



Forward-Looking Statements



This presentation contains "forward-looking" statements that are based on the beliefs and assumptions and on information currently available to management of Verona Pharma plc (together with its consolidated subsidiaries, the "Company"). All statements other than statements of historical fact contained in this presentation are forward-looking statements. Forward-looking statements include information concerning the initiation, timing, progress and results of clinical trials of the Company's product candidate, the timing or likelihood of regulatory filings and approvals for any of its product candidates, and estimates regarding the Company's expenses, future revenues and future capital requirements. In some cases, you can identify forward-looking statements by terminology such as "may," "will," "should," "expects," "plans," "anticipates," "believes," "estimates," "predicts," "potential" or "continue" or the negative of these terms or other comparable terminology.

Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These risks, uncertainties and other factors include those under "Risk Factors" in the final prospectus filed with the Securities and Exchange Commission (the "SEC") on April 28, 2017 relating to the Company's Registration Statement on Form F-1 and in its other reports filed with the SEC. Forward-looking statements represent the Company's beliefs and assumptions only as of the date of this presentation. Although the Company believes that the expectations reflected in the forward-looking statements are reasonable, it cannot guarantee future results, levels of activity, performance or achievements. Except as required by law, the Company assumes no obligation to publicly update any forward-looking statements for any reason after the date of this presentation, or to conform any of the forward-looking statements to actual results or to changes in its expectations.





Clinical-stage biopharma focused on developing & commercializing innovative therapeutics for treatment of respiratory diseases with significant unmet need

Inhaled dual inhibitor of enzymes PDE3 and PDE4

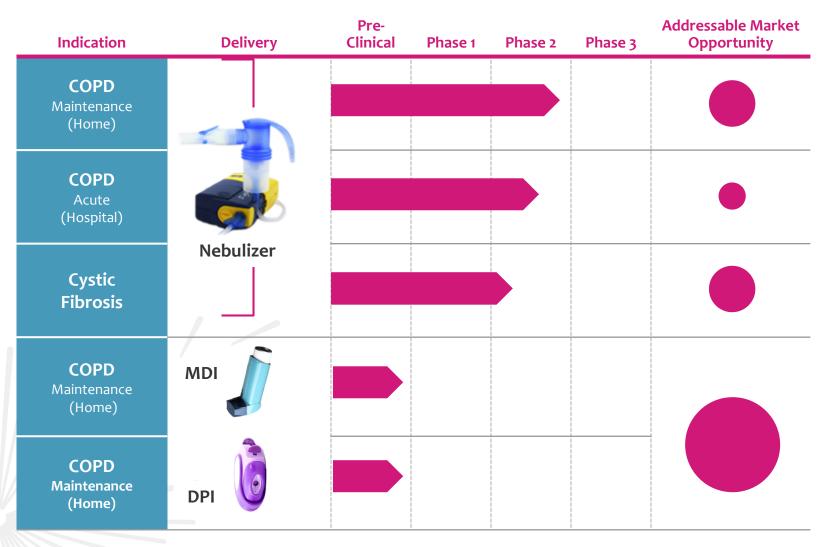
RPL554

Current Focus: COPD and CF

Potential first novel class of bronchodilator in decades
Bronchodilator + anti-inflammatory agent in single compound

RPL554: Rich Product Pipeline





RPL554 also has applications in other significant respiratory diseases such as asthma.

Clear Success Drivers





- Large patient population
- Significant unmet medical need •
- Little innovation in COPD

Significant

Market opportunity



- Robust clinical data
- validated endpoints (FEV1)
- 10 P1 and P2a trials, 400+ subjects treated

Clear, efficient pathway to

Approval



- Significant KOL interest and support
- Novel Mode of Action

Strong potential for Adoption



- Multiple respiratory indications
- Global commercialization ← rights
- Near term Phase 2b data

Significant outlook for Growth

COPD: Devastating Disease, Affecting Many





CAUSES Smoking



Inflames and constricts airways (bronchioles) and can damage alveoli



No cure



"Take a deep breath, blow out 20% now walk around, holding the rest forever." **COPD Sufferer**



Affects Many

Increasing prevalence **384M** global sufferers 3rd leading cause of death in U.S.

Sources: IMS, CDC



Very Costly

Many exacerbations and hospitalizations ~\$50B projected annual medical costs by 2020 (U.S. alone)

\$10B+ annual global sales of COPD drugs

COPD Sufferers Require Maintenance and Acute Treatment



Maintenance (Home)



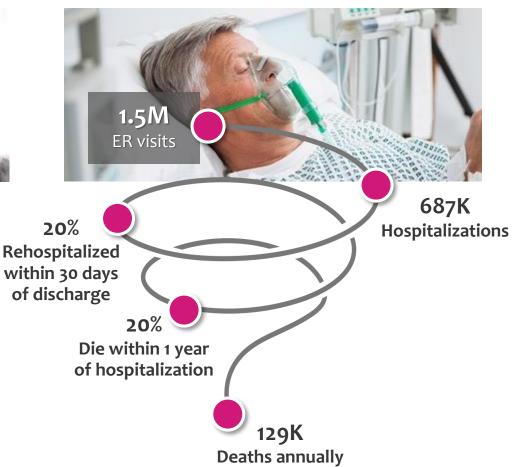
U.S. alone: 24M living with COPD

- 15M diagnosed and under treatment
- Approximately 2M severe/very severe

Treatment goals:

- Improved lung function
- Improved quality of life
- Prevent exacerbations

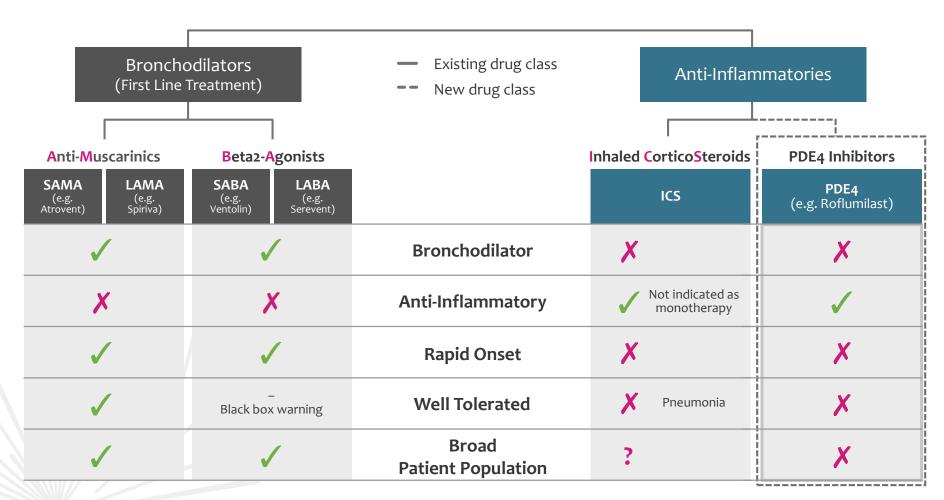
Acute (Hospital)



Note: U.S. only data

Current Therapies: Little Innovation and Many Limitations

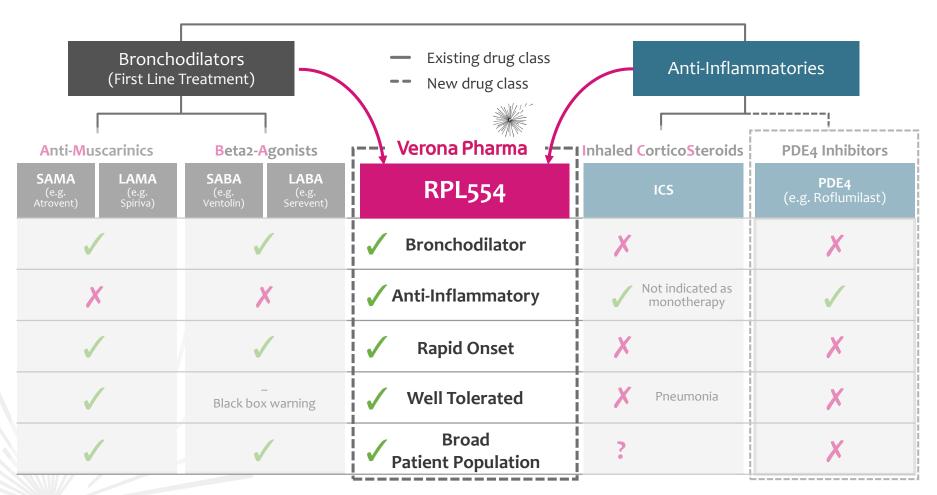




Many patients treated with approved COPD drugs/combinations do not experience significant improvements in quality of life and continue to suffer from significant symptoms

RPL554: Potential to Address Limitations of Current Therapies





Many patients treated with approved COPD drugs/combinations do not experience significant improvements in quality of life and continue to suffer from significant symptoms

RPL554 First-in-Class Candidate: Bronchodilator and Anti-inflammatory in a Single Compound



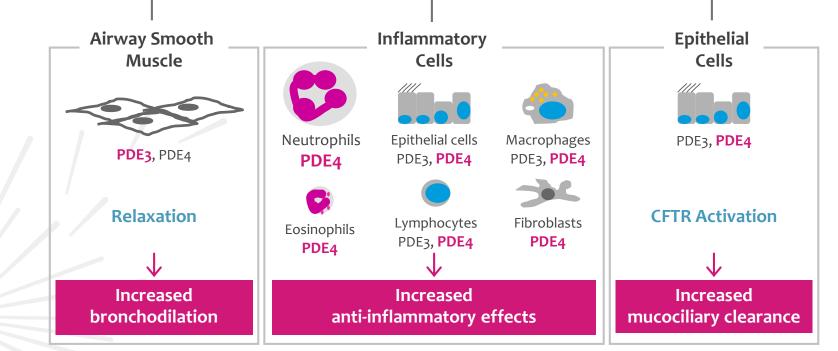
RPL554Dual **PDE3** and **PDE4** enzyme inhibitor

Impacts 3 Key Mechanisms in Respiratory Disease:



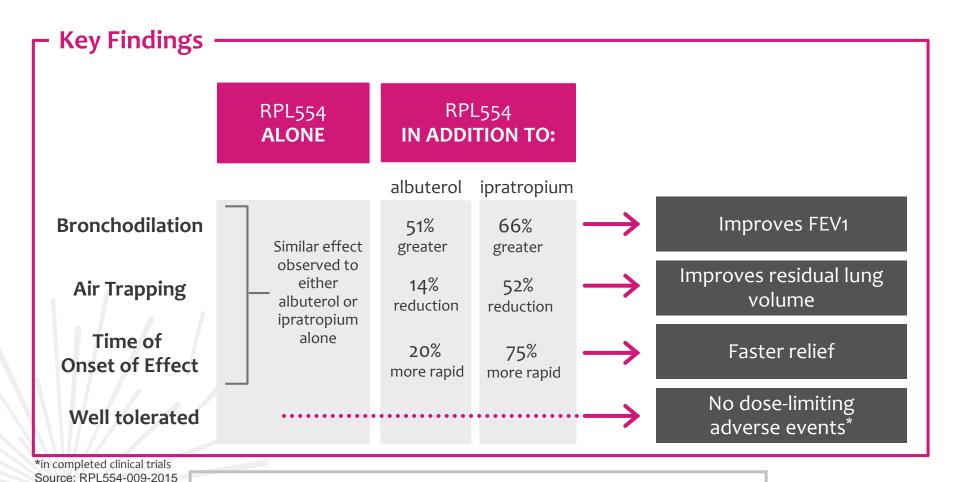






RPL554: Significantly De-Risked Add-on Effect Reproduced in Independent Study





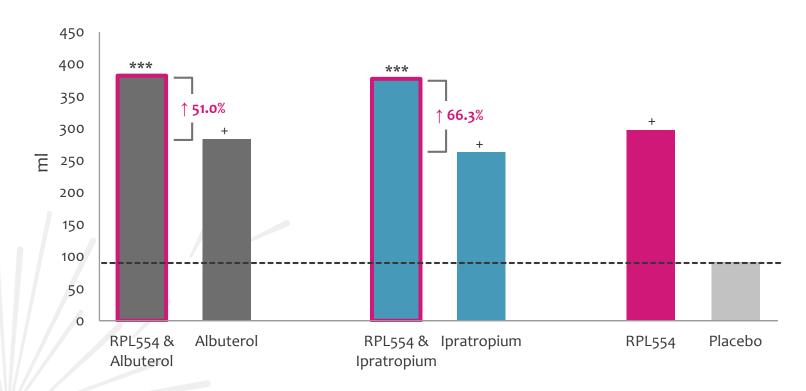
Phase 1 and 2a: 10 Clinical Trials, 324 Subjects

RPL554: Significantly Improves Lung Function in COPD Patients



Peak Change from Baseline in FEV₁(ml)

N=36



Source: RPL554-009-2015

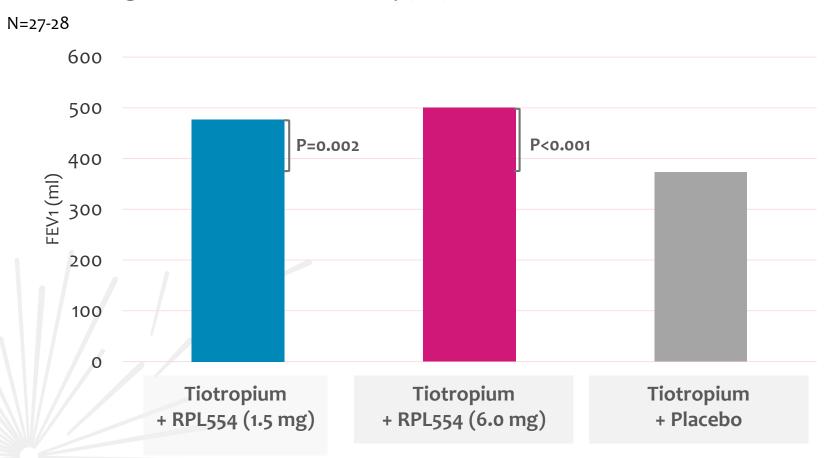
⁺ p<0.001 vs placebo

^{***} p<0.001 vs. albuterol or ipratropium alone

RPL554: Significant Additional Bronchodilator Response when Inhaled on Top of Tiotropium (Spiriva)



Peak Change from Baseline in FEV₁ (ml) on Day 3



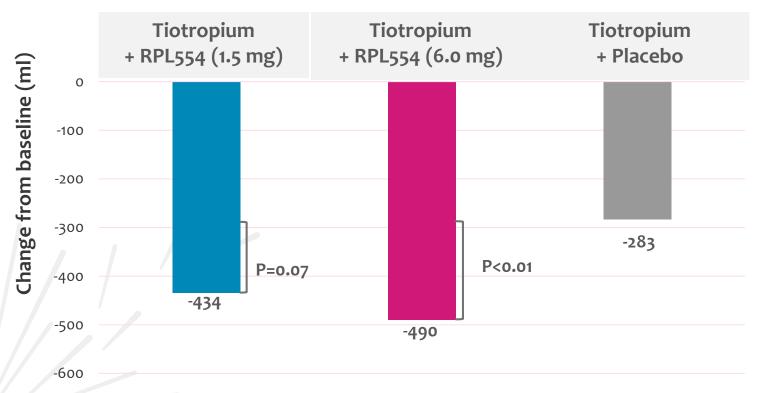
Source: RPL554-CO-202 P values vs placebo

RPL554: Marked Reduction in Hyperinflation, Residual Volume (RV, air trapping) as Compared to Tiotropium Alone



Reduction in Hyperinflation (ml) on Day 3

N=27-28



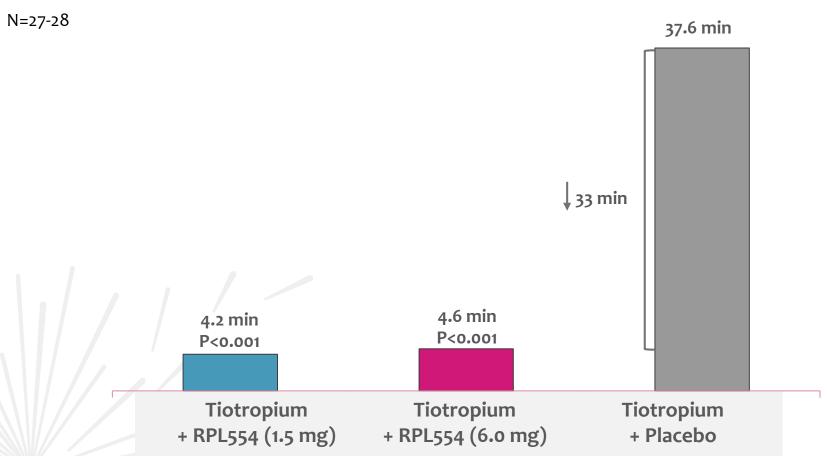
Reduction of hyperinflation is typically correlated with improvement of shortness of breath

Source: RPL554-CO-202 P values vs placebo

RPL554: Combination Increases Speed of Onset of Bronchodilator Effect



Median Time to Onset (≥10% improvement in FEV₁; mins) on Day 3



Reinforces the potential of RPL554 in treating acute exacerbations of COPD

Source: RPL554-CO-202 P values vs placebo

Verona Pharma

RPL554: Well-Tolerated in Completed Clinical Trials

	Placebo (n=31)	RPL554 (n=31)	RPL554 + Albuterol (n=31)	Albuterol (n=32)	RPL554 + Ipratropium (n=33)	Ipratropium (n=32)
Any Treatment Related TEAE	8 (25.8%)	5 (16.1%)	8 (25.8%)	11 (34.4%)	10 (30.3%)	6 (18.8%)
Cough	4 (12.9%)	3 (9.7%)	5 (16.1%)	7 (21.9%)	6 (18.2%)	2 (6.3%)
Dizziness	1 (3.2%)			2 (6.3%)	1 (3.0%)	1 (3.1%)
Dyspnea		1 (3.2%)		2 (6.3%)	1 (3.0%)	1 (3.1%)
Headache	1 (3.2%)	1 (3.2%)		1 (3.1%)		
Palpitations	1 (3.2%)					
Rhinorrhea	2 (6.5%)		1 (3.2%)			

Source: RPL554-009-2015, COPD add-on study; number of subjects with adverse reactions following single dosing of RPL554 with the suspension formulation; events with an unlikely, possible or definite relationship are presented.

Across All Studies

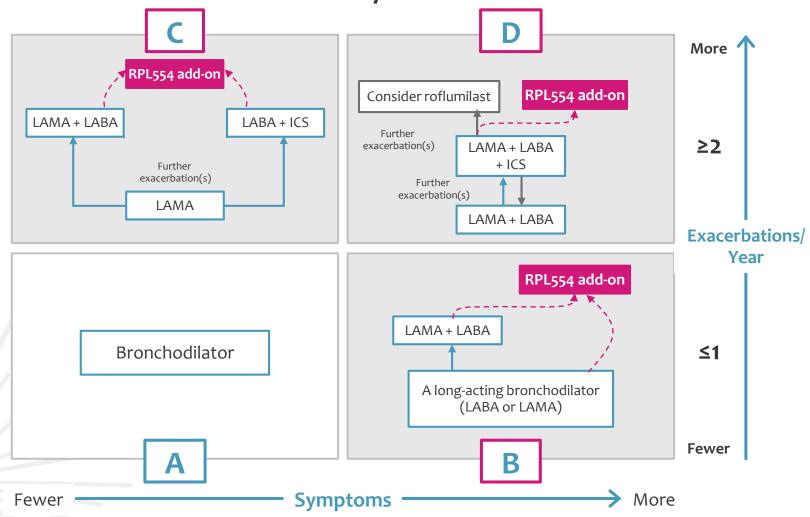
No SAEs or AEs of concern

No PDE4 inhibitor-like AEs

RPL554: Potential to Improve Standard of Care Treatment for More Severe Patients



Based on GOLD COPD Guidelines 2017



CF: A Devastating Orphan Disease





Population:

- Most common fatal inherited disease in U.S.
 - Incidence: ~70K globally; ~30K patients in U.S.

Cause:

Mutations in gene that encodes CFTR protein

Symptoms:

 Inability to clear thickened mucus, impaired lung function and persistent lung infection

Consequences:

- Frequent exacerbations and hospitalization
- No cure
- Median age of death 37 years

RPL554: Potential to Provide Treatment Independent of CF Mutation Status

RPL554: Clinical Trials in U.S. and Europe

Study



Data/Milestones

Study	Study Design	Data/Milestones			
Studies completed – top line data reported Sept 2017					
COPD Phase 2a:	• 30 subjects	• FEV1 improvement of 130mL on			

Study Design

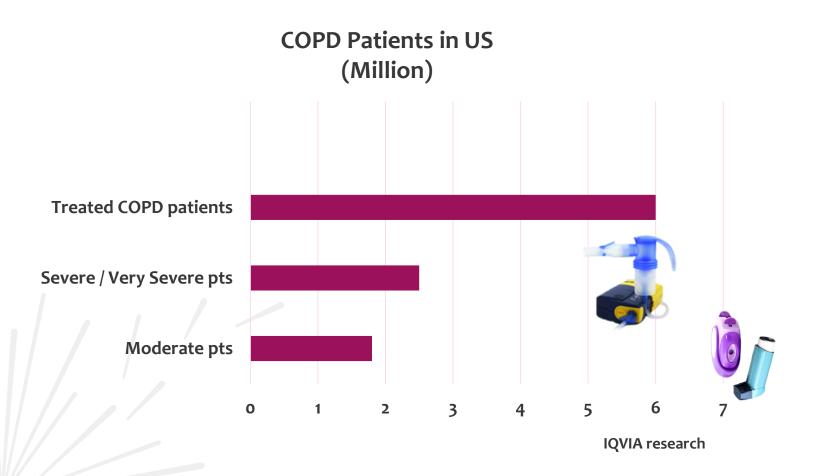
COPD Phase 2a: Add-on Therapy to Tiotropium	 30 subjects Age: 40-75; moderate-severe COPD 2 doses + placebo, 3-way cross- over 	 FEV1 improvement of 130mL on top of Spiriva
COPD Phase 1: PK Study (Determine Oral Bioavailability)	12 healthy subjectsSingle dose	• Low oral bioavailability

Ongoing – new guidance: top-line data available sooner

CF Phase 2a: PK & PD Trial in Adult CF Patients	Up to 10 patientsSingle dose	 Fully enrolled Top-line data now in 1Q18 (previously 1H18)
COPD Phase 2b, 4 week: Maintenance Treatment; No background therapy	 Approximately 400 subjects Age: 40-75; moderate-severe COPD 4 doses + placebo, double- blind 	 Fully enrolled Top-line data now early 2Q18 (previously mid-2018)

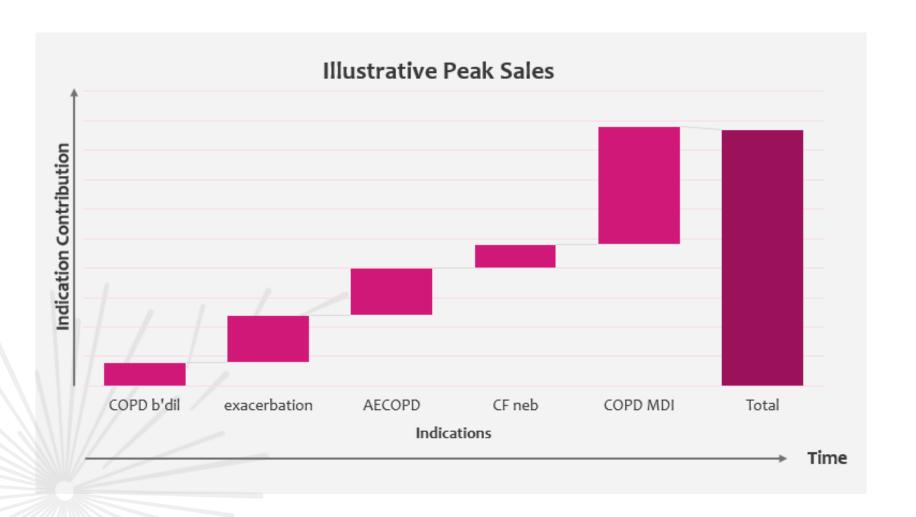
RPL554: Potential to Improve Standard of Care Treatment for Millions of Patients





RPL554: Targeting Multiple Indications Allows Earlier Access to Large Markets





RPL554 IP Summary



Patent Portfolio:

- Composition of Matter granted US, EU, Japan, other; expires 2020
- Polymorphs granted US, EU, Japan, other; expires 2031
- Formulations, combinations, salt forms, use, manufacturing: granted and pending in US, EU, and other territories; expiries 2031 2037
- Additional IP opportunities being explored

Verona Pharma has global rights

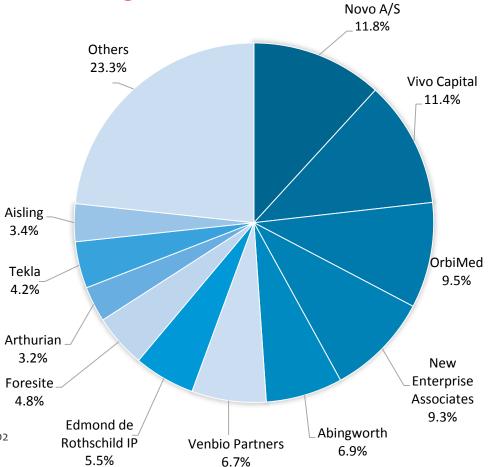
Financial Overview and Shareholder Register



Financial Overview

Cash and Cash Equivalents	\$114.5M ¹ (as of 09/30/2017)
Operating Expenses	\$25.6M ¹ (9 Months Ended 09/30/2017)
Total Equity	\$114M ¹ (as of 09/30/2017)





¹Exchange rate used (US dollars per pound sterling): September 30, 2017 \$1.3402 ²Based on 126m fully diluted shares, \$15.35 ADS price on September 29, 2017

Long-Term Strategy

Acquire or in-license product candidates for the treatment of respiratory diseases

Seek strategic collaborative relationships

Rapidly advance the development of nebulized RPL554 for COPD



Develop RPL554 for CF

Develop DPI and MDI formulations of RPL554

Pursue development of RPL554 in combinations and in other forms of respiratory disease

Experienced Management Team and Board



Management

Jan-Anders Karlsson, PhD Chief Executive Officer

Piers Morgan, MA, ACA Chief Financial Officer

Kenneth Newman, MD, MBA Chief Medical Officer

Richard Hennings, BSc Commercial Director

Peter Spargo, PhD SVP CMC

Claire Poll, LLB Legal Counsel

Desiree Luthman, DDS **VP Regulatory Affairs**

S*BIO RHÔNE-POULENC RORER ASTRA



























Board

David Ebsworth, PhD

• Ex CEO Vifor Pharma; CEO Galenica

Jan-Anders Karlsson, PhD

CEO Verona Pharma

Ken Cunningham, MD

- Chair Abzena plc
- Ex Chair Prosonix; CEO SkyePharma

Rishi Gupta, JD

• Private Equity Partner, OrbiMed

Mahendra G. Shah, PhD

- · Managing Director, Vivo Capital
- Ex Chair CEO, NextWave Pharmaceuticals, First Horizon Pharma

Andrew Sinclair, PhD

· Partner and Portfolio Manager, Abingworth

Vikas Sinha, CPA

• Ex EVP, CFO, Alexion

Anders Ullman, PhD, MD

Ex Head R&D, Baxter Biosciences; EVP R&D, Nycomed Pharma

In team's prior lives ...

involved in successful development / commercialization of many of the drugs used to treat COPD











Large Growing COPD Drug Market



Top U.S. COPD Drug Sales, 2016*

Drug	Туре	Launch	Expiry	Sales (2016)*
Spiriva	LAMA	2002	2018	\$1,900M
Advair	LABA / ICS	1998	2016	\$1,300M
Symbicort	LABA / ICS	2000	2014	\$700M
Atrovent / Ipratropium	SAMA	2005	2007	\$200M
Breo Ellipta	LABA	2013	2021	\$100M
Daliresp	PDE4	2011	2020	\$131M
Brovana** (neb only)	LABA	2006	2021	\$423M

2007

2021

WW COPD Sales



\$178M

(neb only)

Perforomist**

LABA

Source IMS

^{*}Year from Q2 2016

^{**}Only approved in COPD, any off-label use in asthma expected to be limited