



April 1, 2018

Listing Department BOMBAY STOCK EXCHANGE LIMITED P J Towers, Dalal Street, Fort, <u>Mumbai–400 001</u> Code: 532 321

Code: CADILAHC

Listing Department NATIONAL STOCK EXCHANGE OF INDIA LIMITED Exchange Plaza, Bandra Kurla Complex, Bandra (E), <u>Mumbai–400 051</u>

Re.: Investor Presentation

Dear Sir / Madam,

Please find attached the investor presentation to be made to select investors tomorrow i.e. April 2, 2018 at Singapore.

Please bring the above information to the knowledge of investors at large.

The presentation will also be uploaded on the website of the company.

Thanking you,

Yours faithfully, For, **CADILA HEALTHCARE LIMITED** 

 $(\mathcal{B})$ 

UPEN H. SHAH COMPANY SECRETARY

Encl.: As above





### **Cadila Healthcare Limited**

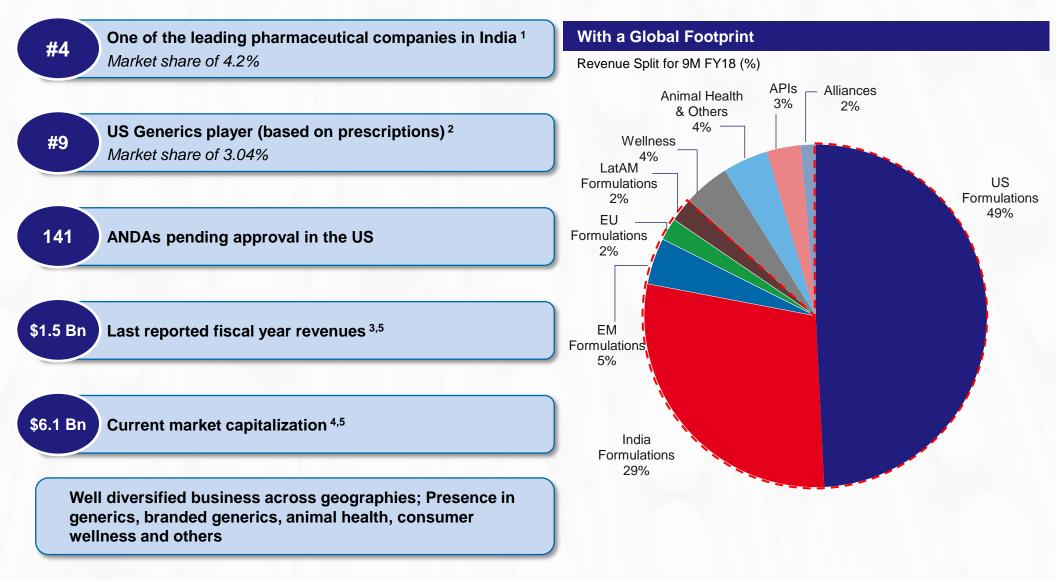
### **Investor Presentation**

March 2018



### **A Leading Pharmaceutical Company**







- INIS Realth, INIS National Prescription Audit, MAT Janua
   For the year ending March 31, 2017
- 4. As of March 26, 2018
- 5. US\$ 1 = INR 64.5

### Vertically Integrated Business Model with Presence Across The Pharma Value Chain



APIs	Generics and Niche Generics	Specialty and Branded Business <sup>(1)</sup>	Biologics and Vaccines	NCEs
<ul> <li>Selective backward integration</li> <li>Niche API supply to key clients</li> <li>220+ scientists</li> <li>132 active DMFs filed with USFDA <sup>2</sup></li> </ul>	<ul> <li>Increased focus on niche categories (Transdermal, Nasals, Modified Release Oral Solids, Topicals etc.)</li> <li>725+ scientists</li> <li>Total 323 ANDAs filed (as of Dec 31, 2017)</li> <li>90+ para IV filings</li> <li>Generating &gt;85% revenues from formulations business across India, U.S. and other markets</li> </ul>	<ul> <li>Focus on pain management, dermatology and oncology products</li> <li>Development of 505(b)(2) opportunities</li> <li>Entered into a partnership to launch.</li> <li>Zypitamag TM (Pitavastatin Magnesium tablets), the first product filed through 505(b)(2) route</li> <li>Acquisition of Sentynl Therapeutics Inc., specializing in pain management</li> </ul>	<ul> <li>Biologics: 21 biosimilars (pipeline and launched) and 6 novel products (pipeline) <sup>2</sup></li> <li>9 launched in India; 4 in Emerging Markets</li> <li>Exemptia<sup>TM</sup> (1<sup>st</sup> biosimilar of Adalimumab) in India</li> <li>100+ scientists,</li> <li>Vaccines: 19 under development (including 7 where marketing authorization has been received)</li> <li>4 vaccines launched</li> <li>~ 50 scientists</li> <li>Dedicated, separate facilities for biologics and vaccines</li> </ul>	<ul> <li>NCEs: 3 NCEs (2 new and 1 existing for new indications)</li> <li>1<sup>st</sup> NCE in India developed in-house by the company: Lipaglyn® (Saroglitazar)</li> <li>Received marketing approval in Mexico for Lipaglyn ™ for 2 indications</li> <li>Phase II trials going on in US for 3 indications of Lipaglyn®</li> <li>280+ scientists</li> <li>Strong scientific advisory board</li> <li>Dedicated research facility</li> </ul>
		manayement		<ul> <li>Dedicated research facility</li> </ul>



### **Key Business Segments**



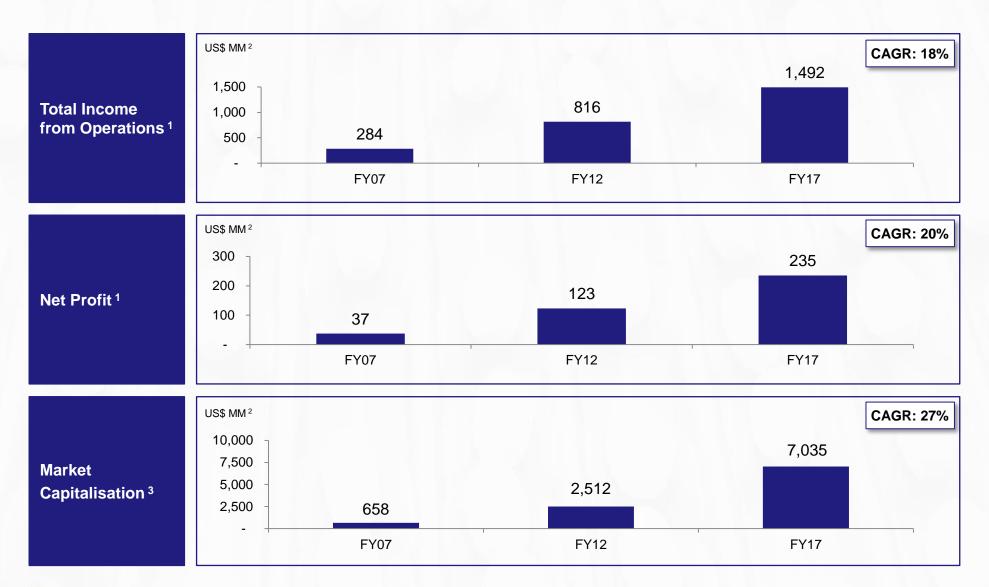


	Key Formulations Businesses	Other Businesses & Alliances	Emerging Businesses
Divisions	<ul> <li>India formulations</li> <li>#4 by value<sup>1</sup></li> <li>4.2% market share <sup>1</sup></li> <li>US formulations</li> <li>#9 by prescription volumes<sup>2</sup></li> <li>3.04% market share <sup>2</sup></li> <li>Latin America</li> <li>Emerging Markets of Asia and Africa</li> </ul>	<ul> <li>EU Formulations</li> <li>Consumer Wellness</li> <li>Animal Health</li> <li>APIs</li> <li>JVs &amp; alliances</li> </ul>	<ul> <li>Biologics</li> <li>Vaccines</li> <li>NCEs</li> </ul>
Key Themes	<ul> <li>Sustainable and profitable growth</li> <li>Significant revenue contribution</li> </ul>	Growth potential in Wellness and Animal Health segments	<ul> <li>Innovative technology with high entry barriers for competition</li> </ul>
In-House Capabilities serving as bedrock of organization	32 manufacturing facilities across India, US, Brazil and Germany Manufacturing	8 R&D sites across India, US and Italy 1350+ scientists R&D Capabilities	Highly experienced and qualified management team People



### **Track Record of Value Creation**







1. FY07 and FY12 financials as per IGAAP; FY17 financials as per IND AS and hence not comparable

US\$ 1 = 64.5
 Market capitalization is calculated by applying the closing price of the financial year



### **Key Business Segments**



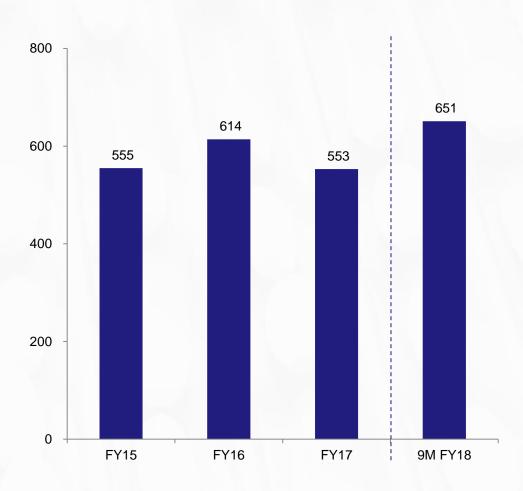


#### **Our US Formulations Business**

- #9 generics player in US (based on prescriptions) with a market share of 3.04%<sup>1</sup>
  - Among top 3 players by prescription in all of top 10 products marketed in the US (Source: IMS Health, IMS National Sales Perspective Audit, MAT January 2018 and IMS National Prescription Audit, January 2018)
- Sale of generic oral solids and injectable products; 100+ products commercialized
- Strong product pipeline
  - 141 ANDAs pending approval (of which 59 Para IV filings)
- Cost efficient manufacturing and supply chain
- Relationships with key wholesalers and retail pharmacy chains
- Entered into a partnership to launch Zypitamag ™ (Pitavastatin Magnesium tablets), the first product filed through 505 (b)(2) route.
- Acquired Sentynl Therapeutics Inc., a US based specialty pharmaceutical company, specializing in pain management segment in Fiscal 2017

#### **Our US Formulation Sales**

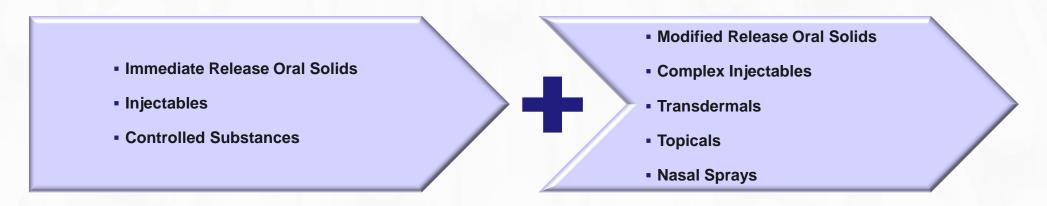
Gross Sales, US\$ MM

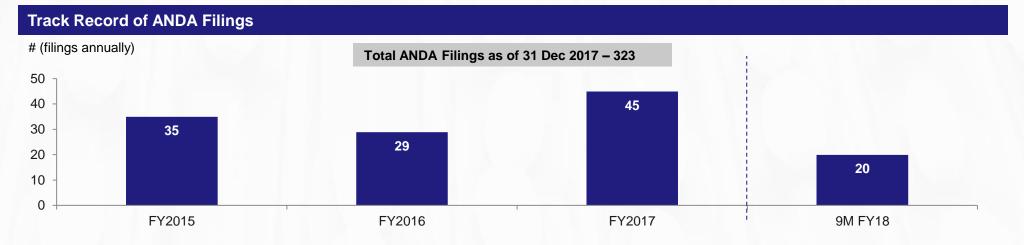


# Strong Filing Track Record and Addition to Capabilities



**Growing Focus on Complex Generics Business** 







### Large ANDA Pipeline With Increasing Focus on **Niche Filings**



#### Approved ANDAs by Type

Nasals

2

Orals -

Modified

Release

38

Topicals

5

As on 31 December 2017

Injectables

9

Oral

Suspension-

1

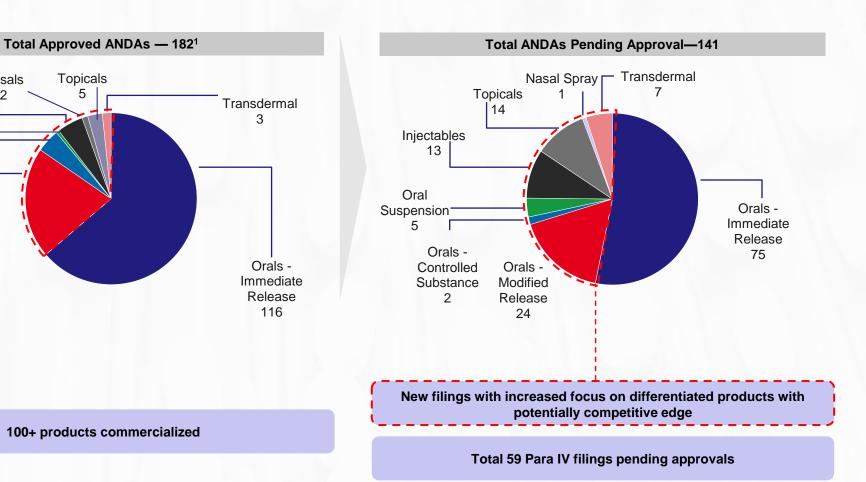
Orals -Controlled

Substance

8



As on 31 December 2017





### **Strong Leadership in India Formulations Business**



#### Leading Player in the \$18 Bn Market of India<sup>1</sup>





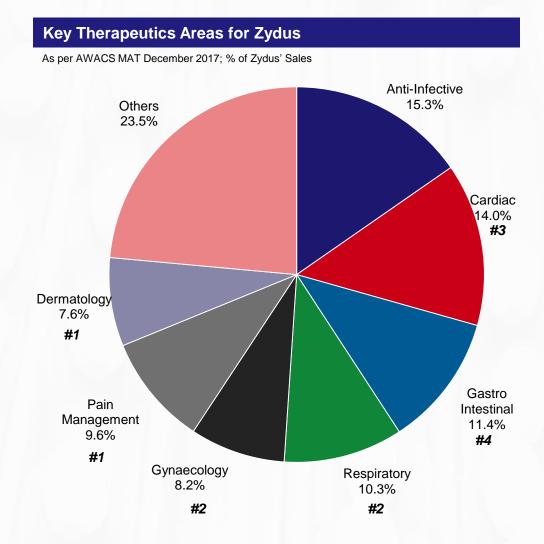


- 1. Source: AWACS MAT December 2017
- 2. FY15 financials as per IGAAP; FY16, FY17 and 9M FY18 financials as per IND AS
- 3. Excludes ~1,450 managers
- Excludes ~ 1,450 ma
   US\$ 1 = INR 64.5

5. Source: AWACS

### Focus on Key Therapeutic Areas in India





Leadership positions (top 3) in Dermatology, Pain Management, Gynecology, Respiratory and Cardiology

Trademark acquisitions to fill the portfolio gaps –acquired trademarks from MSD in men's and women's health

Introduction of biologicals and vaccines products

In-licensing arrangements

Improving field force productivity



# Represents Zydus' ranking in the promoted covered market

### **Other Growing Formulations Markets**



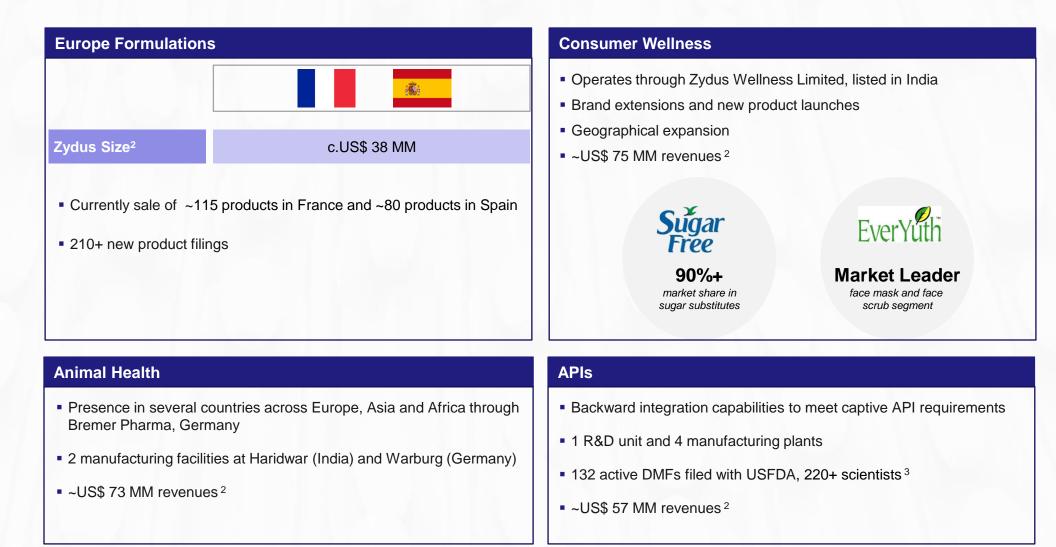
Latin America	Emerging Markets		
Zydus Size <sup>2</sup>	c.US\$ 39 MM	Zydus Size <sup>2</sup>	
Zydus Growth	~6%	Zydus Growth	
<ul> <li>Two large pharmace</li> </ul>	eutical markets in Latin America	<ul> <li>Branded generics and</li> </ul>	nd g
<ul> <li>Branded generics a</li> </ul>	nd generic generics	<ul> <li>One of the leading of</li> </ul>	comp
• Brazil: 80+ filings, 4	15 approvals, ~40 products being sold	Launched 4 biosimil	ars
Mexico: 45 filings, 4	40 approvals, 20+ products commercialized	<ul> <li>Continue to expand markets</li> </ul>	geo
<ul> <li>Focused segments</li> </ul>	(Branded) – CVS, central nervous system,		
female healthcare, h	nepatology and nutraceuticals	<ul> <li>Leveraging existing markets</li> </ul>	port

Emerging Markets		
	Emerging Markets in Asia and Africa	
Zydus Size <sup>2</sup>	c.US\$ 80 MM	
Zydus Growth	~5%	
<ul> <li>Branded generics an</li> <li>One of the leading control</li> </ul>	d generic generics ompanies in several of these markets	
<ul> <li>Launched 4 biosimila</li> </ul>	ars	
<ul> <li>Continue to expand g markets</li> </ul>	geographical presence in select emerging	
Leveraging existing portfolio of India and other regulated		



### **Other Businesses**









#### Value Creation Through Win-win Alliances and Be a Partner of Choice

#### Zydus Takeda JV

- 50:50 JV with Takeda Pharmaceuticals
- Currently manufacturing complex high-end APIs of Takeda
- Commercial supply of 11 products

#### Zydus Hospira JV

- 50:50 contract manufacturing JV with Hospira<sup>1</sup> for cytotoxic injectable products
- State-of-the-art cytotoxic facility which is inspected by leading authorities like MHRA, USFDA, TGA etc.
- Manufactured 15 products which are sold primarily in US and EU

#### **Bayer Zydus JV**

- 50:50 JV with Bayer
- Operates in female healthcare, metabolic disorders, diagnostics, CVS, anti-diabetics and oncology segments in India
- Leveraging strengths of Bayer's optimised product portfolio and Zydus' marketing and distribution capabilities
- JV scope covers launch of innovator products of Bayer in India

#### **Other Alliances**

- 26 ANDAs filed, 19 approved (for partners)
- Out-licensing deal with Abbott for supply of 24 products (with an option to include 39 additional products)
- Out-licensing and distribution arrangements for biosimilars in certain emerging markets like Turkey, Russia, Indonesia and Columbia





### Manufacturing and Innovation



### Strong Base of Cost Efficient and State-of-the-Art Manufacturing Facilities





17 facilities for formulations, 4 for API, 3 for vaccines, 3 for biologics, 3 for consumer wellness and 2 for animal health

Capabilities across platforms - Oral Solids, Controlled Substances, Injectables, Topicals, Lyophilized Injectable, Sprays and Transdermals

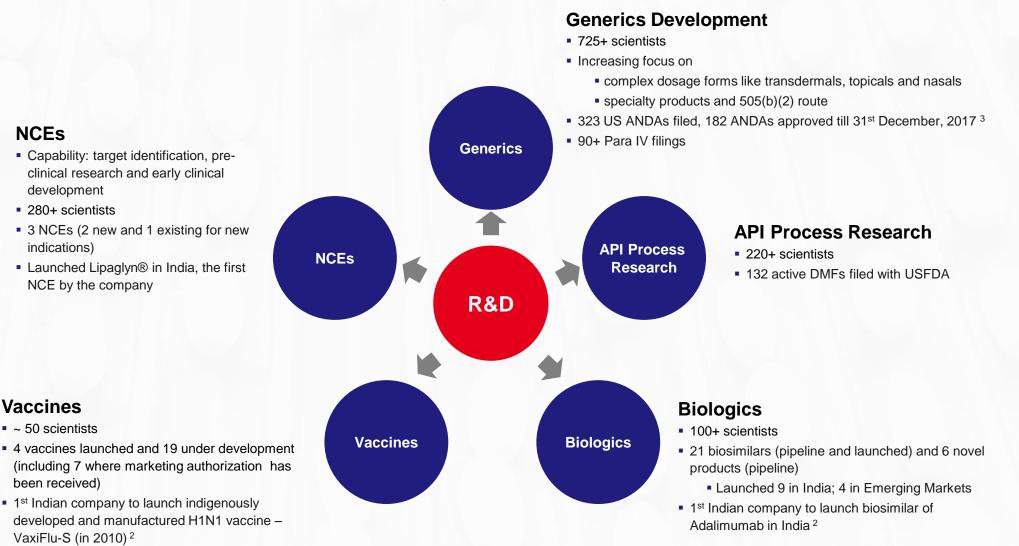
Focus on quality, efficiency and regulatory compliance



### **Key Focus Areas for R&D**



#### R&D expenditure formed ~8%<sup>1</sup> of total operating revenues





Vaccines

**NCEs** 

### **Capabilities in Complex Segments**



#### Biologics

- 21 biosimilars (pipeline and launched) and 6 novel products (pipeline)
  - Launched 9 products in India and 4 in Emerging Markets
  - Launched Exemptia<sup>™</sup> (biosimilar of Adalimumab) – 1<sup>st</sup> company in India<sup>1</sup>
  - Received Marketing Authorization for 2 more products
  - 2 products already in clinical development phase
  - Development of RabiMabs in collaboration with WHO
- Wide range of indications covered including oncology, nephrology, ophthalmology, infectious diseases, osteoporosis, inflammation

#### Vaccines

- Launched 4 products, received marketing authorizations for 7 other
  - First Indian company to launch indigenously developed and manufactured H1N1 vaccine – VaxiFlu-S<sup>1</sup>
- 19 under development (including 7 where marketing authorization has been received)

#### NCEs

- Launched Lipaglyn<sup>®</sup> in India 1<sup>st</sup> NCE developed by the company, for 2 indications (Diabetic Dyslipidemia and Hypertriglyceridemia)
- Received marketing approval in Mexico for Lipaglyn <sup>TM</sup> for 2 indications (Diabetic Dyslipidemia and Hypertriglyceridemia)
  - Phase III trials ongoing in India for 3 indications (Lipodystrophy, NASH<sup>2</sup>, Type 2 Diabetes)
  - Phase II trials ongoing in US for 3 indications (NASH<sup>2</sup>, PBC<sup>3</sup> and Hypertriglyceridemia)
- 2 other NCE molecules under various stages of development
  - ZYH7 (Dyslipidemia)
  - ZYAN1 (Anemia)



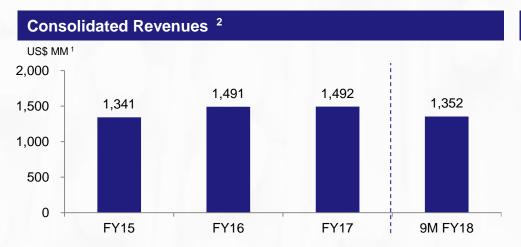


### **Key Financials**

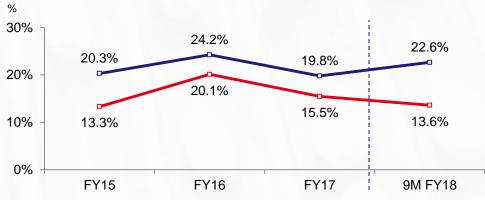


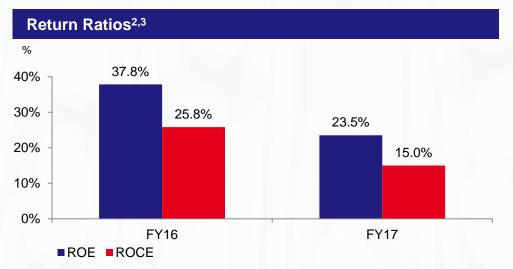
### **Financial Profile**



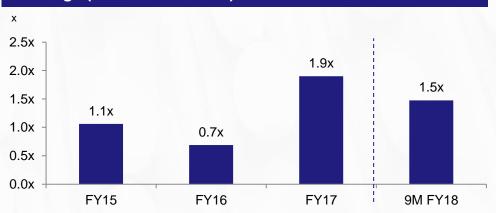








#### Leverage (Net Debt / EBITDA)<sup>2</sup>







2. FY15 financials as per IGAAP; FY16, FY17 and 9M FY18 financials as per INDAS and hence not comparable

3. ROE = PAT / average of opening and closing net worth; ROCE = (Profit after tax + Finance cost net of tax) / average of opening and closing (net worth + gross debt)

### Key Financial Numbers – Q3 FY18



Consolidated (US\$ Mio.) <sup>1</sup>	Amount	Gr.%	Revenue Split Q3 FY18
Total Income from Operations	505	37.9%	APIs Alliances Animal Health 3% 2%
EBIDTA	130	108.1%	& Others
EBIDTA % to Total Income from Ops.	25.8%		4% LatAM Formulations
Profit before tax	112	122.5%	2% EU
PBT % to Total Income from Ops.	22.1%		Formulations 2%
Net Profit	84	67.7%	
Net Profit % to Total Income from Ops.	16.7%		
R&D Spend % to Total Income from Ops.	6.4%		EM Formulations 4%
Debt net of cash (as at 31-Dec-17)	558		India
Capex (Apr – Dec 17)	108		Formulations 29%



### **Strategies For The Future**







### **Building Blocks For Our Strategy**



Regulatory Compliance and Quality	<ul> <li>Focus on best in class manufacturing</li> <li>People training</li> <li>QUEST: Quality Excellence by Sustainable Transformation; Institutionalising a Culture of Quality</li> </ul>
Operational Excellence	<ul> <li>PRISM – cost optimization program adopted in 2002 and institutionalised across the group</li> <li>SLIM - a Strategic, Lean and Integrated Manufacturing initiative</li> </ul>
Innovate For Growth	<ul> <li>Continue to replenish generic pipeline in the US with profitable opportunities – move towards specialty</li> <li>In the branded generics / specialty markets of India and other emerging market to focus on additional growth from more advanced areas like biologics</li> <li>Continue to invest behind, innovate and commercialize opportunities in biologics, vaccines and NCEs</li> <li>Near term focus on emerging markets with longer term potential in developed markets</li> </ul>
M&A	<ul> <li>Selective M&amp;A</li> <li>Complimentary generic assets or technology platforms</li> <li>Specialty or branded assets</li> <li>Consolidation / leadership</li> </ul>





## **Thank You**

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