognized proportionately with the performance of the underlying services. The amount allocated to committee participation is being recognized ratably over the estimated performance period as revenue from collaborative arrangements.

**R-Pharm**

*VIBATIV Development and Commercialization Agreement*

In October 2012, Theravance entered into a development and commercialization agreement with R-Pharm to develop and commercialize VIBATIV (the "R-Pharm VIBATIV Agreement"). Under the R-Pharm VIBATIV Agreement, Theravance granted R-Pharm exclusive rights to develop and commercialize VIBATIV in Russia, Ukraine, other member countries of the Commonwealth of Independent States, and Georgia. Theravance received \$1.1 million in upfront payments for the R-Pharm VIBATIV Agreement. The R-Pharm VIBATIV Agreement was transferred to us as a result of the Spin-Off from Theravance. We are eligible to receive contingent payments potentially totaling up to \$10.0 million, of which we have recognized \$2.0 million, and royalties of 25% on net sales of VIBATIV by R-Pharm. The contingent payments are not deemed substantive milestones due to the fact that the achievement of the event underlying the payment predominantly relates to R-Pharm's performance of future development and commercialization activities.

Under the R-Pharm VIBATIV Agreement, the significant deliverables were determined to be the license, committee participation and a contingent obligation to supply R-Pharm with API at R-Pharm's expense, subject to entering into a future supply agreement. Theravance determined that the license represents a separate unit of accounting as the license, which includes rights to Theravance's underlying technologies for VIBATIV, has standalone value because the rights conveyed permit R-Pharm to perform all efforts necessary to use Theravance's technologies to bring the compounds through development and, upon regulatory approval, commercialization and Theravance based the best estimate of selling price for the license based on potential future cash flows under the arrangement over the estimated performance period. Theravance determined that the committee participation represents a separate unit of accounting as R-Pharm could negotiate for and/or acquire these services from other third parties and Theravance based the best estimate of selling price on the nature and timing of the services to be performed.

The \$1.1 million upfront payment received for the R-Pharm VIBATIV Agreement was allocated to two units of accounting based on the relative selling price method. The amount allocated to the license was recognized by us as revenue in the second quarter of 2014 due to the completion of technical transfer. The amount allocated to committee participation was deferred and will be recognized as revenue over the estimated performance period.

In June 2015, the Ministry of Health of the Russian Federation granted marketing authorization for VIBATIV for the treatment of complicated skin and soft tissue infections, as well as nosocomial pneumonia (including artificial lung ventilation-associated pneumonia), caused by Gram-positive bacteria, including methicillin-resistance *Staphylococcus aureus* ("MRSA"). As a result, we will receive a \$2.0 million regulatory milestone payment which was recognized as revenue from collaborative arrangements in the second quarter of 2015.

[Table of Contents](#)

**Reimbursement of R&D Expenses**

Under certain collaborative arrangements, we are entitled to reimbursement of certain R&D expenses. Our policy is to account for the reimbursement payments by our collaboration partners as reductions to R&D expense.

The following table summarizes the reductions to R&D expenses related to the reimbursement payments:

(In thousands)	Three Months Ended September 30,		Nine Months Ended September 30,	
	2015	2014	2015	2014
Mylan	\$ 10,128	\$ —	\$ 25,869	\$ 22
Alfa Wassermann	704	175	1,493	287
R-Pharm	130	—	407	—
Total reduction to R&D expense	<u>\$ 10,962</u>	<u>\$ 175</u>	<u>\$ 27,769</u>	<u>\$ 309</u>

**4. Marketable Securities and Fair Value Measurements**

Our portfolio of cash and investments in marketable securities includes:

(In thousands)	Fair Value Hierarchy Level	Estimated Fair Value	
		September 30, 2015	December 31, 2014
U.S. government securities	Level 1	\$ 22,539	\$ 32,541
U.S. government agencies	Level 2	19,726	39,588
Corporate notes	Level 2	26,591	97,681
Commercial paper	Level 2	—	46,985
Marketable securities		<u>68,856</u>	<u>216,795</u>
Money market funds	Level 1	95,511	69,866
Restricted cash	N/A	833	833
Total		<u>\$ 165,200</u>	<u>\$ 287,494</u>

The estimated fair value of marketable securities is based on quoted market prices for these or similar investments that were based on prices obtained from a commercial pricing service. The fair value of our marketable securities classified within Level 2 is based upon observable inputs that may include benchmark yields, reported trades, broker/dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers and reference data including market research publications. Gross unrealized gains and losses were not significant at either September 30, 2015 or December 31, 2014.

At September 30, 2015, all of the marketable securities had contractual maturities within one year and the weighted average maturity of the marketable securities was approximately five months. We do not intend to sell the investments that are in an unrealized loss position, and it is unlikely that we will be required to sell the investments before recovery of their amortized cost basis, which may be maturity. We have determined that the gross unrealized losses on our marketable securities at September 30, 2015 were temporary in nature, and no marketable securities with unrealized losses at September 30, 2015 have been in a loss position for more than twelve months. At September 30, 2015, our accumulated other comprehensive income on our consolidated balance sheets consisted of net unrealized gains on available-for-sale investments.

During the three and nine months ended September 30, 2015, we did not sell any of our marketable securities. Restricted cash pertained to certain lease agreements and letters of credit where we have pledged cash and cash equivalents as collateral. There were no transfers between Level 1 and Level 2 during the periods presented and there have been no changes to our valuation techniques during the nine months ended September 30, 2015.

**5. Inventories**

Our inventories are as follows:

(In thousands)	September 30, 2015	December 31, 2014
Raw materials	\$ 7,314	\$ 6,830
Work-in-process	—	145
Finished goods	4,827	5,571
Total inventories	<u>\$ 12,141</u>	<u>\$ 12,546</u>

## 6. Share-Based Compensation

### *Share-Based Compensation Expense Allocation*

The allocation of share-based compensation expense included in the condensed consolidated statements of operations was as follows:

(In thousands)	Three Months Ended September 30,		Nine Months Ended September 30,	
	2015	2014	2015	2014
Research and development	\$ 6,035	\$ 5,132	\$ 20,334	\$ 14,046
Selling, general and administrative	6,216	4,218	22,205	14,768
Total share-based compensation expense	\$ 12,251	\$ 9,350	\$ 42,539	\$ 28,814

Total share-based compensation expense capitalized to inventory was not material for any of the periods presented.

### *Employee Share Option Exchange Program*

On August 28, 2015, we gave eligible option holders of the Company and its subsidiaries the opportunity to exchange some or all of their outstanding options granted under the Company's 2013 Equity Incentive Plan or the Company's 2014 New Employee Equity Incentive Plan before August 4, 2015, whether vested or unvested, for restricted share units (the "Exchange Program"). The Exchange Program was designed to restore the intended employee retention and incentive value of our equity awards.

In accordance with the terms of the Exchange Program, employees who held options that had an exercise price above the market price of our ordinary shares at the offer expiration date were eligible to exchange two shares subject to eligible options for one Restricted Share Unit ("RSU") granted under the terms of the Company's 2013 Equity Incentive Plan. The RSUs granted under the Exchange Program will vest over a three or four year service period depending on the grant date of the original option exchanged. The Company's executive officers and members of the board of directors were not eligible to participate in the Exchange Program. The terms of the Exchange Program were detailed in the Offer to Exchange Certain Outstanding Options for Restricted Share Units filed as an exhibit to our Schedule TO on August 28, 2015, as amended.

The Exchange Program closed on September 25, 2015 and we exchanged 1,975,009 outstanding options for 987,496 RSUs with a fair value of \$12.43 per share. The exchange of options for RSUs is considered a modification to the terms of the original equity award. As such, the Exchange Program resulted in an incremental share based compensation costs of \$1.4 million to be recognized, concurrently with the unamortized original compensation costs of the exchanged option awards, ratably over the new vesting period of three years.

## 7. Income Taxes

The income tax provision was \$4.3 million and \$11.8 million for the three and nine months ended September 30, 2015. While we incur operating losses on a consolidated basis, we operate in multiple jurisdictions and generate taxable income in our U.S. operations. The provision for income taxes was primarily due to timing differences between the book and tax treatment of certain income and expenses such as employee share-based compensation.

Our operations have historically been included in Theravance's U.S. federal and state income tax returns. Theravance included the period from January 1, 2014 to June 1, 2014 on its income tax return. The net operating losses ("NOL") generated within Theravance, including our activity prior to the separation will be included within Theravance's return and all NOL carryforwards and research and development tax credits generated by Theravance, including our activity prior to the Spin-Off were retained by Theravance upon the separation of the companies. As part of the Spin-Off, Theravance contributed certain assets and liabilities to us, including the related basis differences, consisting primarily of deferred tax assets of approximately \$12.7 million. These deferred tax assets include accrued liabilities that will be deductible in future periods, share-based compensation and fixed assets. We had approximately \$28.0 million in deferred tax assets as of September 30, 2015, which were subject to a full valuation allowance.

We follow the accounting guidance related to accounting for income taxes which requires that a company reduce its deferred tax assets by a valuation allowance if, based on the weight of available evidence, it is more likely than not that some portion or all of its deferred tax assets will not be realized.

[Table of Contents](#)

As of September 30, 2015, we had unrecognized tax benefits and related interest and penalties of approximately \$2.4 million. We include any applicable interest and penalties within the provision for income taxes in the condensed consolidated statement of operations.

Our future income tax expense may be affected by such factors as changes in tax laws, our business, regulations, tax rates, interpretation of existing laws or regulations, the impact of accounting for share-based compensation, the impact of accounting for business combinations, our international organization, shifts in the amount of income before tax earned in the U.S. as compared with other regions in the world, and changes in overall levels of income before tax. Effective July 1, 2015, Theravance Biopharma re-domiciled in Ireland and became an Irish tax resident.

## **8. Subsequent Events**

### ***Purchases of Common Shares by GSK***

On October 9, 2015, GSK (a related party) purchased 44,574 shares of our ordinary shares for a per share price of \$13.63 pursuant to GSK's periodic "top-up" rights under the Governance Agreement between the Company and GSK, dated as of March 3, 2014, for an aggregate purchase price of approximately \$0.6 million. As of October 31, 2015, GSK beneficially owned approximately 22.1% of our outstanding ordinary shares.

### ***Registered Direct Offering of Shares to funds managed by Woodford Investment Management LLP***

On October 26, 2015, we entered into an Ordinary Share Purchase Agreement (the "Purchase Agreement") with funds managed by Woodford Investment Management LLP (collectively, the "Funds") for the registered direct offering of an aggregate of 3,859,649 ordinary shares of the Company, \$0.00001 par value (the "Shares"), at a purchase price of \$14.25 per Share. The Shares were issued pursuant to a prospectus supplement filed with the SEC on October 26, 2015, in connection with a takedown from our shelf registration statement on Form S-3 (File no. 333-205275), which became effective on July 16, 2015. The closing of the transaction occurred on October 29, 2015. The gross offering proceeds were approximately \$55.0 million, before deducting the estimated offering expenses of approximately \$2.6 million.

## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

### Forward-Looking Statements

You should read the following discussion in conjunction with our condensed financial statements (unaudited) and related notes included elsewhere in this report. This Report includes "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 (the "Securities Act"), as amended, and Section 21E of the Securities Exchange Act of 1934 (the "Exchange Act"), as amended, that involve risks and uncertainties. All statements in this Report, other than statements of historical facts, including statements regarding our strategy, future operations, future financial position, future revenues, projected costs, prospects, plans, intentions, expectations and objectives are forward-looking statements. The words "anticipate," "assume," "believe," "contemplate," "continue," "could," "designed," "developed," "drive," "estimate," "expect," "forecast," "goal," "intend," "may," "mission," "opportunities," "plan," "potential," "predict," "project," "pursue," "seek," "should," "target," "will," "would," and similar expressions (including the negatives thereof) are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. These statements reflect our current views with respect to future events or our future financial performance, are based on assumptions, and involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. We may not actually achieve the plans, intentions, expectations or objectives disclosed in our forward-looking statements and the assumptions underlying our forward-looking statements may prove incorrect. Therefore, you should not place undue reliance on our forward-looking statements. Actual results or events could differ materially from the plans, intentions, expectations and objectives disclosed in the forward-looking statements that we make. Factors that we believe could cause actual results or events to differ materially from our forward-looking statements include, but are not limited to, those discussed in "Risk Factors," "Management's Discussion and Analysis of Financial Condition and Results of Operations" and elsewhere in this Report and in our Annual Report on Form 10-K for the year ended December 31, 2014. Our forward-looking statements in this Report are based on current expectations and we do not assume any obligation to update any forward-looking statements for any reason, even if new information becomes available in the future.

### Management Overview

Our mission is to create value from a unique and diverse set of assets: an approved product; a development pipeline of late-stage assets; and a productive research platform designed for long-term growth.

Our pipeline of internally discovered product candidates includes potential best-in-class opportunities in underserved markets in the acute care setting, representing multiple opportunities for value creation. VIBATIV<sup>®</sup> (telavancin), our first commercial product, is a once-daily dual-mechanism antibiotic approved in the United States, Europe and certain other countries for certain difficult-to-treat infections. Revefenacin (TD-4208) is an investigational long-acting muscarinic antagonist ("LAMA") being developed as a potential once-daily, nebulized treatment for COPD. Axelopran (TD-1211) is an investigational potential once-daily, oral treatment for opioid-induced constipation ("OIC"). Our earlier-stage clinical assets represent novel approaches for potentially treating diseases of the lung and gastrointestinal tract and infectious disease. In addition, we have an economic interest in future payments that may be made by Glaxo Group Limited or one of its affiliates ("GSK") pursuant to its agreements with Theravance, Inc. ("Theravance") relating to certain drug development programs, including the combination of fluticasone furoate, umeclidinium, and vilanterol (the "Closed Triple").

### The Separation of Theravance Biopharma from Theravance

On June 1, 2014, Theravance separated its late-stage respiratory assets partnered with GSK from its biopharmaceutical operations by transferring its discovery, development and commercialization operations (the "Biopharmaceutical Business") and contributing \$393.0 million of cash, cash equivalents and marketable securities into its then wholly-owned subsidiary Theravance Biopharma, Inc. ("Theravance Biopharma"). On June 2, 2014, Theravance made a pro rata dividend distribution to its stockholders of record on May 15, 2014 of one ordinary share of Theravance Biopharma for every three and one half shares of Theravance common stock outstanding on the record date (the "Spin-Off"). The Spin-Off resulted in Theravance Biopharma operating as an independent, publicly-traded company. Prior to June 2, 2014, Theravance operated the Biopharmaceutical Business.

The Spin-Off was effected pursuant to a Separation and Distribution Agreement between Theravance and Theravance Biopharma (the "Separation and Distribution Agreement"), which provides, among other things, for the principal corporate transactions required to effect the Spin-Off and certain other agreements governing Theravance's relationship with Theravance Biopharma after the Spin-Off.

## [Table of Contents](#)

While Theravance Biopharma is incorporated under Cayman Island law, the company re-domiciled in Ireland and became an Irish tax resident effective July 1, 2015. We do not expect a material change to our income tax provision in the near term and any longer term tax benefits would be dependent upon our overall business activities.

### **Basis of Presentation**

For the periods prior to June 2, 2014, the condensed consolidated financial statements have been prepared using Theravance's historical cost basis of the assets, liabilities, revenues, and expenses of the various activities that comprise the Biopharmaceutical Business as a component of Theravance and reflect the results of operations, financial condition and cash flows of the Biopharmaceutical Business as a component of Theravance. The statements of operations include expense allocations for general corporate overhead functions historically shared with Theravance, including finance, legal, human resources, information technology and other administrative functions, which include the costs of salaries, benefits and other related costs, as well as consulting and other professional services. Where appropriate, these allocations were made on a specific identification basis. Otherwise, the expenses related to services provided to the Biopharmaceutical Business by Theravance were allocated to Theravance Biopharma based on the relative percentages, as compared to Theravance's other businesses, of headcount or square footage usage.

The costs historically allocated to us by Theravance for the services it has shared with us may not be indicative of the costs we have incurred or will incur for these services following the Spin-Off.

### **Program Highlights**

#### ***VIBATIV® (telavancin)***

VIBATIV is a bactericidal, once-daily injectable antibiotic to treat patients with serious, life-threatening infections due to *Staphylococcus aureus* and other Gram-positive bacteria, including methicillin-resistant ("MRSA") strains. VIBATIV is approved in the U.S. for the treatment of adult patients with complicated skin and skin structure infections ("cSSSI") caused by susceptible Gram-positive bacteria and for the treatment of adult patients with hospital-acquired and ventilator-associated bacterial pneumonia ("HABP"/"VABP") caused by susceptible isolates of *Staphylococcus aureus* when alternative treatments are not suitable. VIBATIV is approved in the European Union for the treatment of adults with nosocomial pneumonia, including ventilator-associated pneumonia, known or suspected to be caused by MRSA when other alternatives are not suitable. VIBATIV is approved in Canada for the treatment of adult patients with cSSSI caused by susceptible Gram-positive bacteria and for the treatment of hospital-acquired bacterial pneumonia (HAP) and ventilator-associated bacterial pneumonia (VAP) known or suspected to be caused by susceptible isolates of *Staphylococcus aureus* including methicillin-susceptible *Staphylococcus aureus* ("MSSA") and MRSA. VIBATIV is approved in Russia for the treatment of complicated skin and soft tissue infections, as well as nosocomial pneumonia (including artificial lung ventilation-associated pneumonia), caused by Gram-positive bacteria, including MRSA.

#### *Commercial Program Expansion*

In 2014 and early 2015, we implemented a phased launch strategy for VIBATIV in the U.S. that focused on a limited number of targeted geographic territories across the country. In the second quarter of 2015, we announced our intention to expand our sales force to 50 representatives with the goal of further strengthening our commercial infrastructure comprised of experienced sales representatives and a significant medical information component focused on the acute care market. We achieved our goal of hiring and training additional sales representatives by the end of the third quarter of 2015, and the newly expanded field force was fully deployed by the beginning of the fourth quarter.

#### *Supplemental New Drug Application (sNDA) for Concurrent Staphylococcus aureus Bacteremia*

In September 2015, we announced that the FDA accepted for filing our sNDA to expand the VIBATIV label to include concurrent *Staphylococcus aureus* bacteremia. The sNDA submission was based on the combined data from our previously conducted pivotal trials of VIBATIV in its two approved indications — cSSSI (ATLAS I and ATLAS II) and HABP/VABP (ATTAIN I and ATTAIN II). The trials were large, multi-center, multinational, double-blind, randomized Phase 3 clinical studies enrolling and treating 3,370 adult patients, including a portion of patients with concurrent bacteremia. Importantly, these studies involved two of the largest cohorts of patients ever studied in these diseases and included one of the largest cohorts of patients with MRSA infections studied to date. Under the Prescription Drug User Fee Act (PDUFA), the FDA has set a target of the second quarter of 2016 to complete its review of the sNDA. Separately, we are conducting a Phase 3 registrational study in patients with *Staphylococcus aureus* bacteremia.



## [Table of Contents](#)

### *Phase 3 Registrational Study in Staphylococcus aureus Bacteremia*

As part of our effort to explore additional settings in which VIBATIV may offer patients therapeutic benefit, in February 2015, we initiated a Phase 3 registrational study for the treatment of patients with *Staphylococcus aureus* bacteremia. The 250-patient registrational study is a multicenter, randomized, open-label study designed to evaluate the non-inferiority of telavancin in treating *Staphylococcus aureus* bacteremia as compared to standard therapy. Key secondary outcome measures of the study include an assessment of the duration of bacteremia post-randomization and the incidence of development of metastatic complications, as compared to standard therapy.

### *Telavancin Observational Use Registry (“TOUR”)*

Initiated in February 2015, the 1,000-patient TOUR observational use registry study is designed to assess the manner in which VIBATIV is used by healthcare practitioners to treat patients. By broadly collecting and examining data related to VIBATIV treatment patterns, as well as clinical and safety outcomes in the real world, we aim to create an expansive knowledge base to guide future development and optimal use of the drug.

### *Long-Acting Muscarinic Antagonist—Revefenacin (TD-4208)*

Revefenacin is an investigational LAMA in development for the treatment of COPD. We believe that revefenacin may become a valuable addition to the COPD treatment regimen and that it represents a significant commercial opportunity. Our market research indicates approximately 9% of the treated COPD patients in the U.S. either need or prefer nebulized delivery for maintenance therapy. LAMAs are a cornerstone of maintenance therapy for COPD, but existing LAMAs are only available in handheld devices that may not be suitable for every patient. Revefenacin has the potential to be a best-in-class once-daily single-agent product for COPD patients who require, or prefer, nebulized therapy. The therapeutic profile of revefenacin, together with its physical characteristics, suggest that this LAMA could serve as a foundation for combination products and for delivery in metered dose inhaler and dry powder inhaler products.

### *Phase 3 Study in COPD*

In September 2015, we announced, with our partner Mylan Ireland Limited (“Mylan”), the initiation of the Phase 3 development program for revefenacin for the treatment of COPD. The Phase 3 development program, designed to support the registration of the product in the U.S., includes two replicate three-month efficacy studies and a single twelve-month safety study. The two efficacy studies will examine 2 doses (88 mcg and 175 mcg) of revefenacin inhalation solution administered once-daily via nebulizer in moderate to severe patients with COPD. The Phase 3 efficacy studies are replicate, randomized, double-blind, placebo-controlled, parallel-group trials designed to provide pivotal efficacy and safety data for once-daily revefenacin over a dosing period of 12 weeks, with a primary endpoint of trough forced expiratory volume in one second (FEV1) on day 85. The Phase 3 safety study is an open-label, active comparator study of 12 months duration. Together, the three studies will enroll approximately 2,300 patients.

### *Mylan Collaboration*

In January 2015, Mylan and we established a strategic collaboration for the development and, subject to regulatory approval, commercialization of revefenacin. Partnering with a world leader in nebulized respiratory therapies enables us to expand the breadth of our revefenacin development program and extend our commercial reach beyond the acute care setting where we currently market VIBATIV. Funding of the Phase 3 development program by Mylan strengthens our capital position and enhances our financial flexibility to advance other high-value pipeline assets alongside revefenacin.

Under the terms of the Mylan Development and Commercialization Agreement (the “Mylan Agreement”), Mylan and we will co-develop nebulized revefenacin for COPD and other respiratory diseases. We are leading the U.S. Phase 3 development program and Mylan is responsible for reimbursement of our costs for that program up until the approval of the first new drug application, after which costs will be shared. If a product developed under the collaboration is approved in the U.S., Mylan will lead commercialization and we will retain the right to co-promote the product in the U.S. under a profit-sharing arrangement (65% Mylan/35% Theravance Biopharma). Outside the U.S. (excluding China), Mylan will be responsible for development and commercialization and will pay us a tiered royalty on net sales at percentage royalty rates ranging from low double-digits to mid-teens. Although China is not included in the ex-U.S. territory, Mylan has a right of first negotiation with respect to the development and commercialization of nebulized revefenacin in China.

## [Table of Contents](#)

Under the Mylan Agreement, Mylan paid us an initial payment of \$15.0 million in cash in the second quarter of 2015. Also, pursuant to an ordinary share purchase agreement entered into on January 30, 2015, Mylan Inc., a subsidiary of Mylan N.V., made a \$30.0 million equity investment in us, buying 1,585,790 ordinary shares from us in early February 2015 in a private placement transaction at a price of approximately \$18.918 per share, which represented a 10% premium over the volume weighted average price per share of our ordinary shares for the five trading days ending on January 30, 2015. We are eligible to receive from Mylan potential development and sales milestone payments totaling \$220.0 million in the aggregate, with \$175.0 million associated with revefenacin monotherapy and \$45.0 million for future potential combination products.

We retain worldwide rights to revefenacin delivered through other dosage forms, such as a metered dose inhaler or dry powder inhaler (MDI/DPI), while Mylan has certain rights of first negotiation with respect to our development and commercialization of revefenacin delivered other than via a nebulized inhalation product.

### ***Oral Peripherally-Acting Mu Opioid Receptor Antagonist—Axelopran (TD-1211)***

#### *OIC Program*

Axelopran is an investigational, once-daily, oral peripherally active mu opioid receptor antagonist for opioid-induced constipation (OIC). The axelopran Phase 2 program demonstrated a clinically meaningful treatment effect in OIC patients compared to placebo. The goal for this program is to demonstrate the ability to normalize bowel function without impacting analgesia and improve a variety of GI symptoms associated with constipation, which could provide axelopran with a competitive advantage in the OIC market if demonstrated in Phase 3 studies and approved by regulatory authorities. We have developed a patient reported outcomes tool designed to measure patient symptoms which would be used in a Phase 3 registrational program and potentially generate data that could differentiate the product from the competition. We are currently refining our development and commercial strategy for axelopran.

#### *Fixed Dose Combination*

In December 2014, we completed a Phase 1 study to determine the relative bioavailability of OxyContin<sup>®</sup> (oxycodone) and axelopran after oral administration as a fixed dose combination (FDC) relative to the individual components administered together. The study examined a spray-coat application of axelopran to an opioid, OxyContin, to determine the effect of axelopran on OxyContin exposure. The study compared exposure of OxyContin alone, axelopran alone, OxyContin and axelopran administered as two separate tablets, and OxyContin spray-coated with axelopran in a FDC. Study results demonstrated that axelopran does not significantly alter systemic exposure to OxyContin when delivered as a FDC relative to when co-administered as individual tablets. A FDC of axelopran and an opioid could present an important market opportunity, as it has the potential to provide pain relief without constipation in a single abuse-deterrent pill for patients using opioids on a chronic basis.

### ***Velusetrag***

Velusetrag is an oral, investigational medicine developed for gastrointestinal motility disorders. It is a highly selective agonist with high intrinsic activity at the human 5-HT<sub>4</sub> receptor. Velusetrag is being developed in collaboration with Alfa Wassermann S.p.A. (“Alfa Wassermann”) in a two-part Phase 2 program to test the efficacy, safety and tolerability of velusetrag in the treatment of patients with gastroparesis. Positive top-line results from the initial Phase 2 proof-of-concept study under this partnership, which evaluated gastric emptying, safety and tolerability of multiple doses of velusetrag, were announced in April 2014. In March 2015, we initiated a Phase 2b study of velusetrag for the treatment of patients with gastroparesis and other gastrointestinal motility disorders. The 200-patient study is a multicenter, double-blind, randomized, placebo-controlled, parallel-group trial which will explore the efficacy and safety of multiple doses of velusetrag in patients with diabetic or idiopathic gastroparesis. The twelve-week study will test three doses: 5, 15, and 30 mg administered once-daily. The primary endpoint will be the effect of velusetrag on symptoms in subjects with gastroparesis. The study will also evaluate the effect of velusetrag on gastric emptying, and the psychometric properties of the Gastroparesis Rating Scale (GRS), a daily patient-reported outcome (“PRO”) measure. Pursuant to our agreement with Alfa Wassermann, the first Phase 2 study was, and the bulk of the Phase 2b study is, funded by Alfa Wassermann.

### ***NS5A Inhibitor—TD-6450***

TD-6450 is an internally discovered multivalent NS5A inhibitor designed to have improved antiviral activity against GT-1 resistance-associated variants (RAV) resistant to first generation NS5A inhibitors. TD-6450 has successfully completed Phase 1 studies in both healthy volunteers and hepatitis C virus (“HCV”) patients. In September 2015, Trek Therapeutics, PBC (“TREKtx”) and we entered into a licensing agreement (the “TREKtx Agreement”) granting TREKtx an exclusive worldwide license for the development, manufacturing, use, marketing and sale of TD-6450 as a component in combination HCV products (the “HCV Products”). Pursuant to the TREKtx Agreement, we received an upfront payment of \$8.0 million in the form of TREKtx’s Series A preferred stock and will be eligible to receive future royalties based on net sales of the HCV Products. Other terms of the licensing transaction have not been disclosed. In October 2015, TREKtx and we announced that TREKtx had initiated a Phase 2a clinical trial to evaluate faldaprevir, an HCV protease inhibitor, combined with TD-6450 and ribavirin in patients infected with HCV genotype 4.

### ***Neprilysin (NEP) Inhibitor Program***

Neprilysin (“NEP”) is an enzyme that degrades natriuretic peptides. These peptides play a protective role in controlling blood pressure and preventing cardiovascular tissue remodeling. Inhibition of NEP may result in clinical benefit, including diuresis, control of blood pressure, and reversing maladaptive changes in the heart and vascular tissue in patients with congestive heart failure. Our primary objective is to develop a NEP inhibitor that could be used across a broad population of patients, including those with acute and chronic heart failure and additional cardio-renal conditions. We believe our product candidates could be combined with a wide range of angiotensin receptor blockers, including those with demonstrated benefits in heart failure and best-in-class efficacy in hypertension. We have identified several proprietary NEP inhibitor product candidates. In October 2015, we submitted an investigational new drug (IND) application to the FDA for our most advanced NEP inhibitor compound, TD-0714, for the treatment of chronic heart failure with reduced and preserved ejection fraction. We expect to initiate a Phase 1 study of TD-0714 in the fourth quarter of 2015. We may also evaluate chronic renal diseases and hypertension as indications for TD-0714. Additional NEP inhibitor product candidates are progressing through pre-IND enabling toxicology studies.

### ***Gastrointestinal (GI)-Targeted Pan-Janus Kinase (JAK) Inhibitor Program***

JAK inhibitors are a type of medication that functions by inhibiting the activity of one or more of the Janus kinase family of enzymes (JAK1, JAK2, JAK3, TYK2) that play a key role in cytokine signaling. Inhibiting these JAK enzymes interferes with the JAK/STAT signaling pathway and, in turn, modulates the activity of a wide range of pro-inflammatory cytokines. This mechanism has previously demonstrated therapeutic benefit in ulcerative colitis. Currently available treatments for ulcerative colitis have systemic safety liabilities and limited efficacy. Our goal is to develop a GI-targeted pan-JAK inhibitor to treat ulcerative colitis and potentially other inflammatory intestinal disorders. In October 2015, we submitted an IND application to the FDA for TD-1473, a novel, potent, and orally administered GI-targeted pan-JAK inhibitor. TD-1473 is designed to distribute adequately and exclusively to the tissues of the GI tract and minimize systemic exposure. We expect to initiate a Phase 1 study of TD-1473 by early 2016.

### **Other Programs**

#### ***Economic Interest in GSK-Partnered Respiratory Programs***

We are entitled to receive an 85% economic interest in any future payments that may be made by GSK (pursuant to its agreements with Theravance) relating to the Closed Triple program and the Inhaled Bifunctional Muscarinic Antagonist-Beta2 Agonist (“MABA”) program, each of which are described in more detail below. We are entitled to this economic interest through our equity ownership in Theravance Respiratory Company (“TRC”), a Delaware limited liability company formed and controlled by Theravance. Our economic interest will not include any payments associated with RELVAR® ELLIPTA®/BREO® ELLIPTA®, ANORO® ELLIPTA® or vilanterol monotherapy. The following information regarding the Closed Triple and the MABA program is based solely upon publicly available information and may not reflect the most recent developments under the programs.

*“Closed Triple” or FF/UMEC/VI (fluticasone furoate/umeclidinium bromide/vilanterol)*

The Closed Triple program seeks to provide the activity of an inhaled corticosteroid (FF) plus two bronchodilators (UMEC, a LAMA, and VI, a long-acting beta2 agonist, or LABA) in a single delivery device. If the Closed Triple is successfully developed and commercialized, we are entitled to receive an 85% economic interest in the royalties payable by GSK to TRC on worldwide net sales, which royalties are upward-tiering from 6.5% to 10%. In July 2014, Theravance and GSK announced the initiation of a large, global Phase 3 program for the Closed Triple in patients with COPD. In February 2015, Theravance and GSK announced the start of a second global Phase 3 study to evaluate the effects of the Closed Triple in patients with COPD.

## [Table of Contents](#)

### *Inhaled Bifunctional Muscarinic Antagonist-Beta2 Agonist (MABA)*

GSK961081 ('081) is an investigational, single-molecule bifunctional bronchodilator with both muscarinic antagonist and beta2 receptor agonist activity that was discovered by us when we were part of Theravance. In August 2014, Theravance reported that preclinical Phase 3-enabling studies and a Phase 1 study with healthy volunteers of '081/FF are ongoing to explore its potential as a once-daily medicine delivered in GSK's ELLIPTA® inhaler.

If a single-agent MABA medicine containing '081 is successfully developed and commercialized, we are entitled to receive an 85% economic interest in the royalties payable by GSK to TRC on worldwide net sales, which royalties range between 10% and 20% of annual global net sales up to \$3.5 billion, and 7.5% for all annual global net sales above \$3.5 billion. If a MABA medicine containing '081 is commercialized only as a combination product, such as '081/FF, the royalty rate is 70% of the rate applicable to sales of the single-agent MABA medicine. If a MABA medicine containing '081 is successfully developed and commercialized in multiple regions of the world, GSK will pay TRC contingent milestone payments of up to \$125.0 million for a single-agent medicine and up to \$250.0 million for both a single-agent and a combination medicine, and in each case we would be entitled to receive an 85% economic interest in any such payments.

### *Theravance Respiratory Company, LLC*

Prior to the Spin-Off, Theravance assigned to TRC its strategic alliance agreement with GSK and all of its rights and obligations under its LABA collaboration agreement with GSK other than with respect to RELVAR® ELLIPTA®/BREO® ELLIPTA®, ANORO® ELLIPTA® and vilanterol monotherapy. Our equity interest in TRC is the mechanism by which we are entitled to the 85% economic interest in any future payments made by GSK under the strategic alliance agreement and under the portion of the collaboration agreement assigned to TRC. The drug programs assigned to TRC include the Closed Triple and the MABA program, as monotherapy and in combination with other therapeutically active components, such as an inhaled corticosteroid ("ICS"), as well as any other product or combination of products that may be discovered and developed in the future under these GSK Agreements.

### **Critical Accounting Policies and Estimates**

Our management's discussion and analysis of our financial condition and results of operations is based on our financial statements, which have been prepared in accordance with U.S. generally accepted accounting principles. The preparation of these financial statements requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements, as well as the reported revenue generated and expenses incurred during the reporting periods. Our estimates are based on our historical experience and on various other factors that we believe are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. Other than the following, there have been no new or material changes to the critical accounting policies and estimates discussed in our Annual Report on Form 10-K for the year ended December 31, 2014.

### *Inventories*

Inventories consist of raw materials, work-in-process and finished goods related to the production of VIBATIV. Raw materials include VIBATIV active pharmaceutical ingredient (API) and other raw materials. Work-in-process and finished goods include third-party manufacturing costs and labor and indirect costs we incur in the production process. Included in inventories are raw materials and work-in-process that may be used as clinical products, which are charged to research and development ("R&D") expense when consumed. In addition, under certain commercialization agreements, we may sell VIBATIV packaged in unlabeled vials that are recorded in work-in-process. Inventories are stated at the lower of cost or market value. We determine the cost of inventory using the average-cost method for validation batches.

We assess our inventory levels quarterly and write down inventory that is expected to become obsolete, that has a cost basis in excess of its expected net realizable value and inventory quantities in excess of expected requirements. This assessment requires management to utilize judgement in formulating estimates and assumptions that we believe to be reasonable under the circumstances. Actual results may differ from those estimates and assumptions.

When we recognize a loss on such inventory, it establishes a new, lower cost basis for that inventory, and subsequent changes in facts and circumstances will not result in the restoration or increase in that newly established cost basis. If inventory with a lower cost basis is subsequently sold, it will result in higher gross margin for the products making up that inventory. As of September 30, 2015, the carrying value of our inventory was \$12.1 million. Refer to Note 5, "Inventories," to the consolidated financial statements appearing in this Quarterly Report on Form 10-Q for further information. In order to realize the value of our recorded inventory, we will be dependent upon continued increases in the sales volumes of VIBATIV.

## [Table of Contents](#)

### *Accrued Research and Development Expenses*

As part of the process of preparing financial statements, we are required to estimate and accrue expenses, the largest of which are research and development expenses. This process involves the following:

- communicating with our applicable personnel to identify services that have been performed on our behalf and estimating the level of service performed and the associated cost incurred for the service when we have not yet been invoiced or otherwise notified of actual cost;
- estimating and accruing expenses in our financial statements as of each balance sheet date based on facts and circumstances known to us at the time; and
- periodically confirming the accuracy of our estimates with selected service providers and making adjustments, if necessary.

Examples of estimated research and development expenses that we accrue include:

- fees paid to CROs in connection with preclinical and toxicology studies and clinical studies;
- fees paid to investigative sites in connection with clinical studies;
- fees paid to CMOs in connection with the production of product and clinical study materials; and
- professional service fees for consulting and related services.

We base our expense accruals related to clinical studies on our estimates of the services received and efforts expended pursuant to contracts with multiple research institutions and clinical research organizations that conduct and manage clinical studies on our behalf. The financial terms of these agreements vary from contract to contract and may result in uneven payment flows. Payments under some of these contracts depend on factors, such as the successful enrollment of patients and the completion of clinical study milestones. Our service providers invoice us monthly in arrears for services performed. In accruing service fees, we estimate the time period over which services will be performed and the level of effort to be expended in each period. If we do not identify costs that we have begun to incur or if we underestimate or overestimate the level of services performed or the costs of these services, our actual expenses could differ from our estimates.

To date, we have not experienced significant changes in our estimates of accrued research and development expenses after a reporting period. However, due to the nature of estimates, we cannot assure you that we will not make changes to our estimates in the future as we become aware of additional information about the status or conduct of our clinical studies and other research activities.

### *Non-Marketable Equity Securities*

As a result of entering into collaborations, we may hold minority investments in non-public companies. We record these non-marketable equity securities at cost in long-term assets, less any amounts for other-than-temporary impairment. We periodically review our non-marketable equity securities for impairment by determining whether impairment indicators are present. Common impairment indicators include a significant adverse change in the regulatory or economic environment in which the investee entity operates or cash used in operating activities and other working capital deficiencies.

If we conclude that any of the non-marketable equity securities are impaired, we determine whether such impairment is other-than-temporary. Factors we consider to make such determination include the duration and severity of the impairment, the reason for the decline in value and the potential recovery period and our intent to sell. If any impairment is considered other-than-temporary, we will write down the asset to its fair value and record the corresponding charge as interest and other income (loss).

**Results of Operations**

**Product Sales and Revenue from Collaborative Arrangements**

Product sales and revenue from collaborative arrangements, as compared to the comparable periods in the prior year, were as follows:

(In thousands)	Three Months Ended September 30,		Change		Nine Months Ended September 30,		Change	
	2015	2014	\$	%	2015	2014	\$	%
Product sales	\$ 2,312	\$ 1,303	\$ 1,009	77%	\$ 5,716	\$ 3,109	\$ 2,607	84%
Revenue from collaborative arrangements	8,386	5,033	3,353	67%	32,517	7,146	25,371	355%
Total revenue	\$ 10,698	\$ 6,336	\$ 4,362	69%	\$ 38,233	\$ 10,255	\$ 27,978	273%

Revenue from product sales increased for the three and nine months ended September 30, 2015 from the comparable periods in 2014 primarily due to growth in sales of VIBATIV.

Revenue from collaborative arrangements increased in the third quarter of 2015 by \$3.4 million compared to the same period in 2014. The increase was primarily due to an \$8.0 million upfront payment in the form of Series A preferred stock in TREKtx related to our TD-6450 licensing agreement with TREKtx completed in September 2015.

For the nine months ended September 30, 2015, the \$25.4 million increase from the comparable period in 2014 was primarily due to the recognition of \$19.1 million of upfront payment related to the delivery of the license and technological know-how to Mylan during the period and the \$8.0 million in upfront payment related to the TD-6450 licensing agreement with Trek Therapeutics.

**Cost of Goods Sold**

Cost of goods sold, as compared to the comparable periods in the prior year, was as follows:

(In thousands)	Three Months Ended September 30,		Change		Nine Months Ended September 30,		Change	
	2015	2014	\$	%	2015	2014	\$	%
Cost of goods sold	\$ 581	\$ 369	\$ 212	57%	\$ 1,456	\$ 836	\$ 620	74%

Cost of goods sold increased in the three and nine months ended September 30, 2015 as compared to the same periods in 2014 primarily due to the increase in sales of VIBATIV.

**Research and Development Expenses**

Our R&D expenses consist primarily of employee-related costs, external costs, and various allocable expenses. We budget total R&D expenses on an internal department level basis, and we do not have program level reporting capabilities. We manage and report our R&D activities across the following four cost categories:

- 1) Employee-related costs, which include salaries, wages and benefits;
- 2) Share-based compensation, which includes expenses associated with our equity plans;
- 3) External costs, which include clinical trial related expenses, other contract research fees, consulting fees, and contract manufacturing fees; and
- 4) Facilities and other, which include laboratory and office supplies, depreciation and other allocated expenses, which include general and administrative support functions, insurance and general supplies.

The following table summarizes our R&D expenses incurred during the periods presented:

(In thousands)	Three Months Ended September 30,		Change		Nine Months Ended September 30,		Change	
	2015	2014	\$	%	2015	2014	\$	%
Employee-related	\$ 8,198	\$ 12,139	\$ (3,941)	(32)%	\$ 31,162	\$ 43,504	\$ (12,342)	(28)%
Share-based compensation	6,035	5,132	903	18	20,334	14,046	6,288	45
External-related	9,414	13,930	(4,516)	(32)	25,230	48,952	(23,722)	(48)
Facilities, depreciation and other allocated	6,720	7,123	(403)	(6)	20,037	19,828	209	1
Total research and development expenses	\$ 30,367	\$ 38,324	\$ (7,957)	(21)%	\$ 96,763	\$ 126,330	\$ (29,567)	(23)%

For the three and nine months ended September 30, 2015, R&D expenses decreased from the comparable periods in 2014 primarily due to decreases in employee-related costs and external-related costs. The decrease in employee-related costs was primarily due to lower costs associated with the long-term retention and incentive awards granted to certain employees in 2011. The decrease in external-related costs was primarily due to the reimbursement of R&D costs associated with the Mylan collaboration agreement. The decrease was partially offset by an increase in share-based compensation expense from both comparable periods in 2014, due primarily to new equity awards issued under our equity plans post Spin-Off.

[Table of Contents](#)**Selling, General and Administrative Expenses**

Selling, general and administrative expenses, as compared to the comparable periods in the prior year, were as follows:

(In thousands)	Three Months Ended September 30,		Change		Nine Months Ended September 30,		Change	
	2015	2014	\$	%	2015	2014	\$	%
Selling, general and administrative	\$ 22,845	\$ 17,705	\$ 5,140	29%	\$ 66,139	\$ 49,875	\$ 16,264	33%

Selling, general and administrative expenses increased in the three and nine months ended September 30, 2015 from the comparable period in 2014 primarily due to costs associated with the continued expansion of our internal sales and marketing organization supporting VIBATIV commercialization and due to an increase in share-based compensation expense, as further described below.

Selling, general and administrative expenses include share-based compensation expenses of \$6.2 million and \$22.2 million for the three and nine months ended September 30, 2015, respectively, and \$4.2 million and \$14.8 million for the three and nine months ended September 30, 2014, respectively. Share-based compensation increased primarily due to new equity awards issued under our equity plans post Spin-Off.

**Provision for Income Taxes**

(In thousands)	Three Months Ended September 30,		Change		Nine Months Ended September 30,		Change	
	2015	2014	\$	%	2015	2014	\$	%
Provision for income taxes	\$ 4,323	\$ 5,101	\$ (778)	(15)%	\$ 11,786	\$ 6,824	\$ 4,962	73%

The provision for income taxes of \$4.3 million and \$11.8 million for the three and nine months ended September 30, 2015, respectively, resulted from operating in multiple jurisdictions and generating taxable income primarily in our U.S. operations, although we incurred operating losses on a consolidated basis. The provision for income taxes was \$5.1 million and \$6.8 million for the three and nine months ended September 30, 2014, respectively.

**Liquidity and Capital Resources**

We expect to continue to incur net losses over the next several years as we continue our drug discovery efforts and incur significant preclinical and clinical development costs related to our current product candidates and commercialization and development costs relating to VIBATIV. In particular, to the extent we advance our product candidates into and through later stage clinical studies without a partner, such as axelopran (TD-1211) in our Peripheral Mu Opioid Receptor Antagonist program for opioid-induced constipation, we will incur substantial expenses. We are also making additional investments in telavancin, our approved antibiotic. For example, in February 2015, we initiated a Phase 3 registrational study for bacteremia and a patient registry study. In addition, we have increased the number of VIBATIV sales representatives and medical science liaisons in the U.S. supporting physician education on the proper usage of VIBATIV. We are incurring all of the costs and expenses associated with the commercialization of VIBATIV in the U.S., including the creation of an independent sales and marketing organization with appropriate technical expertise, supporting infrastructure and distribution capabilities, expansion of medical affairs presence, manufacturing and third party vendor logistics and consultant support, and post-marketing studies.

[Table of Contents](#)*Adequacy of cash resources to meet future needs*

We expect our cash and cash equivalents and marketable securities will fund our operations for at least the next 12 months based on current operating plans and financial forecasts.

If our current operating plans or financial forecasts change, we may require additional funding sooner in the form of public or private equity offerings, debt financings or additional collaborations and licensing arrangements. In June 2015, our shelf registration statement on Form S-3 for the potential offering, issuance and sale by us of up to a maximum aggregate offering price of \$250 million of our debt securities, ordinary shares, and/or warrants was declared effective. Up to \$50 million of the maximum aggregate offering price of \$250 million under the registration statement may be issued and sold pursuant to an at-the-market offering program for sales of our ordinary shares under a sales agreement with Cantor Fitzgerald & Co. (“ATM Agreement”), which would act as our sales agent and underwriter. On October 26, 2015, we entered into an Ordinary Share Purchase Agreement (the “Purchase Agreement”) with funds managed by Woodford Investment Management LLP (collectively, the “Funds”) for the registered direct offering of an aggregate of 3,859,649 ordinary shares of the Company, \$0.00001 par value (the “Shares”), at a purchase price of \$14.25 per Share. The Shares were issued pursuant to a prospectus supplement filed with the Securities and Exchange Commission (“SEC”) on October 26, 2015, in connection with a takedown from our shelf registration statement on Form S-3. The closing of the transaction occurred on October 29, 2015. The gross offering proceeds were approximately \$55.0 million, before deducting the estimated offering expenses of approximately \$2.6 million. As favorable financing opportunities arise, we may seek to raise capital under the Form S-3, including under the ATM Agreement to fund our operations. However, future financing may not be available in amounts or on terms acceptable to us, if at all. This could leave us without adequate financial resources to fund our operations as presently conducted.

**Cash Flows**

Cash flows, as compared to the comparable period in the prior year, were as follows:

<b>(In thousands)</b>	<b>Nine Months Ended September 30,</b>		<b>Change</b>
	<b>2015</b>	<b>2014</b>	
Net cash used in operating activities	\$ (135,111)	\$ (132,616)	\$ (2,495)
Net cash provided by (used in) investing activities	145,542	(115,935)	261,477
Net cash provided by financing activities	27,468	370,779	(343,311)

*Cash flows used in operating activities*

Net cash used in operating activities increased slightly by \$2.5 million for the nine months ended September 30, 2015 as compared to the same period in 2014 primarily from an increase in costs related to VIBATIV commercialization activities and timing of payments of variable compensation.

*Cash flows provided by (used in) investing activities*

Net cash provided by investing activities increased by \$261.5 million for the nine months ended September 30, 2015 as compared to the same period in 2014. The increase was primarily due to maturities of marketable securities of \$158.6 million partially offset by the purchase of marketable securities of \$11.1 million for the nine months ended September 30, 2015 compared to the purchase of marketable securities of \$145.9 million partially offset by maturities of marketable securities of \$32.3 million for the comparable period in 2014.

*Cash flows provided by financing activities*

Net cash provided by financing activities during the nine months ended September 30, 2015 was primarily due to proceeds from the sale of ordinary shares to Mylan, net of premium, in the amount of \$25.8 million. During the nine months ended September 30, 2014, net cash provided by financing activities was primarily due to \$370.5 million related to the transfer of cash and other assets and liabilities from Theravance.

**Commitments and Contingencies**

In 2011, Theravance granted special long-term retention and incentive restricted stock awards to members of senior management. The awards have dual triggers of vesting based upon the achievement of certain performance conditions over a six-year time frame from 2011 through December 31, 2016 and continued employment.

In May 2014, Theravance’s Compensation Committee approved the modification of the remaining tranches related to these awards contingent upon the Spin-Off. The modification acknowledged the Spin-Off and permitted recognition of achievement of the original performance conditions that were met prior to the Spin-Off, triggering 12-month service-based vesting for a portion of the equity awards. The share-based compensation expense of \$6.9 million associated with a portion of these awards after the modification was fully recognized as of June 30, 2015.

During the fourth quarter of 2014, we determined that it was probable that the performance conditions associated with the remaining Theravance RSAs outstanding under these awards would be achieved. In addition, the remaining RSAs outstanding under these awards are entitled to the pro rata dividend distribution made by Theravance on June 2, 2014 of one ordinary share of Theravance Biopharma for every three and one half shares of Theravance common stock. As a result, for the three and nine months ended September 30, 2015, we recognized \$1.8 million and \$5.3 million, respectively, of the total share-based compensation expense of \$9.5 million related to these remaining RSAs and pro rata dividends. The RSAs and pro rata dividend remain subject to a twelve-month service period, which commenced in February 2015.



[Table of Contents](#)

***Off-Balance Sheet Arrangements***

There have been no material changes in our off-balance sheet arrangements from those set forth in our Annual Report on Form 10-K for the year ended December 31, 2014, filed with the Securities and Exchange Commission on March 13, 2015.

***Contractual Obligations and Commercial Commitments***

There have been no material changes in our contractual obligations and commercial commitments from those set forth in our Annual Report on Form 10-K filed with the SEC on March 13, 2015.

**ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

Our market risks as of September 30, 2015 have not changed materially from those discussed in Item 7A of our Annual Report on Form 10-K for the year ended December 31, 2014.

**ITEM 4. CONTROLS AND PROCEDURES**

***Evaluation of Disclosure Controls and Procedures***

We conducted an evaluation required by paragraph (d) of Rule 13a-15 of the Exchange Act as of September 30, 2015, under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures (as defined under Rule 13a-15(e) of the Exchange Act), which are controls and other procedures of a company that are designed to ensure that information required to be disclosed by a company in the reports that it files under the Exchange Act is recorded, processed, summarized and reported within required time periods. Based upon that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that, as of such date, our disclosure controls and procedures were effective at the reasonable assurance level.

***Limitations on the Effectiveness of Controls***

Our management, including our Chief Executive Officer and Chief Financial Officer, does not expect that our disclosure controls and procedures or our internal control over financial reporting will prevent all error and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefit of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within Theravance Biopharma have been detected. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

***Changes in Internal Control over Financial Reporting***

There was no change in our internal control over financial reporting (as defined in Rule 13a-15(f) of the Exchange Act) identified in connection with the evaluation required by paragraph (d) of Rule 13a-15 of the Exchange Act, which occurred during our most recent fiscal quarter which has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

## **PART II. OTHER INFORMATION**

### **ITEM 1. LEGAL PROCEEDINGS**

We are not currently a party to any material litigation or other material legal proceedings.

### **ITEM 1A. RISK FACTORS**

The risks described below and elsewhere in this Report and in our other public filings with the Securities Exchange Commission are not the only risks facing the Company. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition and/or operating results.

#### **RISKS RELATING TO THE COMPANY**

*We anticipate that we will incur losses for the foreseeable future. We may never achieve or sustain profitability.*

First as Theravance, Inc. (“Theravance”), and since June 2, 2014 as Theravance Biopharma, we have been engaged in discovery and development of compounds and product candidates since mid-1997. We may never generate sufficient revenue from the sale of medicines or royalties on sales by our partners or via our interest in Theravance Respiratory Company, LLC (“TRC”) to achieve profitability. During the nine months ended September 30, 2015 and years ended December 31, 2014 and 2013, we recognized losses of \$133.1 million, \$237.0 million and \$156.3 million, respectively, which are reflected in the Shareholders’ Equity on our condensed consolidated balance sheets. We reflect cumulative net loss incurred and retained after June 2, 2014, the effective date of the Spin-Off, as accumulated deficit on our consolidated balance sheets. We expect to continue to incur net losses over the next several years as we continue our drug discovery efforts and incur significant preclinical and clinical development costs related to our current product candidates and commercialization and development costs relating to VIBATIV<sup>®</sup> (telavancin). In particular, to the extent we advance our product candidates into and through later stage clinical studies without a partner, such as axelopran (TD-1211) in our Peripheral Mu Opioid Receptor Antagonist program for opioid-induced constipation, we will incur substantial expenses. We are also making additional investments in telavancin, our approved antibiotic. For example, in February 2015 we initiated a Phase 3 registrational study for bacteremia and a patient registry study. In addition, we have increased the number of sales representatives and medical science liaisons in the U.S. supporting physician education on the proper usage of VIBATIV. We are incurring all of the costs and expenses associated with the commercialization of VIBATIV in the U.S., including the creation of an independent sales and marketing organization with appropriate technical expertise, supporting infrastructure and distribution capabilities, expansion of medical affairs presence, manufacturing and third party vendor logistics and consultant support, and post-marketing studies. Our commitment of resources to VIBATIV, to the continued development of our existing product candidates and to our discovery programs will require significant additional funding. Our operating expenses also will increase if:

- our earlier stage potential products move into later stage clinical development, which is generally a more expensive stage of development;
- additional preclinical product candidates are selected for clinical development;
- we pursue clinical development of our potential products in new indications;
- we increase the number of patents we are prosecuting or otherwise expend additional resources on patent prosecution or defense; or
- we acquire additional technologies, product candidates, products or businesses.

Other than revenues from sales of VIBATIV, our only approved medicine, and potential contingent payments under collaboration agreements, we do not expect to generate sales revenues from our programs for the foreseeable future. Since we or our collaborators or licensees may not successfully develop additional products, obtain required regulatory approvals, manufacture products at an acceptable cost or with appropriate quality, or successfully market and sell such products with desired margins, our expenses may continue to exceed any revenues we may receive.

## [Table of Contents](#)

In the absence of substantial licensing, contingent payments or other revenues from third-party collaborators, royalties on sales of products licensed under our intellectual property rights, future revenues from our products in development or other sources of revenues, we will continue to incur operating losses and will require additional capital to fully execute our business strategy. The likelihood of reaching, and time required to reach, sustained profitability are highly uncertain. As a result, we expect to continue to incur substantial losses for the foreseeable future. We are uncertain when or if we will ever be able to achieve or sustain profitability. Failure to become and remain profitable would adversely affect the price of our securities and our ability to raise capital and continue operations.

***If additional capital is not available, we may have to curtail or cease operations or we could be forced to share our rights to commercialize our product candidates with third parties on terms that may not be favorable to us.***

Based on our current operating plans and financial forecasts, we believe that our cash, cash equivalents and marketable securities will be sufficient to meet our anticipated operating needs for at least the next twelve months. If our current operating plans or financial forecasts change, we may require additional funding sooner in the form of public or private equity offerings, debt financings or additional collaborations and licensing arrangements. For example, if we choose to progress axelpran (TD-1211) in our Peripheral Mu Opioid Receptor Antagonist program for opioid-induced constipation into later-stage development on our own, our capital needs would increase substantially. We also are making additional investments in telavancin, our approved antibiotic, which will increase our operating expenses. For example, in February 2015 we announced initiation of a Phase 3 registrational study for bacteremia and initiation of a patient registry study. In addition, we have increased the number of sales representatives and medical science liaisons in the U.S. supporting physician education on the proper usage of VIBATIV and at the beginning of the fourth quarter 2015, we had approximately 50 sales representatives in the field.

Although we expect that we will have sufficient cash to fund our operations and working capital requirements for at least the next twelve months based on current operating plans and financial forecasts, we may need to raise additional capital in the future to, among other things:

- fund our discovery efforts, research and development programs and commercialization strategies for VIBATIV;
- progress mid-to-late stage product candidates into later stage development, if warranted;
- respond to competitive pressures; and
- acquire complementary businesses or technologies.

Our future capital needs depend on many factors, including:

- the scope, duration and expenditures associated with our discovery efforts and research and development programs;
- continued scientific progress in these programs;
- the extent to which we encounter technical obstacles in our research and development programs;
- the outcome of potential licensing or partnering transactions, if any;
- competing technological developments;
- the extent of our proprietary patent position in our product candidates;
- our facilities expenses, which will vary depending on the time and terms of any facility lease or sublease we may enter into;
- the scope and extent of the expansion of our sales and marketing efforts;
- potential litigation and other contingencies; and
- the regulatory approval process for our product candidates.

## [Table of Contents](#)

We may seek to raise additional capital or obtain future funding through public or private equity offerings, debt financings or additional collaborations and licensing arrangements. We may not be able to obtain additional financing on terms favorable to us, if at all. General market conditions may make it very difficult for us to seek financing from the capital markets. We may be required to relinquish rights to our technologies, product candidates or territories, or grant licenses on terms that are not favorable to us, in order to raise additional funds through collaborations or licensing arrangements. If adequate funds are not available, we may have to sequence preclinical and clinical studies as opposed to conducting them concomitantly in order to conserve resources, or delay, reduce or eliminate one or more of our research or development programs and reduce overall overhead expenses. If we are unable to raise additional capital or obtain future funding in sufficient amounts or on terms acceptable to us, we may have to make reductions in our workforce and may be prevented from continuing our discovery, development and commercialization efforts and exploiting other corporate opportunities. This would likely harm our business, prospects and financial condition and cause the price of our securities to fall.

***We may seek to obtain future financing through the issuance of debt or equity, which may have an adverse effect on our shareholders or may otherwise adversely affect our business.***

If we raise funds through the issuance of debt, convertible debt or equity, any debt securities or preferred shares issued will have rights, preferences and privileges senior to those of holders of our ordinary shares in the event of liquidation. In such event, there is a possibility that once all senior claims are settled, there may be no assets remaining to pay out to the holders of ordinary shares. In addition, if we raise funds through the issuance of additional equity, whether through private placements or public offerings, such an issuance would dilute ownership of our current shareholders that do not participate in the issuance. For example, in connection with entering into a collaboration agreement with Mylan for the development and commercialization of a nebulized formulation of our long-acting muscarinic antagonist (“LAMA”) revefenacin (TD-4208) in February 2015, Mylan made a \$30.0 million equity investment in us by purchasing 1,585,790 newly issued ordinary shares, which issuance resulted in dilution of ownership to our shareholders. By way of further example, in October 2015, funds managed by Woodford Investment Management LLP (collectively, the “Funds”) made a \$55.0 million equity investment in us by purchasing 3,859,649 newly issued ordinary shares, which issuance resulted in dilution of ownership to our shareholders. In addition, if we seek to raise funds and this becomes known publicly, the market price of our shares could decline upon the expectation of dilution, regardless of whether dilution actually occurs. In July 2015, our shelf registration statement on Form S-3 for the potential offering, issuance and sale by us of up to a maximum aggregate offering price of \$250 million of our debt securities, ordinary shares, and/or warrants was declared effective. Up to \$50 million of the maximum aggregate offering price of \$250 million under the registration statement may be issued and sold pursuant to an at-the-market offering program for sales of our ordinary shares under a sales agreement with Cantor Fitzgerald & Co. and we issued and sold \$55.0 million under the registration statement to the Funds in October 2015. If we are unable to obtain any needed additional funding, we may be required to reduce the scope of, delay, or eliminate some or all of, our planned research, development and commercialization activities or to license to third parties the rights to develop and/or commercialize products or technologies that we would otherwise seek to develop and/or commercialize ourselves or on terms that are less attractive than they might otherwise be, any of which could materially harm our business.

Furthermore, the terms of debt securities may impose restrictions on our operations, which may include limiting our ability to incur additional indebtedness, pay dividends on or repurchase our share capital, or make certain acquisitions or investments. In addition, we may be subject to covenants requiring us to satisfy certain financial tests and ratios, and our ability to satisfy such covenants may be affected by events outside of our control.

***We do not control TRC and, in particular, have no control over or access to non-public information about the respiratory programs that Theravance partnered with GSK and assigned to TRC in connection with the Spin-Off (the “GSK-Partnered Respiratory Programs”).***

Theravance has assigned to TRC its strategic alliance agreement with GSK and all of its rights and obligations under its LABA collaboration agreement other than with respect to RELVAR<sup>®</sup> ELLIPTA<sup>®</sup>/BREO<sup>®</sup> ELLIPTA<sup>®</sup>, ANORO<sup>®</sup> ELLIPTA<sup>®</sup> and vilanterol monotherapy. Our equity interest in TRC entitles us to an 85% economic interest in any future payments made by GSK under the strategic alliance agreement and under the portion of the collaboration agreement assigned to TRC (the “GSK Agreements”). These other drug programs include the Closed Triple combination of fluticasone furoate (FF)/umeclidinium (UMEC)/vilanterol (VI) (ICS/LAMA/LABA) and the MABA program, as monotherapy and in combination with other therapeutically active components, such as an inhaled corticosteroid (ICS), and any other product or combination of products that may be discovered and developed in the future under the GSK Agreements. Our economic interest does not include any payments by GSK associated with RELVAR<sup>®</sup> ELLIPTA<sup>®</sup>/BREO<sup>®</sup> ELLIPTA<sup>®</sup>, ANORO<sup>®</sup> ELLIPTA<sup>®</sup> or vilanterol monotherapy. Theravance controls TRC and, except for certain limited consent rights, we have no right to participate in the business and affairs of TRC. Theravance has the exclusive right to appoint TRC’s manager who, among other things, is responsible for the day-to-day management of the GSK-Partnered Respiratory Programs and exercises the rights relating to the GSK-Partnered Respiratory Programs. As a result, we have no rights to participate in or access to non-public information about the development and commercialization of the GSK-Partnered Respiratory Programs and no right to enforce rights under the GSK Agreements assigned to TRC. Moreover, we have many of the same risks with respect to our and TRC’s dependence on GSK as we have with respect to our dependence on our own partners.

[Table of Contents](#)

***If the GSK-Partnered Respiratory Programs in which we have a substantial economic interest, including the Closed Triple program and MABA program, encounter delays, do not demonstrate safety and efficacy, are terminated, or if there are any adverse developments or perceived adverse developments with respect to these programs, our business will be harmed, and the price of our securities could fall.***

We have no access to confidential information regarding the progress of, or plans for, the GSK-Partnered Respiratory Programs, including the Closed Triple program and the MABA program, and we have little, if any, ability to influence the progress of those programs because our interest in these programs is only through our economic interest in TRC, which is controlled by Theravance. However, if any of the GSK-Partnered Respiratory Programs assigned to TRC in which we have a substantial economic interest, including the Closed Triple program and MABA program, encounter delays, do not demonstrate safety and efficacy, are terminated, or if there are any adverse developments or perceived adverse developments with respect to such programs, our business will be harmed, and the price of our securities could fall. Examples of such adverse developments include, but are not limited to:

- GSK deciding to delay or halt development of any of the GSK-Partnered Respiratory Programs assigned to TRC in which we have a substantial economic interest, including the Closed Triple, GSK961081 ('081), the lead compound in the MABA program, or '081/FF;
- the U.S. Food and Drug Administration ("FDA") and/or other regulatory authorities determining that any of the studies under these programs do not demonstrate adequate safety or efficacy, or that additional non-clinical or clinical studies are required with respect to such programs;
- safety, efficacy or other concerns arising from clinical or non-clinical studies in these programs; or
- any particular FDA requirements or changes in FDA policy or guidance regarding these programs.

***In early November 2015 we reduced our projected U.S. net sales target for VIBATIV for 2015, and our current U.S. net sales target for VIBATIV for 2015 is based on increasing sales growth during the balance of the year that may not be achieved; if we further revise downward or fail to meet our current 2015 U.S. net sales target for VIBATIV, the price of our securities could fall.***

In early August 2015 and again in early November 2015, we reduced our projected U.S. net sales target for VIBATIV for 2015. Our current U.S. net sales target for VIBATIV for 2015 of around \$9 million is based on increasing sales growth throughout the balance of the year. This forecast is based on a number of assumptions, including assumptions about the productivity of recently hired and longer tenured sales representatives, the pace of market penetration, the acceptance of VIBATIV onto formulary by multiple hospitals and healthcare systems, the amount of chargebacks and government rebates, our customer mix, and the timing, frequency and impact of price increases, among other factors. Our forecast plans for a significantly higher level of VIBATIV net sales to occur in the fourth quarter versus the third quarter of 2015, so even small delays in market penetration and sales representative productivity, higher than expected attrition in our sales force, or unexpected seasonality factors, among other factors, could have a material adverse effect on our ability to achieve our targeted 2015 VIBATIV net sales. If we further revise our net sales guidance downward in the future or fail to meet our publicly announced 2015 net sales target for VIBATIV or other expectations about VIBATIV commercialization for these or other reasons, the price of our securities could fall.

## [Table of Contents](#)

***VIBATIV may not be broadly accepted by physicians, patients, third party payors, or the medical community in general and if we fail to meet our publicly announced net sales targets for VIBATIV or other expectations about our VIBATIV business, the price of our securities could fall.***

The commercial success of VIBATIV depends upon its acceptance by physicians, patients, third party payors and the medical community in general. VIBATIV may not be sufficiently accepted by these parties. VIBATIV competes with vancomycin, a relatively inexpensive generic drug that is manufactured by a variety of companies, and a number of existing antibacterials manufactured and marketed by major pharmaceutical companies and others, and may compete against new antibacterials that are not yet on the market. If we are unable to demonstrate to physicians that, based on experience, clinical data, side-effect profiles and other factors, VIBATIV for the treatment of complicated skin and skin structure infections (cSSSI) and HABP/VABP caused by susceptible Gram-positive bacteria in adult patients is a suitable alternative to vancomycin and other antibacterial drugs in certain clinical situations, we may never generate meaningful revenue from VIBATIV which could cause the price of our securities to fall. If we fail to meet our publicly announced net sales targets for VIBATIV or other expectations about our VIBATIV commercialization strategy, the price of our securities could fall. The degree of market acceptance of VIBATIV depends on a number of factors, including, but not limited to:

- the demonstration of the clinical efficacy and safety of VIBATIV;
- the experiences of physicians, patients and payors with the use of VIBATIV;
- potential negative perceptions of physicians related to product shortages and regional supply outages that halted commercialization of VIBATIV, stemming from the manufacturing issues at the previous drug product supplier;
- potential negative perceptions of physicians related to the European Commission's previous suspension of marketing authorization for VIBATIV (which suspension was lifted in March 2014) because the prior VIBATIV commercialization partner's single-source VIBATIV drug product supplier did not meet the cGMP requirements for the manufacture of VIBATIV;
- any adverse developments or perceived adverse developments with respect to whether Pfizer's acquisition of Hospira Worldwide, Inc. ("Hospira") may lead to changes in Hospira's operations which may adversely impact our single source of supply for VIBATIV drug product;
- the advantages and disadvantages of VIBATIV compared to alternative therapies;
- our ability to educate the medical community about the appropriate circumstances for use of VIBATIV;
- our ability to attract, train and retain targeted numbers of sales and marketing personnel;
- our ability to retain medical science liaisons in the U.S. supporting physician education on the proper usage of VIBATIV;
- the effectiveness of sales personnel, and particularly newly hired personnel, to obtain access to or educate adequate numbers of physicians about prescribing VIBATIV in appropriate clinical situations;
- the lack of complementary products to be offered by our sales personnel, which may put us at a competitive disadvantage relative to companies with more extensive product lines;
- the reimbursement policies of government and third party payors; and
- the market price of VIBATIV relative to competing therapies.

***We are bearing the full cost of developing the capability to market, sell and distribute VIBATIV in the U.S.***

We evaluate commercial strategy on a product by product basis either to engage pharmaceutical or other healthcare companies with an existing sales and marketing organization and distribution system to market, sell and distribute our products or to commercialize a product ourselves. However, we may not be able to establish these sales and distribution relationships on acceptable terms, or at all, or may encounter difficulties in commercializing a product ourselves. For any of our product candidates that receive regulatory approval in the future and are not covered by our current collaboration agreements, we will need a partner in order to commercialize such products unless we establish independent sales, marketing and distribution capabilities with appropriate technical expertise and supporting infrastructure. VIBATIV was returned to Theravance by Astellas Pharma Inc. ("Astellas"), Theravance's former VIBATIV collaboration partner, in January 2012, and Astellas is entitled to a ten-year, 2% royalty on future net sales of VIBATIV. On August 14, 2013, Theravance announced the reintroduction of VIBATIV to the U.S. market with the commencement of shipments into the wholesaler channel and we have approximately 50 VIBATIV sales representatives in the U.S. The risks of commercializing VIBATIV in the U.S. without a partner include:

- costs and expenses associated with creating an independent sales and marketing organization with appropriate technical expertise and supporting infrastructure and distribution capability, including third party vendor logistics and consultant support, which costs and expenses could, depending on the scope and method of the marketing effort, exceed any product revenue from VIBATIV for several years;

## [Table of Contents](#)

- our unproven ability to retain adequate numbers of effective sales and marketing personnel;
- our unproven ability to retain medical science liaisons in the U.S. supporting physician education on the proper usage of VIBATIV;
- the unproven ability of sales personnel to obtain access to or educate adequate numbers of physicians about prescribing VIBATIV in appropriate clinical situations;
- the lack of complementary products to be offered by sales personnel, which may put us at a competitive disadvantage relative to companies with more extensive product lines; and
- bearing the full costs of further U.S. development of telavancin.

If we are not successful in building an internal sales and marketing organization with appropriate experience, technical expertise and supporting infrastructure and distribution capability, we will have difficulty commercializing VIBATIV in the U.S., which would adversely affect our business and financial condition and the price of our securities could fall.

***With regard to all of our programs, any delay in commencing or completing clinical studies for product candidates and any adverse results from clinical or non-clinical studies or regulatory obstacles product candidates may face, would harm our business and the price of our securities could fall.***

Each of our product candidates must undergo extensive non-clinical and clinical studies as a condition to regulatory approval. Non-clinical and clinical studies are expensive, take many years to complete and study results may lead to delays in further studies or decisions to terminate programs. The commencement and completion of clinical studies for our product candidates may be delayed and programs may be terminated due to many factors, including, but not limited to:

- lack of effectiveness of product candidates during clinical studies (for example, as Theravance experienced when TD-9855 did not meet the primary efficacy endpoints in the Phase 2 study in adult patients with Attention-Deficit/Hyperactivity Disorder);
- adverse events, safety issues or side effects relating to the product candidates or their formulation into medicines;
- inability to raise additional capital in sufficient amounts to continue our development programs, which are very expensive;
- inability to enter into partnering arrangements relating to the development and commercialization of our programs and product candidates;
- the need to sequence clinical studies as opposed to conducting them concomitantly in order to conserve resources;
- our inability or the inability of our collaborators or licensees to manufacture or obtain from third parties materials sufficient for use in non-clinical and clinical studies;
- governmental or regulatory delays and changes in regulatory requirements, policy and guidelines;
- failure of our partners to advance our product candidates through clinical development;
- delays in patient enrollment and variability in the number and types of patients available for clinical studies;
- difficulty in maintaining contact with patients after treatment, resulting in incomplete data;
- varying regulatory requirements or interpretations of data among the FDA and foreign regulatory authorities; and
- a regional disturbance where we or our collaborative partners are enrolling patients in clinical trials, such as a pandemic, terrorist activities or war, political unrest or a natural disaster.

[Table of Contents](#)

***If four product candidates that we develop on our own or with collaborative partners are not approved by regulatory authorities, including the FDA, we will be unable to commercialize them.***

The FDA must approve any new medicine before it can be marketed and sold in the U.S. We must provide the FDA and similar foreign regulatory authorities with data from preclinical and clinical studies that demonstrate that our product candidates are safe and effective for a defined indication before they can be approved for commercial distribution. We will not obtain this approval for a product candidate unless and until the FDA approves a new drug application, or NDA. The processes by which regulatory approvals are obtained from the FDA to market and sell a new product are complex, require a number of years and involve the expenditure of substantial resources. In order to market our medicines in foreign jurisdictions, we, or our collaborative partners, must obtain separate regulatory approvals in each country. The approval procedure varies among countries and can involve additional testing, and the time required to obtain approval may differ from that required to obtain FDA approval. Approval by the FDA does not ensure approval by regulatory authorities in other countries, and approval by one foreign regulatory authority does not ensure approval by regulatory authorities in other foreign countries or by the FDA. Conversely, failure to obtain approval in one or more jurisdictions may make approval in other jurisdictions more difficult.

Clinical studies involving our product candidates may reveal that those candidates are ineffective, inferior to existing approved medicines, unacceptably toxic, or that they have other unacceptable side effects. In addition, the results of preclinical studies do not necessarily predict clinical success, and larger and later-stage clinical studies may not produce the same results as earlier-stage clinical studies.

Frequently, product candidates that have shown promising results in early preclinical or clinical studies have subsequently suffered significant setbacks or failed in later clinical or non-clinical studies. In addition, clinical and non-clinical studies of potential products often reveal that it is not possible or practical to continue development efforts for these product candidates. If these studies are substantially delayed or fail to prove the safety and effectiveness of our product candidates in development, we may not receive regulatory approval of any of these product candidates. Further, the implementation of new laws and regulations, and revisions to FDA clinical trial design guidance have increased uncertainty regarding the approvability of new drugs. In addition, over the past decade, the FDA has implemented additional requirements for approval of new drugs, including advisory committee meetings for new chemical entities, and formal risk evaluation and mitigation strategy at the FDA's discretion. These laws, regulations, additional requirements and changes in interpretation could cause non-approval or further delays in the FDA's review and approval of our and our collaborative partner's product candidates, which would materially harm our business and financial condition and the price of our securities could fall.

***We rely on a single manufacturer for the Active Pharmaceutical Ingredient ("API") for telavancin and a separate, single manufacturer for VIBATIV drug product supply. Our business will be harmed if either of these single-source manufacturers are not able to satisfy demand and alternative sources are not available.***

We have a single source of supply of API for telavancin and another, separate single source of supply of VIBATIV drug product. If, for any reason, either single-source third party manufacturer of telavancin API or of VIBATIV drug product is unable or unwilling to perform, or if its performance does not meet regulatory requirements, including maintaining current Good Manufacturing Practice ("cGMP") compliance, we may not be able to locate alternative manufacturers, enter into acceptable agreements with them or obtain sufficient quantities of API or finished drug product in a timely manner. Any inability to acquire sufficient quantities of API or finished drug product in a timely manner from current or future sources would adversely affect the commercialization of VIBATIV and our obligations to our partners and the price of our securities could fall.

Theravance's previous VIBATIV commercialization partner failed to maintain a reliable source of drug product supply which resulted in critical product shortages and, eventually, suspension of commercialization for well over a year. In May 2012, Theravance entered into an agreement with Hospira to supply VIBATIV drug product. In June 2013, the FDA approved Hospira as a VIBATIV drug product manufacturer, and this agreement with Hospira has been assigned to us. Although we believe that Hospira will be a reliable supplier of VIBATIV drug product, if it cannot perform or if its performance does not meet regulatory requirements, including maintaining cGMP compliance, and if commercial manufacture of VIBATIV drug product cannot be arranged elsewhere on a timely basis, the commercialization of VIBATIV will be adversely affected. In addition, Pfizer acquired Hospira earlier this year and we cannot predict whether the acquisition will lead to changes in Hospira's operations which may adversely impact our single source of supply for VIBATIV drug product. Given the time required to locate and qualify another acceptable drug product manufacturer, any supply delay, suspension or cessation by Hospira (whether or not resulting for or related to the acquisition by Pfizer) would adversely affect the commercialization of VIBATIV and our obligations to our partners and the price of our securities could fall.



[Table of Contents](#)

***We rely on a single source of supply for a number of our product candidates, and our business will be harmed if any of these single-source manufacturers are not able to satisfy demand and alternative sources are not available.***

We have limited in-house production capabilities for preclinical and clinical study purposes, and depend primarily on a number of third-party API and drug product manufacturers. We may not have long-term agreements with these third parties and our agreements with these parties may be terminable at will by either party at any time. If, for any reason, these third parties are unable or unwilling to perform, or if their performance does not meet regulatory requirements, we may not be able to locate alternative manufacturers or enter into acceptable agreements with them. Any inability to acquire sufficient quantities of API and drug product in a timely manner from these third parties could delay preclinical and clinical studies and prevent us from developing our product candidates in a cost-effective manner or on a timely basis. In addition, manufacturers of our API and drug product are subject to the FDA's cGMP regulations and similar foreign standards and we do not have control over compliance with these regulations by our manufacturers.

Our manufacturing strategy presents the following additional risks:

- because of the complex nature of many of our compounds, our manufacturers may not be able to successfully manufacture our APIs and/or drug products in a cost effective and/or timely manner and changing manufacturers for our APIs or drug products could involve lengthy technology transfer, validation and regulatory qualification activities for the new manufacturer;
- the processes required to manufacture certain of our APIs and drug products are specialized and available only from a limited number of third-party manufacturers;
- some of the manufacturing processes for our APIs and drug products have not been scaled to quantities needed for continued clinical studies or commercial sales, and delays in scale-up to commercial quantities could delay clinical studies, regulatory submissions and commercialization of our product candidates; and
- because some of the third-party manufacturers are located outside of the U.S., there may be difficulties in importing our APIs and drug products or their components into the U.S. as a result of, among other things, FDA import inspections, incomplete or inaccurate import documentation or defective packaging.

***Even if our product candidates receive regulatory approval, as VIBATIV has, commercialization of such products may be adversely affected by regulatory actions and oversight.***

Even if we receive regulatory approval for our product candidates, this approval may include limitations on the indicated uses for which we can market our medicines or the patient population that may utilize our medicines, which may limit the market for our medicines or put us at a competitive disadvantage relative to alternative therapies. For example, the U.S. labeling for VIBATIV contains a number of boxed warnings. Products with boxed warnings are subject to more restrictive advertising regulations than products without such warnings. In addition, the VIBATIV labeling for hospital-acquired and ventilator associated pneumonia ("HABP/VABP") in the U.S. and the European Union specifies that VIBATIV should be reserved for use when alternative treatments are not suitable. These restrictions make it more difficult to market VIBATIV. With VIBATIV approved in certain countries, we are subject to continuing regulatory obligations, such as safety reporting requirements and additional post-marketing obligations, including regulatory oversight of promotion and marketing.

In addition, the manufacturing, labeling, packaging, adverse event reporting, advertising, promotion and recordkeeping for the approved product remain subject to extensive and ongoing regulatory requirements. If we become aware of previously unknown problems with an approved product in the U.S. or overseas or at contract manufacturers' facilities, a regulatory authority may impose restrictions on the product, the contract manufacturers or on us, including requiring us to reformulate the product, conduct additional clinical studies, change the labeling of the product, withdraw the product from the market or require the contract manufacturer to implement changes to its facilities.

[Table of Contents](#)

We are also subject to regulation by regional, national, state and local agencies, including the Department of Justice, the Federal Trade Commission, the Office of Inspector General of the U.S. Department of Health and Human Services and other regulatory bodies with respect to VIBATIV, as well as governmental authorities in those foreign countries in which any of our product candidates are approved for commercialization. The Federal Food, Drug, and Cosmetic Act, the Public Health Service Act and other federal and state statutes and regulations govern to varying degrees the research, development, manufacturing and commercial activities relating to prescription pharmaceutical products, including non-clinical and clinical testing, approval, production, labeling, sale, distribution, import, export, post-market surveillance, advertising, dissemination of information and promotion. If we or any third parties that provide these services for us are unable to comply, we may be subject to regulatory or civil actions or penalties that could significantly and adversely affect our business. Any failure to maintain regulatory approval will limit our ability to commercialize our product candidates, which would materially and adversely affect our business and financial condition and the price of our securities could fall.

The risks identified in this risk factor relating to regulatory actions and oversight by agencies in the U.S. and throughout the world also apply to the commercialization of any partnered products by our collaboration partners, and such regulatory actions and oversight may limit our collaboration partners' ability to commercialize such products, which could materially and adversely affect our business and financial condition, which may cause the price of our securities to fall.

***If our partners do not satisfy their obligations under our agreements with them, or if they terminate our partnerships with them, we may not be able to develop or commercialize our partnered product candidates as planned.***

In October 2012, Theravance entered into an exclusive development and commercialization agreement with Alfa Wassermann S.p.A. ("Alfa Wassermann") for velusetrag, our lead compound in the 5-HT4 program, covering the European Union, Russia, China, Mexico and certain other countries, and Theravance entered into a research collaboration and license agreement with Merck to discover, develop and commercialize novel small molecule therapeutics for the treatment of cardiovascular disease on an exclusive, worldwide basis. In March 2013, Theravance entered into a commercialization agreement with Clinigen Group plc ("Clinigen") for VIBATIV in the European Union and certain other European countries (including Switzerland and Norway). In connection with these agreements, Theravance granted to these parties certain rights regarding the use of its patents and technology with respect to the compounds in our development programs, including development and marketing rights. In September 2013, Merck terminated its research collaboration and license agreement with Theravance. The Alfa Wassermann and Clinigen agreements were assigned to us in the Spin-Off. The Alfa Wassermann agreement provides research and development funding for the program under license, and if it decides not to progress the licensed program, we may not be able to develop or commercialize the program on our own. In January 2015, we entered into a collaboration agreement with Mylan for the development and commercialization of a nebulized formulation of our LAMA revefenacin (TD-4208). Under the terms of the agreement, we and Mylan will co-develop nebulized revefenacin for COPD and other respiratory diseases.

Our partners might not fulfill all of their obligations under these agreements, and, in certain circumstances, they may terminate our partnership with them as Astellas did to Theravance in January 2012 with its VIBATIV agreement and as Merck did to Theravance in September 2013 with the cardiovascular disease collaboration. In either event, we may be unable to assume the development and commercialization of the product candidates covered by the agreements or enter into alternative arrangements with a third party to develop and commercialize such product candidates. If a partner elected to promote its own products and product candidates in preference to those licensed from us, the development and commercialization of product candidates covered by the agreements could be delayed or terminated, and future payments to us could be delayed, reduced or eliminated and our business and financial condition could be materially and adversely affected. Accordingly, our ability to receive any revenue from the product candidates covered by these agreements is dependent on the efforts of our partners. If a partner terminates or breaches its agreements with us, otherwise fails to complete its obligations in a timely manner or alleges that we have breached our contractual obligations under these agreements, the chances of successfully developing or commercializing product candidates under the collaboration could be materially and adversely affected. We could also become involved in disputes with a partner, which could lead to delays in or termination of our development and commercialization programs and time-consuming and expensive litigation or arbitration.

***Because GSK is a strategic partner of Theravance, a strategic partner of TRC and a significant shareholder of us, it may take actions that in certain cases are materially harmful to both our business and to our other shareholders.***

As of October 31, 2015, GSK beneficially owned approximately 22.1% of our outstanding ordinary shares. GSK is also a strategic partner to Theravance with rights and obligations under the strategic alliance agreement and under the collaboration agreement assigned to TRC (the “GSK-Theravance Agreements”) that may cause GSK’s interests to differ from the interests of us and our other shareholders. In particular, if the Closed Triple or a MABA/ICS in either the U.S. or the European Union is approved, GSK’s diligent efforts obligations under the GSK-Theravance Agreements with regard to commercialization matters will have the objective of focusing on the best interests of patients and maximizing the net value of the overall portfolio of products under the GSK-Theravance Agreements. Following such regulatory approval, GSK’s commercialization efforts will be guided by a portfolio approach across products in which we have an indirect interest through TRC and products in which we have no interest. Accordingly, GSK’s commercialization efforts may have the effect of reducing the value of our interest in TRC. Furthermore, GSK has a substantial respiratory product portfolio in addition to the products covered by the GSK-Theravance Agreements. GSK may make respiratory product portfolio decisions or statements about its portfolio which may be, or may be perceived to be, harmful to the respiratory products partnered with Theravance and TRC. For example, GSK could promote its own respiratory products and/or delay or terminate the development or commercialization of the respiratory programs covered by the GSK-Theravance Agreements. Also, given the potential future royalty payments GSK may be obligated to pay under the GSK-Theravance Agreements, GSK may seek to acquire us or acquire our interests in TRC in order to effectively reduce those payment obligations, though the actions GSK may take to acquire us are limited under our governance agreement with GSK which will expire on December 31, 2017 (the “Governance Agreement”). The timing of when GSK may seek to acquire us could potentially be when it possesses information regarding the status of drug programs covered by the GSK-Theravance Agreements that has not been publicly disclosed and is not otherwise known to us. As a result of these differing interests, GSK may take actions that it believes are in its best interest but which might not be in the best interests of either us or our other shareholders. In addition, GSK could also seek to challenge our or Theravance’s post-Spin-Off operations as violating or allowing it to terminate the GSK-Theravance Agreements, including by violating the confidentiality provisions of those agreements or the master agreement between GSK, Theravance and us entered into in connection with the Spin-Off, or otherwise violating its legal rights. While we believe our operations fully comply with the GSK-Theravance Agreements, the master agreement and applicable law, there can be no assurance that we or Theravance will prevail against any such claims by GSK. Moreover, regardless of the merit of any claims by GSK, we may incur significant cost and diversion of resources in defending them. In addition, any other action or inaction by either GSK or Theravance that results in a material dispute, allegation of breach, litigation, arbitration, or significant disagreement between those parties may be interpreted negatively by the market or by our investors, could harm our business and cause the price of our securities to fall. Examples of these kinds of issues include but are not limited to non-performance of contractual obligations and allegations of non-performance, disagreements over the relative marketing and sales efforts for Theravance’s partnered products and other GSK respiratory products, disputes over public statements, and similar matters. In general, any uncertainty about the respiratory programs partnered with GSK, the enforceability of the GSK-Theravance Agreements or the relationship/partnership between Theravance and GSK could result in significant reduction in the market price of our securities and other material harm to our business.

***Agreements entered into with or for the benefit of GSK in connection with the Spin-Off may significantly restrict our business and affairs.***

On March 3, 2014, in connection with the Spin-Off, we, Theravance and GSK entered into a number of agreements that may significantly restrict our business and affairs. In particular, we, Theravance and GSK entered into a three-way master agreement (the “Master Agreement”) that, among other things, requires GSK’s consent to make any changes to (A) the Separation and Distribution Agreement, Transition Services Agreement, Employee Matters Agreement and Tax Matters Agreement that would, individually or in the aggregate, reasonably be expected to adversely affect GSK in any material respect or (B) the TRC Limited Liability Company Agreement, which consent is not to be unreasonably withheld, conditioned or delayed, provided that GSK may withhold, condition or delay such consent in its sole discretion with respect to certain sections of the TRC Limited Liability Company Agreement and any changes to the governance structure of TRC, the confidentiality restrictions, the consent rights, and the transfer restrictions in the TRC Limited Liability Company Agreement. We and GSK also entered into (i) the Governance Agreement that, among other things, provides share purchase rights to GSK and exempts GSK from triggering our Rights Agreement until December 31, 2017, (ii) a registration rights agreement that gives GSK certain registration rights with respect to our ordinary shares held by GSK and (iii) an extension agreement that extends to us certain restrictive covenants similar to those applicable to Theravance under the GSK-Theravance Agreements. There can be no assurance that these restrictions will not materially harm our business, particularly given that GSK’s interests may not be aligned with the interests of our business or our other shareholders.

***If we are unable to enter into future collaboration arrangements or if any such collaborations with third parties are unsuccessful, we will be unable to fully develop and commercialize all of our product candidates and our business will be adversely affected.***

Theravance's collaborations with Alfa Wassermann for velusetrag, with Clinigen for VIBATIV for the European Union, and with other companies for regional development and commercialization of VIBATIV were assigned to us in connection with the Spin-Off or entered into subsequent to the spin-off. Also, through our interest in TRC we may participate economically in Theravance's collaborations with GSK with respect to the GSK-Partnered Respiratory Programs. In addition, by way of example, in January 2015 we entered into a collaboration agreement with Mylan for the development and commercialization of a nebulized formulation of revefenacin (TD-4208), our LAMA compound. We received non-marketable equity securities in connection with the TREKtx Agreement, and recognized those investments at their estimated fair market value at the time of receipt, and we may receive similar non-marketable equity securities in the future, which could subject us to future impairment charges up to the amount recognized for such assets. Additional collaborations will likely be needed to fund later-stage development of our product candidates that have not been licensed to a collaborator, such as axelopran (TD-1211) for opioid-induced constipation or for a territory that is not covered by existing collaborations, and to commercialize these product candidates if approved by the necessary regulatory authorities. In some instances, we may seek additional third parties with which to pursue collaboration arrangements for the development and commercialization of our development programs and for the future commercialization of VIBATIV in regions where it is not currently partnered. Collaborations with third parties regarding these programs or our other programs may require us to relinquish material rights, including revenue from commercialization of our medicines, or to assume material ongoing development obligations that we would have to fund. These collaboration arrangements are complex and time-consuming to negotiate, and if we are unable to reach agreements with third-party collaborators, we may fail to meet our business objectives and our financial condition may be adversely affected. We face significant competition in seeking third-party collaborators. We may be unable to find third parties to pursue product collaborations on a timely basis or on acceptable terms. Furthermore, for any collaboration, we may not be able to control the amount of time and resources that our partners devote to our product candidates and our partners may choose to prioritize alternative programs. Our inability to successfully collaborate with third parties would increase our development costs and would limit the likelihood of successful commercialization of our product candidates and the price of our securities could fall.

***We depend on third parties in the conduct of our clinical studies for our product candidates.***

We depend on independent clinical investigators, contract research organizations and other third-party service providers in the conduct of our non-clinical and clinical studies for our product candidates. We rely heavily on these parties for execution of our non-clinical and clinical studies, and control only certain aspects of their activities. Nevertheless, we are responsible for ensuring that our clinical studies are conducted in accordance with good clinical practices ("GCPs") and other regulations as required by the FDA and foreign regulatory authorities, and the applicable protocol. Failure by these parties to comply with applicable regulations, GCPs and protocols in conducting studies of our product candidates can result in a delay in our development programs or non-approval of our product candidates by regulatory authorities.

The FDA enforces GCPs and other regulations through periodic inspections of trial sponsors, clinical research organizations ("CROs"), principal investigators and trial sites. If we or any of the third parties on which we have relied to conduct our clinical studies are determined to have failed to comply with GCPs, the study protocol or applicable regulations, the clinical data generated in our studies may be deemed unreliable. This could result in non-approval of our product candidates by the FDA, or we or the FDA may decide to conduct additional audits or require additional clinical studies, which would delay our development programs, could result in significant additional costs and the price of our securities could fall.

***We face substantial competition from companies with more resources and experience than we have, which may result in others discovering, developing, receiving approval for or commercializing products before or more successfully than we do.***

Our ability to succeed in the future depends on our ability to demonstrate and maintain a competitive advantage with respect to our approach to the discovery, development and commercialization of medicines. Our objective is to discover, develop and commercialize new small molecule medicines with superior efficacy, convenience, tolerability and/or safety using our proprietary insight in chemistry, biology and multivalency, where applicable. We expect that any medicines that we commercialize with or without our collaborative partners will compete with existing or future market-leading medicines.

Many of our current and potential competitors have substantially greater financial, technical and personnel resources than we have. In addition, many of these competitors have significantly greater commercial infrastructures than we have. Our ability to compete successfully will depend largely on our ability to leverage our experience in drug discovery and development, and, more recently, commercialization, to:

- discover and develop medicines that are superior to other products in the market;
- attract and retain qualified personnel;
- obtain patent and/or other proprietary protection for our medicines and technologies;
- obtain required regulatory approvals;
- develop and effectively implement commercialization strategies, with or without collaborative partners; and
- successfully collaborate with pharmaceutical companies in the discovery, development and commercialization of new medicines.

## [Table of Contents](#)

Pharmaceutical companies, including companies with which we collaborate, may invest heavily to quickly discover and develop or in-license novel compounds that could make our product candidates obsolete. Accordingly, our competitors may succeed in obtaining patent protection, receiving FDA approval or discovering, developing and commercializing medicines before we do. Other companies are engaged in the discovery of medicines that would compete with the product candidates that we are developing.

Any new medicine that competes with a generic or proprietary market leading medicine must demonstrate compelling advantages in efficacy, convenience, tolerability and/or safety in order to overcome severe price competition and be commercially successful. VIBATIV must demonstrate these advantages in certain circumstances, as it competes with vancomycin, a relatively inexpensive generic drug that is manufactured by a number of companies, and a number of existing antibacterial drugs marketed by major and other pharmaceutical companies. If we are not able to compete effectively against our current and future competitors, our business will not grow, our financial condition and operations will suffer and the price of our securities could fall.

As the principles of multivalency become more widely known, we expect to face increasing competition from companies and other organizations that pursue the same or similar approaches. Novel therapies, such as gene therapy or effective vaccines for infectious diseases, may emerge that will make both conventional and multivalent medicine discovery efforts obsolete or less competitive.

***Certain of our directors and officers may have actual or potential conflicts of interest because of their equity ownership in Theravance, which actual or potential conflicts may harm our business, prospects and financial condition and result in the diversion of corporate opportunities to Theravance.***

Certain of our directors and all of our executive officers hold shares of Theravance's common stock or rights to acquire such shares, and these holdings may be significant for some of these individuals compared to their total assets. This ownership of Theravance common stock by our officers and most of our directors may create, or may create the appearance of, conflicts of interest when these directors and officers are faced with decisions that could have different implications for Theravance and for us. For example, potential or actual conflicts could arise relating to: our relationship with Theravance, including Theravance's and our respective rights and obligations under agreements entered into in connection with the Spin-Off; Theravance's management of TRC, particularly given that we and Theravance have different economic interests in TRC; and corporate opportunities that may be available to both companies in the future. Although we and Theravance have implemented policies and procedures to identify and properly address such potential and actual conflicts of interest, there can be no assurance that, when such conflicts are resolved in accordance with applicable laws, such conflicts of interest will not harm our business, prospects and financial condition and result in the diversion of corporate opportunities to Theravance.

***If we lose key management or scientific personnel, or if we fail to attract and retain key employees, our ability to discover and develop our product candidates and commercialize VIBATIV and any other products that may be approved in the future will be impaired.***

We are highly dependent on principal members of our management team and scientific staff, and in particular, our Chief Executive Officer, Rick E. Winningham, to operate our business. Mr. Winningham has significant pharmaceutical industry experience. The loss of Mr. Winningham's services could impair our ability to discover, develop and commercialize new medicines.

The Spin-Off represented a significant organizational change and our employees may have concerns about our prospects as a stand-alone company, including our ability to successfully operate the new entity over the long-term, and our ability to maintain our independence after the Spin-Off. If we are not successful in assuring our employees of our prospects as an independent company, our employees may seek other employment, which could materially adversely affect our business. If we fail to retain our qualified personnel or replace them when they leave, we may be unable to continue our discovery, development and commercialization activities, which may cause the price of our securities to fall.

In addition, our U.S. operating subsidiary's facility and most of its employees are located in northern California, headquarters to many other biotechnology and biopharmaceutical companies and many academic and research institutions. As a result, competition for certain skilled personnel in our market is intense. None of our employees have employment commitments for any fixed period of time and they all may leave our employment at will. If we fail to retain our qualified personnel or replace them when they leave, we may be unable to continue our development and commercialization activities and the price of our securities could fall.

[Table of Contents](#)

***Our business and operations would suffer in the event of system failures or security breaches.***

Although we have security measures in place, our internal computer systems and those of our CROs and other service providers are vulnerable to damage from computer viruses, unauthorized access, natural disasters, terrorism, war and telecommunication and electrical failures. Any material system failure, accident or security breach could result in a material disruption to our business or other losses. We rely extensively on computer systems to process payment transactions, maintain information and manage our business. Although we have security and fraud prevention measures in place, the Company has been subject to immaterial payment fraud activity. If we suffered material electronic security breaches, we could incur significant liability or significant disruption to our business. For example, the loss of clinical trial data from completed or ongoing clinical trials of our product candidates could result in delays in our regulatory approval efforts and significantly increase our costs to recover or reproduce the data. If a disruption or security breach results in a loss of or damage to our data or regulatory applications, inadvertent disclosure of confidential or proprietary information, or other harm to our business, we could incur liability, the further development of our product candidates could be delayed and the price of our securities could fall.

***Our U.S. operating subsidiary's facility is located near known earthquake fault zones, and the occurrence of an earthquake, extremist attack or other catastrophic disaster could cause damage to our facilities and equipment, which could require us to cease or curtail operations.***

Our U.S. operating subsidiary's facility is located in the San Francisco Bay Area near known earthquake fault zones and therefore will be vulnerable to damage from earthquakes. In October 1989, a major earthquake struck this area and caused significant property damage and a number of fatalities. We are also vulnerable to damage from other types of disasters, including power loss, attacks from extremist organizations, fire, floods, communications failures and similar events. If any disaster were to occur, our ability to operate our business could be seriously impaired. In addition, the unique nature of our research activities and of much of our equipment could make it difficult for us to recover from this type of disaster. We may not have adequate insurance to cover our losses resulting from disasters or other similar significant business interruptions and we do not plan to purchase additional insurance to cover such losses due to the cost of obtaining such coverage. Any significant losses that are not recoverable under our insurance policies could seriously impair our business and financial condition, which could cause the price of our securities to fall.

***We are an "emerging growth company" and we cannot be certain if the reduced disclosure requirements applicable to emerging growth companies will make our ordinary shares less attractive to investors.***

We are an "emerging growth company" under the Jumpstart Our Business Startups Act of 2012, or the JOBS Act. Emerging growth companies can delay adopting new or revised accounting standards until such time as those standards apply to private companies. We plan to avail ourselves of this exemption from new or revised accounting standards and, therefore, we may not be subject to the same new or revised accounting standards as other public companies that are not emerging growth companies.

For as long as we continue to be an emerging growth company, we also intend to take advantage of certain other exemptions from various reporting requirements that are applicable to other public companies including, but not limited to, reduced disclosure obligations regarding executive compensation in our periodic reports and proxy statements, exemptions from the requirements of holding a nonbinding advisory shareholder vote on executive compensation and any golden parachute payments not previously approved, exemption from the requirement of auditor attestation in the assessment of our internal control over financial reporting and exemption from any requirement that may be adopted by the Public Company Accounting Oversight Board regarding mandatory audit firm rotation or a supplement to the auditor's report providing additional information about the audit and the financial statements (auditor discussion and analysis). Therefore, the information that we intend to provide shareholders will be different than what is available with respect to some other public companies. We cannot predict if investors will find our ordinary shares less attractive because we rely on these exemptions. If some investors find our ordinary shares less attractive as a result, there may be a less active trading market for our ordinary shares and our share price may be more volatile.

We were an emerging growth company for all of 2014 and will remain an emerging growth company until the earliest of (i) the end of the fiscal year in which the market value of our ordinary shares that is held by non-affiliates exceeds \$700 million as of the end of the second fiscal quarter, (ii) the end of the fiscal year in which we have total annual gross revenues of \$1 billion or more during such fiscal year, (iii) the date on which we issue more than \$1 billion in non-convertible debt in a three-year period or (iv) December 31, 2019, the end of the fiscal year following the fifth anniversary of the date of the first sale of our ordinary shares pursuant to an effective registration statement filed under the Securities Act.

[Table of Contents](#)

***We and our shareholders may not realize the potential benefits from the Spin-Off.***

On June 2, 2014, the Spin-Off of the Theravance Biopharma from Theravance was completed via a pro rata dividend distribution to Theravance stockholders of record of one of our ordinary shares for every three and one half shares of Theravance common stock outstanding on the May 15, 2014 record date. We and our shareholders may not realize the potential benefits that we expected from our Spin-Off from Theravance. By separating from Theravance, there is a risk that our company may be more susceptible to market fluctuations and other adverse events than we would have been were we still a part of Theravance. In addition, we have incurred and will continue to incur significant costs, including those described elsewhere herein, which may exceed our estimates. As a separate company, we will not receive potential royalty revenue derived from certain of Theravance's late-stage partnered respiratory assets (the "Royalty Business").

***Our historical financial information prior to the Spin-Off may not reflect what our financial position, results of operations or cash flows would have been as a stand-alone company during the periods presented and is not necessarily indicative of our future financial position, future results of operations or future cash flows.***

Our historical financial information prior to the Spin-Off does not necessarily reflect what our financial position, results of operations or cash flows would have been as a stand-alone company during the periods presented and is not necessarily indicative of our future financial position, future results of operations or future cash flows. This is primarily a result of the following factors:

- prior to the Spin-Off, our business was operated by Theravance as part of its broader corporate organization rather than as a stand-alone company, and our business was able to leverage Theravance's financial resources and creditworthiness;
- prior to the Spin-Off, certain general administrative functions were performed by Theravance for the combined entity. Our historical consolidated financial statements reflect allocations of costs for services shared with Theravance. These allocations may differ from the costs we will incur for these services as an independent company;
- our cost of capital will likely be higher than Theravance's cost of capital prior to the Spin-Off; and
- following the Spin-Off, we are now responsible for the additional costs associated with being an independent, public company, including costs related to corporate governance and listed and registered securities.

Our accounting and other management systems and resources may not be adequately prepared to meet the financial reporting and other requirements to which we became subject following the Spin-Off. If we are unable to achieve and maintain effective internal controls, our business, financial position and results of operations could be adversely affected.

As a result of the Spin-Off, we are subject to the reporting and other obligations under the Exchange Act, including the requirements of Section 404 of the Sarbanes-Oxley Act of 2002, which will require annual management assessments of the effectiveness of our internal control over financial reporting. When and if we become a "large accelerated filer" or an "accelerated filer" and are no longer an "emerging growth company," each as defined in the Exchange Act, our independent registered public accounting firm will be required to attest to the effectiveness of our internal control over financial reporting. These reporting and other obligations will place significant demands on our management and administrative and operational resources, including accounting resources.

To comply with these requirements, we anticipate that we may need to upgrade our systems, including information technology, implement additional financial and management controls, reporting systems and procedures and hire additional legal, accounting and/or finance staff. If we are unable to upgrade our financial and management controls, reporting systems, information technology and procedures in a timely and effective fashion, our ability to comply with our financial reporting requirements and other rules that apply to reporting companies could be impaired. In addition, if in the future we are unable to conclude that our internal control over financial reporting is effective (or if the auditors are unable to express an opinion on the effectiveness of our internal controls), we could lose investor confidence in the accuracy and completeness of our financial reports.

Our management will be responsible for establishing and maintaining adequate internal control over financial reporting as defined in Rules 13a-15(f) under the Exchange Act. Our internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with accounting principles generally accepted in the United States. Any failure to achieve and maintain effective internal controls could have an adverse effect on our business, financial position and results of operations.

[Table of Contents](#)

***We have only been operating as a stand-alone entity since June 2, 2014 and therefore we have a limited history operating as an independent company upon which you can evaluate us.***

We have only been operating as a stand-alone entity since June 2, 2014 and therefore we have a limited operating history as an independent company upon which you can evaluate us. While our biopharmaceutical business has constituted a substantial part of the historic operations of Theravance, we did not operate as a stand-alone company without the Royalty Business until the Spin-Off. As a new independent company, our ability to satisfy our obligations and achieve profitability will be primarily dependent upon the future performance of our biopharmaceutical business, and we do not rely upon the revenues, capital resources and cash flows of the Royalty Business remaining with Theravance.

***We may be treated as a U.S. corporation for U.S. federal income tax purposes.***

For U.S. federal income tax purposes, a corporation generally is considered tax resident in the place of its incorporation. Theravance Biopharma is incorporated under Cayman Islands law and established tax residency in Ireland effective July 1, 2015. Therefore, it should be a non-U.S. corporation under this general rule. However, Section 7874 of the Internal Revenue Code of 1986, as amended (the “Code”), contains rules that may result in a foreign corporation being treated as a U.S. corporation for U.S. federal income tax purposes. The application of these rules is complex and there is little guidance regarding certain aspects of their application.

Under Section 7874 of the Code, a corporation created or organized outside the U.S. will be treated as a U.S. corporation for U.S. federal tax purposes, when (i) the foreign corporation directly or indirectly acquires substantially all of the properties held directly or indirectly by a U.S. corporation, (ii) the former shareholders of the acquired U.S. corporation hold at least 80% of the vote or value of the shares of the foreign acquiring corporation by reason of holding stock in the U.S. acquired corporation, and (iii) the foreign corporation’s “expanded affiliated group” does not have “substantial business activities” in the foreign corporation’s country of incorporation relative to its expanded affiliated group’s worldwide activities. For this purpose, “expanded affiliated group” generally means the foreign corporation and all subsidiaries in which the foreign corporation, directly or indirectly, owns more than 50% of the stock by vote and value, and “substantial business activities” generally means at least 25% of employees (by number and compensation), assets and gross income of our expanded affiliated group are based, located and derived, respectively, in the country of incorporation.

We do not expect to be treated as a U.S. corporation under Section 7874 of the Code, because we do not believe that the assets contributed to us by Theravance constituted “substantially all” of the properties of Theravance (as determined on both a gross and net fair market value basis). However, the IRS may disagree with our conclusion on this point and assert that, in its view, the assets contributed to us by Theravance did constitute “substantially all” of the properties of Theravance. In addition, there could be legislative proposals to expand the scope of U.S. corporate tax residence and there could be changes to Section 7874 of the Code or the Treasury Regulations promulgated thereunder that could result in Theravance Biopharma being treated as a U.S. corporation.

If it were determined that we should be treated as a U.S. corporation for U.S. federal income tax purposes, we could be liable for substantial additional U.S. federal income tax on our post-Spin-Off taxable income. In addition, payments of dividends to non-U.S. holders may be subject to U.S. withholding tax.

***Taxing authorities, such as the U.S. Internal Revenue Service may challenge our structure and transfer pricing arrangements.***

We are incorporated in the Cayman Islands, maintain subsidiaries in the Cayman Islands, United States, the United Kingdom and Ireland, and effective July 1, 2015, we migrated our tax domicile from the Cayman Islands to Ireland. We are able to achieve a low annual average tax rate through the performance of certain functions and ownership of certain assets in tax-efficient jurisdictions such as the Cayman Islands and Ireland, together with intra-group service and transfer pricing agreements, each on an arm’s length basis. Taxing authorities, such as the U.S. Internal Revenue Service, or the IRS, may challenge our structure and transfer pricing arrangements through an audit or lawsuit. Responding to or defending such a challenge could be expensive and consume time and other resources, and divert management’s time and focus from operating our business. We cannot predict whether taxing authorities will conduct an audit or file a lawsuit challenging this structure, the cost involved in responding to any such audit or lawsuit, or the outcome. If we are unsuccessful, we may be required to pay taxes for prior periods, interest, fines or penalties, and may be obligated to pay increased taxes in the future which could result in reduced cash flows and have a material adverse effect on our business, financial condition and growth prospects.



[Table of Contents](#)

***We believe that our company (and one of our subsidiaries) is a passive foreign investment company, or “PFIC,” for 2014, which may have adverse U.S. federal income tax consequences to U.S. holders.***

For U.S. federal income tax purposes, we generally would be classified as a PFIC for any taxable year if either (i) 75% or more of our gross income (including gross income of certain 25%-or-more-owned corporate subsidiaries) is “passive income” (as defined for such purposes) or (ii) the average percentage of our assets (including the assets of certain 25%-or-more-owned corporate subsidiaries) that produce passive income or that are held for the production of passive income is at least 50%. In addition, whether our company will be a PFIC for any taxable year depends on our assets and income over the course of each such taxable year and, as a result, cannot be predicted with certainty until after the end of the year.

Based upon our assets and income during the course of 2014, we believe that our company is a PFIC for the 2014 taxable year and may continue to be a PFIC in subsequent years. In addition, we believe that one of our company’s wholly-owned subsidiaries, Theravance Biopharma R&D, Inc. is also a PFIC for the 2014 taxable year. For any taxable year (or portion thereof) in which our company is a PFIC that is included in the holding period of a U.S. holder, the U.S. holder is generally subject to additional U.S. federal income taxes plus an interest charge with respect to certain distributions from Theravance Biopharma or gain recognized on a sale of Theravance Biopharma shares. Similar rules would apply with respect to distributions from or gain recognized on an indirect sale of Theravance Biopharma R&D, Inc. U.S. holders of our ordinary shares may wish to file an election to be treated as owning an interest in a “qualified electing fund” (“QEF”) or to “mark-to-market” their ordinary shares to avoid the otherwise-applicable interest charge consequences of PFIC treatment with respect to our ordinary shares. U.S. holders of our ordinary shares should consult their tax advisers regarding the potential PFIC, QEF and mark-to-market treatment of their interests in our ordinary shares, as well as the application of the PFIC rules with respect to their indirect interests in Theravance Biopharma R&D, Inc.

***If we are required to indemnify Theravance, or if we are not able to collect on indemnification rights from Theravance, our business prospects and financial condition may be harmed.***

We agreed to indemnify Theravance from and after the Spin-Off with respect to (i) all debts, liabilities and obligations transferred to us in connection with the Spin-Off (including our failure to pay, perform or otherwise promptly discharge any such debts, liabilities or obligations after the Spin-Off), (ii) any misstatement or omission of a material fact resulting in a misleading statement in our Information Statement distributed to Theravance stockholders in connection with the Spin-Off and (iii) any breach by us of certain agreements entered into with Theravance in connection with the Spin-Off (namely, the Separation and Distribution Agreement, the Transition Services Agreement, the Employee Matters Agreement, the Tax Matters Agreement, and the Facility Sublease Agreement). We are not aware of any existing indemnification obligations at this time, but any such indemnification obligations that may arise could be significant. Under the terms of the Separation and Distribution Agreement, Theravance agreed to indemnify us from and after the Spin-Off with respect to (i) all debts, liabilities and obligations retained by Theravance after the Spin-Off (including its failure to pay, perform or otherwise promptly discharge any such debts, liabilities or obligations after the Spin-Off) and (ii) any breach by Theravance of the Separation and Distribution Agreement, the Transition Services Agreement, the Employee Matters Agreement, the Tax Matters Agreement, and the Facility Sublease Agreement. Our and Theravance’s ability to satisfy these indemnities, if called upon to do so, will depend upon our and Theravance’s future financial strength. If we are required to indemnify Theravance, or if we are not able to collect on indemnification rights from Theravance, our business prospects and financial condition may be harmed.

#### **RISKS RELATED TO LEGAL AND REGULATORY UNCERTAINTY**

***If our efforts to protect the proprietary nature of the intellectual property related to our technologies are not adequate, we may not be able to compete effectively in our market.***

We rely upon a combination of patents, patent applications, trade secret protection and confidentiality agreements to protect the intellectual property related to our technologies. Any involuntary disclosure to or misappropriation by third parties of this proprietary information could enable competitors to quickly duplicate or surpass our technological achievements, thus eroding our competitive position in our market. The status of patents in the biotechnology and pharmaceutical field involves complex legal and scientific questions and is very uncertain. As of September 30, 2015, we or one of our wholly-owned subsidiaries owned 409 issued United States patents and 1,527 granted foreign patents, as well as additional pending United States and foreign patent applications. Our patent applications may be challenged or fail to result in issued patents and our existing or future patents may be invalidated or be too narrow to prevent third parties from developing or designing around these patents. If the sufficiency of the breadth or strength of protection provided by our patents with respect to a product candidate is threatened, it could dissuade companies from collaborating with us to develop product candidates and threaten our ability to commercialize products. Further, if we encounter delays in our clinical trials or in obtaining regulatory approval of our product candidates, the patent lives of the related product candidates would be reduced.

## [Table of Contents](#)

In addition, we rely on trade secret protection and confidentiality agreements to protect proprietary know-how that is not patentable, for processes for which patents are difficult to enforce and for any other elements of our drug discovery and development processes that involve proprietary know-how, information and technology that is not covered by patent applications. Although we require our employees, consultants, advisors and any third parties who have access to our proprietary know-how, information and technology to enter into confidentiality agreements, we cannot be certain that this know-how, information and technology will not be disclosed or that competitors will not otherwise gain access to our trade secrets or independently develop substantially equivalent information and techniques. Further, the laws of some foreign countries do not protect proprietary rights to the same extent as the laws of the United States. As a result, we may encounter significant problems in protecting and defending our intellectual property both in the United States and abroad. If we are unable to prevent material disclosure of the intellectual property related to our technologies to third parties, we will not be able to establish or, if established, maintain a competitive advantage in our market, which could materially adversely affect our business, financial condition and results of operations, which could cause the price of our securities to fall.

***Litigation or third-party claims of intellectual property infringement would require us to divert resources and may prevent or delay our drug discovery and development efforts.***

Our commercial success depends in part on us and our partners not infringing the patents and proprietary rights of third parties. Third parties may assert that we or our partners are using their proprietary rights without authorization. There are third party patents that may cover materials or methods for treatment related to our product candidates. At present, we are not aware of any patent claims with merit that would adversely and materially affect our ability to develop our product candidates, but nevertheless the possibility of third party allegations cannot be ruled out. In addition, third parties may obtain patents in the future and claim that use of our technologies infringes upon these patents. Furthermore, parties making claims against us or our partners may obtain injunctive or other equitable relief, which could effectively block our ability to further develop and commercialize one or more of our product candidates. Defense of these claims, regardless of their merit, would involve substantial litigation expense and would be a substantial diversion of employee resources from our business.

In the event of a successful claim of infringement against us, we may have to pay substantial damages, obtain one or more licenses from third parties or pay royalties. In addition, even in the absence of litigation, we may need to obtain licenses from third parties to advance our research or allow commercialization of our product candidates, and we have done so from time to time. We may fail to obtain any of these licenses at a reasonable cost or on reasonable terms, if at all. In that event, we would be unable to further develop and commercialize one or more of our product candidates, which could harm our business significantly. In addition, in the future we could be required to initiate litigation to enforce our proprietary rights against infringement by third parties. Prosecution of these claims to enforce our rights against others would involve substantial litigation expenses and divert substantial employee resources from our business. If we fail to effectively enforce our proprietary rights against others, our business will be harmed and the price of our securities could fall.

***If the efforts of our partners or future partners to protect the proprietary nature of the intellectual property related to collaboration assets are not adequate, the future commercialization of any medicines resulting from collaborations could be delayed or prevented, which would materially harm our business and could cause the price of our securities to fall.***

The risks identified in the two preceding risk factors may also apply to the intellectual property protection efforts of our partners or future partners and to GSK with respect to the GSK-Partnered Respiratory Programs in which we hold an economic interest. To the extent the intellectual property protection of any partnered assets are successfully challenged or encounter problems with the United States Patent and Trademark Office or other comparable agencies throughout the world, the future commercialization of these potential medicines could be delayed or prevented. Any challenge to the intellectual property protection of a late-stage development asset, particularly those of the GSK-Partnered Respiratory Programs in which we hold an economic interest, could harm our business and cause the price of our securities to fall.

***Product liability lawsuits could divert our resources, result in substantial liabilities and reduce the commercial potential of our medicines.***

The risk that we may be sued on product liability claims is inherent in the development and commercialization of pharmaceutical products and have likely increased with the commercial reintroduction of VIBATIV. Side effects of, or manufacturing defects in, products that we or our partners develop or commercialize could result in the deterioration of a patient's condition, injury or even death. Once a product is approved for sale and commercialized, the likelihood of product liability lawsuits tends to increase. Claims may be brought by individuals seeking relief for themselves or by individuals or groups seeking to represent a class. Also, changes in laws outside the U.S. are expanding our potential liability for injuries that occur during clinical trials. These lawsuits may divert our management from pursuing our business strategy and may be costly to defend. In addition, if we are held liable in any of these lawsuits, we may incur substantial liabilities and may be forced to limit or forgo further commercialization of the applicable products.

Although we maintain general liability and product liability insurance, this insurance may not fully cover potential liabilities and we cannot be sure that our insurer will not disclaim coverage as to a future claim. In addition, inability to obtain or maintain sufficient insurance coverage at an acceptable cost or to otherwise protect against potential product liability claims could prevent or inhibit the commercial production and sale of our products, which could adversely affect our business. The cost of defending any product liability litigation or other proceeding, even if resolved in our favor, could be substantial and uncertainties resulting from the initiation and continuation of product liability litigation or other proceedings could have a material adverse effect on our ability to compete in the marketplace. Product liability claims could also harm our reputation, which may adversely affect our and our partners' ability to commercialize our products successfully and the price of our securities could fall.

***Government restrictions on pricing and reimbursement, as well as other healthcare payor cost-containment initiatives, may negatively impact our ability to generate revenues.***

The continuing efforts of the government, insurance companies, managed care organizations and other payors of health care costs to contain or reduce costs of health care may adversely affect one or more of the following:

- our or our collaborators' ability to set and collect a price we believe is fair for our product;
- our ability to generate revenues and achieve profitability; and
- the availability of capital.

The Patient Protection and Affordable Care Act, the Veterans Health Care Act and other existing and potential legislative or regulatory actions regarding healthcare and insurance matters, along with the trend toward managed healthcare in the United States, could influence the purchase of healthcare products and reduce demand and prices for our product. This could harm our or our collaborators' ability to market our existing and potential medicines and generate revenues. Cost containment measures that health care payors and providers are instituting and the effect of the Patient Protection and Affordable Care Act, the Veterans Health Care Act and any additional agency regulations that may emerge in the future could significantly reduce potential revenues from the sale of VIBATIV and any product candidates approved in the future. In addition, in certain foreign markets, the pricing of prescription drugs is subject to government control and reimbursement may in some cases be unavailable. We believe that pricing pressures at the state and federal level, as well as internationally, will continue and may increase, which may make it difficult for us to sell VIBATIV and any other potential medicines that may be approved in the future at a price acceptable to us or our collaborators and which may cause the price of our securities to fall.

***If we use hazardous and biological materials in a manner that causes injury or violates applicable law, we may be liable for damages.***

Our research and development activities involve the controlled use of potentially hazardous substances, including chemical, biological and radioactive materials. In addition, our operations produce hazardous waste products. Federal, state and local laws and regulations govern the use, manufacture, storage, handling and disposal of hazardous materials. We may incur significant additional costs to comply with these and other applicable laws in the future. Also, even if we are in compliance with applicable laws, we cannot completely eliminate the risk of contamination or injury resulting from hazardous materials and we may incur liability as a result of any such contamination or injury. In the event of an accident, we could be held liable for damages or penalized with fines, and the liability could exceed our resources. We do not have any insurance for liabilities arising from hazardous materials. Compliance with applicable environmental laws and regulations is expensive, and current or future environmental regulations may impair our research, development and production efforts, which could harm our business, which could cause the price of our securities to fall.

## RISKS RELATING TO OUR ORDINARY SHARES

*The market price for our shares has and may continue to fluctuate widely, and may result in substantial losses for purchasers of our ordinary shares.*

Our ordinary shares began trading on June 3, 2014, and the market price for our shares has and may continue to fluctuate widely, and may result in substantial losses for purchasers of our ordinary shares. To date, there is limited securities analyst coverage of our company. Limited securities analyst coverage of our company and shares is likely to reduce demand for our shares from potential investors, which likely will reduce the market price for our shares. To the extent that historically low trading volumes for our ordinary shares continues, our stock price may fluctuate significantly more than the stock market as a whole or the stock prices of similar companies. Without a larger public float of actively traded shares, our ordinary shares are likely to be more sensitive to changes in sales volumes, market fluctuations and events or perceived events with respect to our business, than the shares of common stock of companies with broader public ownership, and as a result, the trading prices for our ordinary shares may be more volatile. Among other things, trading of a relatively small volume of ordinary shares may have a greater effect on the trading price than would be the case if our public float of actively traded shares were larger.

Market prices for securities of biotechnology and biopharmaceutical companies have been highly volatile, and we expect such volatility to continue for the foreseeable future, so that investment in our ordinary shares involves substantial risk. By separating from Theravance, there is a risk that our company may be more susceptible to market fluctuations and other adverse events than we would have been were we still a part of Theravance. Additionally, the stock market from time to time has experienced significant price and volume fluctuations unrelated to the operating performance of particular companies.

The following are some of the factors that may have a significant effect on the market price of our ordinary shares:

- any adverse developments or results or perceived adverse developments or results with respect to the GSK-Partnered Respiratory Programs, including, without limitation, any delays in development in these programs, any halting of development in these programs, any difficulties or delays encountered with regard to the FDA or other regulatory authorities in these programs, or any indication from clinical or non-clinical studies that the compounds in such programs are not safe or efficacious;
- any further adverse developments or perceived adverse developments with respect to the commercialization of VIBATIV, including whether Pfizer's acquisition of Hospira earlier this year will lead to changes in Hospira's operations which may adversely impact our single source of supply for VIBATIV drug product;
- whether we achieve the increased sales growth during the second half of 2015 upon which our current publicly announced U.S. net sales target for VIBATIV for 2015 is based or revise downward or fail to meet this sales target;
- any announcements of developments with, or comments by, the FDA or other regulatory authorities with respect to products we or our partners have under development or have commercialized;
- any adverse developments or agreements or perceived adverse developments or agreements with respect to the relationship of Theravance or TRC, on the one hand, and GSK, on the other hand, including any such developments or agreements resulting from or relating to the Spin-Off;
- any adverse developments or perceived adverse developments with respect to our relationship with any of our research, development or commercialization partners, including, without limitation, disagreements that may arise between us and any of those partners, including any such developments resulting from or relating to the Spin-Off;
- any adverse developments or perceived adverse developments in our programs with respect to partnering efforts or otherwise;
- announcements of patent issuances or denials, technological innovations or new commercial products by us or our competitors;
- publicity regarding actual or potential study results or the outcome of regulatory review relating to products under development by us, our partners or our competitors;

## [Table of Contents](#)

- regulatory developments in the United States and foreign countries;
- announcements of equity or debt financings;
- economic and other external factors beyond our control;
- loss of key personnel;
- likelihood of our ordinary shares to be more sensitive to changes in sales volume, market fluctuations and events or perceived events with respect to our business due to our small public float;
- low public market trading volumes for our ordinary shares related in part to the concentration of ownership of our shares;
- developments or disputes as to patent or other proprietary rights;
- approval or introduction of competing products and technologies;
- results of clinical trials;
- failures or unexpected delays in timelines for our potential products in development, including the obtaining of regulatory approvals;
- delays in manufacturing adversely affecting clinical or commercial operations;
- fluctuations in our operating results;
- market reaction to announcements by other biotechnology or pharmaceutical companies;
- initiation, termination or modification of agreements with our collaborators or disputes or disagreements with collaborators;
- litigation or the threat of litigation;
- public concern as to the safety of drugs developed by us; and
- comments and expectations of results made by securities analysts or investors.

If any of these factors causes us to fail to meet the expectations of securities analysts or investors, or if adverse conditions prevail or are perceived to prevail with respect to our business, the price of the ordinary shares would likely drop significantly. A significant drop in the price of a company's securities often leads to the filing of securities class action litigation against the company. This type of litigation against us could result in substantial costs and a diversion of management's attention and resources.

### ***Concentration of ownership will limit your ability to influence corporate matters.***

As of October 31, 2015, GSK beneficially owned approximately 22.1% of our outstanding ordinary shares and our directors, executive officers and investors affiliated with these individuals beneficially owned approximately 4.2% of our outstanding ordinary shares. Based on our review of publicly available filings, as of October 31, 2015 our three largest shareholders other than GSK collectively owned approximately 32.5% of our outstanding ordinary shares. These shareholders and GSK could control the outcome of actions taken by us that require shareholder approval, including a transaction in which shareholders might receive a premium over the prevailing market price for their shares.

[Table of Contents](#)

***Certain provisions in our constitutional documents may discourage our acquisition by a third party, which could limit your opportunity to sell shares at a premium.***

Our constitutional documents include provisions that could limit the ability of others to acquire control of us, modify our structure or cause us to engage in change-of-control transactions, including, among other things, provisions that:

- require supermajority shareholder voting to effect certain amendments to our amended and restated memorandum and articles of association;
- establish a classified board of directors;
- restrict our shareholders from calling meetings or acting by written consent in lieu of a meeting;
- limit the ability of our shareholders to propose actions at duly convened meetings; and
- authorize our board of directors, without action by our shareholders, to issue preferred shares and additional ordinary shares.

These provisions could have the effect of depriving you of an opportunity to sell your ordinary shares at a premium over prevailing market prices by discouraging third parties from seeking to acquire control of us in a tender offer or similar transaction.

***Our shareholders may face difficulties in protecting their interests because we are incorporated under Cayman Islands law.***

Our corporate affairs are governed by our amended and restated memorandum and articles of association, by the Companies Law (2013 Revision) (as amended) of the Cayman Islands and by the common law of the Cayman Islands. The rights of our shareholders and the fiduciary responsibilities of our directors under the laws of the Cayman Islands are different from those under statutes or judicial precedent in existence in jurisdictions in the U.S. Therefore, you may have more difficulty in protecting your interests than would shareholders of a corporation incorporated in a jurisdiction in the U.S., due to the different nature of Cayman Islands law in this area.

Shareholders of Cayman Islands exempted companies such as our company have no general rights under Cayman Islands law to inspect corporate records and accounts or to obtain copies of lists of shareholders. Our directors have discretion under our amended and restated memorandum and articles of association to determine whether or not, and under what conditions, our corporate records may be inspected by our shareholders, but are not obliged to make them available to our shareholders. This may make it more difficult for you to obtain the information needed to establish any facts necessary for a shareholder motion or to solicit proxies from other shareholders in connection with a proxy contest.

Our Cayman Islands counsel, Maples and Calder, is not aware of any reported class action having been brought in a Cayman Islands court. Derivative actions have been brought in the Cayman Islands courts, and the Cayman Islands courts have confirmed the availability for such actions. In most cases, the company will be the proper plaintiff in any claim based on a breach of duty owed to it, and a claim against (for example) the company's officers or directors usually may not be brought by a shareholder. However, based on English authorities, which would in all likelihood be of persuasive authority and be applied by a court in the Cayman Islands, exceptions to the foregoing principle apply in circumstances in which:

- a company is acting, or proposing to act, illegally or beyond the scope of its authority;
- the act complained of, although not beyond the scope of the authority, could be effected if duly authorized by more than the number of votes which have actually been obtained; or
- those who control the company are perpetrating a "fraud on the minority."

A shareholder may have a direct right of action against the company where the individual rights of that shareholder have been infringed or are about to be infringed.

***There is uncertainty as to shareholders' ability to enforce certain foreign civil liabilities in the Cayman Islands.***

We are incorporated as an exempted company limited by shares with limited liability under the laws of the Cayman Islands. A material portion of our assets are located outside of the United States. As a result, it may be difficult for our shareholders to enforce judgments against us or judgments obtained in U.S. courts predicated upon the civil liability provisions of the federal securities laws of the United States or any state of the United States.

[Table of Contents](#)

We have been advised by our Cayman Islands legal counsel, Maples and Calder, that the courts of the Cayman Islands are unlikely (i) to recognize or enforce against Theravance Biopharma judgments of courts of the United States predicated upon the civil liability provisions of the securities laws of the United States or any State; and (ii) in original actions brought in the Cayman Islands, to impose liabilities against Theravance Biopharma predicated upon the civil liability provisions of the securities laws of the United States or any State, on the grounds that such provisions are penal in nature. However, in the case of laws that are not penal in nature, although there is no statutory enforcement in the Cayman Islands of judgments obtained in the United States, the courts of the Cayman Islands will recognize and enforce a foreign money judgment of a foreign court of competent jurisdiction without retrial on the merits based on the principle that a judgment of a competent foreign court imposes upon the judgment debtor an obligation to pay the sum for which judgment has been given provided certain conditions are met. For a foreign judgment to be enforced in the Cayman Islands, such judgment must be final and conclusive and for a liquidated sum, and must not be in respect of taxes or a fine or penalty, inconsistent with a Cayman Islands' judgment in respect of the same matter, impeachable on the grounds of fraud or obtained in a manner, and or be of a kind the enforcement of which is, contrary to natural justice or the public policy of the Cayman Islands (awards of punitive or multiple damages may well be held to be contrary to public policy). A Cayman Islands' court may stay enforcement proceedings if concurrent proceedings are being brought elsewhere. The Grand Court of the Cayman Islands may stay proceedings if concurrent proceedings are being brought elsewhere, which would delay proceedings and make it more difficult for our shareholders to bring action against us.

**ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS**

None.

[Table of Contents](#)

**ITEM 6. EXHIBITS**

Exhibit No.	Description of Exhibit	Filed Herewith	Incorporated by Reference	
			Form	Filing Date/Period End Date
3.1	Amended and Restated Memorandum and Articles of Association		10-12B	April 30, 2014
10.1	Forms of Non-Executive Officer Restricted Share Unit Agreement under the 2013 Equity Incentive Plan		Schedule TO	August 28, 2015
10.2	Letter Agreement by and between Theravance Biopharma, Inc. and Glaxo Group Limited, dated September 11, 2015, including the form of Ordinary Share Purchase Agreement and Schedule as attached thereto.		8-K	September 11, 2015
10.3	Ordinary Share Purchase Agreement by and between Theravance Biopharma, Inc. and Glaxo Group Limited, dated October 7, 2015		8-K/A	October 13, 2015
10.4	Ordinary Share Purchase Agreement, dated as of October 26, 2015, by and between Theravance Biopharma, Inc. and the funds managed by Woodford Investment Management LLP named therein.		8-K	October 26, 2015
31.1	Certification of Chief Executive Officer pursuant to Rules 13a-14(a) and 15d-14(a) promulgated pursuant to the Securities Exchange Act of 1934, as amended	X		
31.2	Certification of Principal Financial Officer pursuant to Rules 13a-14(a) and 15d-14(a) promulgated pursuant to the Securities Exchange Act of 1934, as amended	X		
32 (1)	Certifications Pursuant to 18 U.S.C. Section 1350	X		
101	Financial statements from the quarterly report on Form 10-Q of the Company for the quarter ended September 30, 2015, formatted in XBRL: (i) the Condensed Consolidated Balance Sheets, (ii) the Condensed Consolidated Statements of Operations and Comprehensive Loss, (iii) the Condensed Consolidated Statements of Cash Flows and (iv) the Notes to the Condensed Consolidated Financial Statements	X		

(1) The certifications provided as Exhibit 32.1 are being furnished to accompany the Report pursuant to 18 U.S.C. § 1350 and shall not be deemed filed by the Company for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and is not to be incorporated by reference into any filing of the Company, whether made before or after the date hereof, regardless of any general incorporation language in such filing.



**SIGNATURES**

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

Theravance Biopharma, Inc.

Date: November 12, 2015

/s/ Rick E Winningham

**Rick E Winningham**

*Chairman of the Board and Chief Executive Officer  
(Principal Executive Officer)*

Date: November 12, 2015

/s/ Renee D. Gala

**Renee D. Gala**

*Senior Vice President and Chief Financial Officer  
(Principal Financial Officer)*

**EXHIBIT INDEX**

Listed and indexed below are all Exhibits filed as part of this report.

Exhibit No.	Description of Exhibit	Filed Herewith	Incorporated by Reference	
			Form	Filing Date/Period End Date
3.1	Amended and Restated Memorandum and Articles of Association		10-12B	April 30, 2014
10.1	Forms of Non-Executive Officer Restricted Share Unit Agreement under the 2013 Equity Incentive Plan		Schedule TO	August 28, 2015
10.2	Letter Agreement by and between Theravance Biopharma, Inc. and Glaxo Group Limited, dated September 11, 2015, including the form of Ordinary Share Purchase Agreement and Schedule as attached thereto.		8-K	September 11, 2015
10.3	Ordinary Share Purchase Agreement by and between Theravance Biopharma, Inc. and Glaxo Group Limited, dated October 7, 2015		8-K/A	October 13, 2015
10.4	Ordinary Share Purchase Agreement, dated as of October 26, 2015, by and between Theravance Biopharma, Inc. and the funds managed by Woodford Investment Management LLP named therein.		8-K	October 26, 2015
31.1	Certification of Chief Executive Officer pursuant to Rules 13a-14(a) and 15d-14(a) promulgated pursuant to the Securities Exchange Act of 1934, as amended	X		
31.2	Certification of Principal Financial Officer pursuant to Rules 13a-14(a) and 15d-14(a) promulgated pursuant to the Securities Exchange Act of 1934, as amended	X		
32 (1)	Certifications Pursuant to 18 U.S.C. Section 1350	X		
101	Financial statements from the quarterly report on Form 10-Q of the Company for the quarter ended September 30, 2015, formatted in XBRL: (i) the Condensed Consolidated Balance Sheets, (ii) the Condensed Consolidated Statements of Operations and Comprehensive Loss, (iii) the Condensed Consolidated Statements of Cash Flows and (iv) the Notes to the Condensed Consolidated Financial Statements	X		

(1) The certifications provided as Exhibit 32.1 are being furnished to accompany the Report pursuant to 18 U.S.C. § 1350 and shall not be deemed filed by the Company for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and is not to be incorporated by reference into any filing of the Company, whether made before or after the date hereof, regardless of any general incorporation language in such filing.

**Certification of Chief Executive Officer**  
**Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002**

I, Rick E Winningham, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Theravance Biopharma, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:
  - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 12, 2015

\_\_\_\_\_  
/s/ Rick E Winningham  
**Rick E Winningham**  
Chairman of the Board and Chief Executive Officer  
(Principal Executive Officer)

---

**Certification of Principal Financial Officer**  
**Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002**

I, Renee D. Gala, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Theravance Biopharma, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:
  - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 12, 2015

/s/ Renee D. Gala

**Renee D. Gala**  
Senior Vice President and Chief Financial Officer  
(Principal Financial Officer)

---

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER  
PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

I, Rick E Winningham, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of Theravance Biopharma, Inc. on Form 10-Q for the three and nine months ended September 30, 2015 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended and that information contained in such Quarterly Report on Form 10-Q fairly presents in all material respects the financial condition of Theravance Biopharma, Inc. at the end of the periods covered by such Quarterly Report on Form 10-Q and results of operations of Theravance Biopharma, Inc. for the periods covered by such Quarterly Report on Form 10-Q.

Date: November 12, 2015

By: \_\_\_\_\_  
**Rick E Winningham**  
Chairman of the Board and Chief Executive Officer  
(Principal Executive Officer)

**CERTIFICATION OF PRINCIPAL FINANCIAL OFFICER  
PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

I, Renee D. Gala, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of Theravance Biopharma, Inc. on Form 10-Q for the three and nine months ended September 30, 2015 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended and that information contained in such Quarterly Report on Form 10-Q fairly presents in all material respects the financial condition of Theravance Biopharma, Inc. at the end of the periods covered by such Quarterly Report on Form 10-Q and results of operations of Theravance Biopharma, Inc. for the periods covered by such Quarterly Report on Form 10-Q.

Date: November 12, 2015

By: \_\_\_\_\_  
**Renee D. Gala**  
Senior Vice President and Chief Financial Officer  
(Principal Financial Officer)

---

