



# AdAlta

next generation protein therapeutics

**i-bodies** – a new class of protein therapeutics to  
treat human disease

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# Corporate and investment summary

- ▶ A drug discovery and development company focused on using its proprietary technology platform to generate a new class of protein therapeutics, known as i-bodies, for treating a wide range of human diseases
- ▶ **Investment highlights**
  - ▶ Initial focus on treating fibrosis – high unmet medical need
  - ▶ Advanced lead fibrosis drug candidate AD-114 with significant pre-clinical validation
  - ▶ Fully funded for phase 1 development of lead fibrosis drug and i-body pipeline
  - ▶ Early commercialisation potential
  - ▶ Experienced team with strong track record of drug development and ability to deliver

Capital structure	
ASX code	1AD
Shares on issue*	101,037,617
Share price (13 November)	AU\$0.22
Market capitalisation	AU\$22m
Current cash	\$9m
Trading Range	AU\$0.31 to \$0.18

\* 50.9m shares escrowed for 6-24 months from listing

Major Shareholders	%
Yuuwa Capital LP	53.5
Platinum Asset Management	7.97
Citycastle Pty Ltd	5.26
La Trobe University	3.01
Robin Beaumont	1.82
Other shareholders	28.44
Total	100%

# Recent updates

## ► **Manufacturing AD-114**

- FujiFilm Diosynth Biotechnologies currently completing process development, formulation and manufacture of AdAlta's lead i-body molecule AD-114

## ► **Orphan Drug Designation**

- Additional pre-clinical data for AD-114 required by FDA
- Allowing for a standard 120-day review and response time, AdAlta expects to receive a response from the FDA within Q2 2017

## ► **Collaboration with XL Proteins**

- A long-acting form of AD-114 that has a significantly extended plasma half-life would allow less frequent administration and lower dosing, making it ideal for treating chronic indications such as IPF

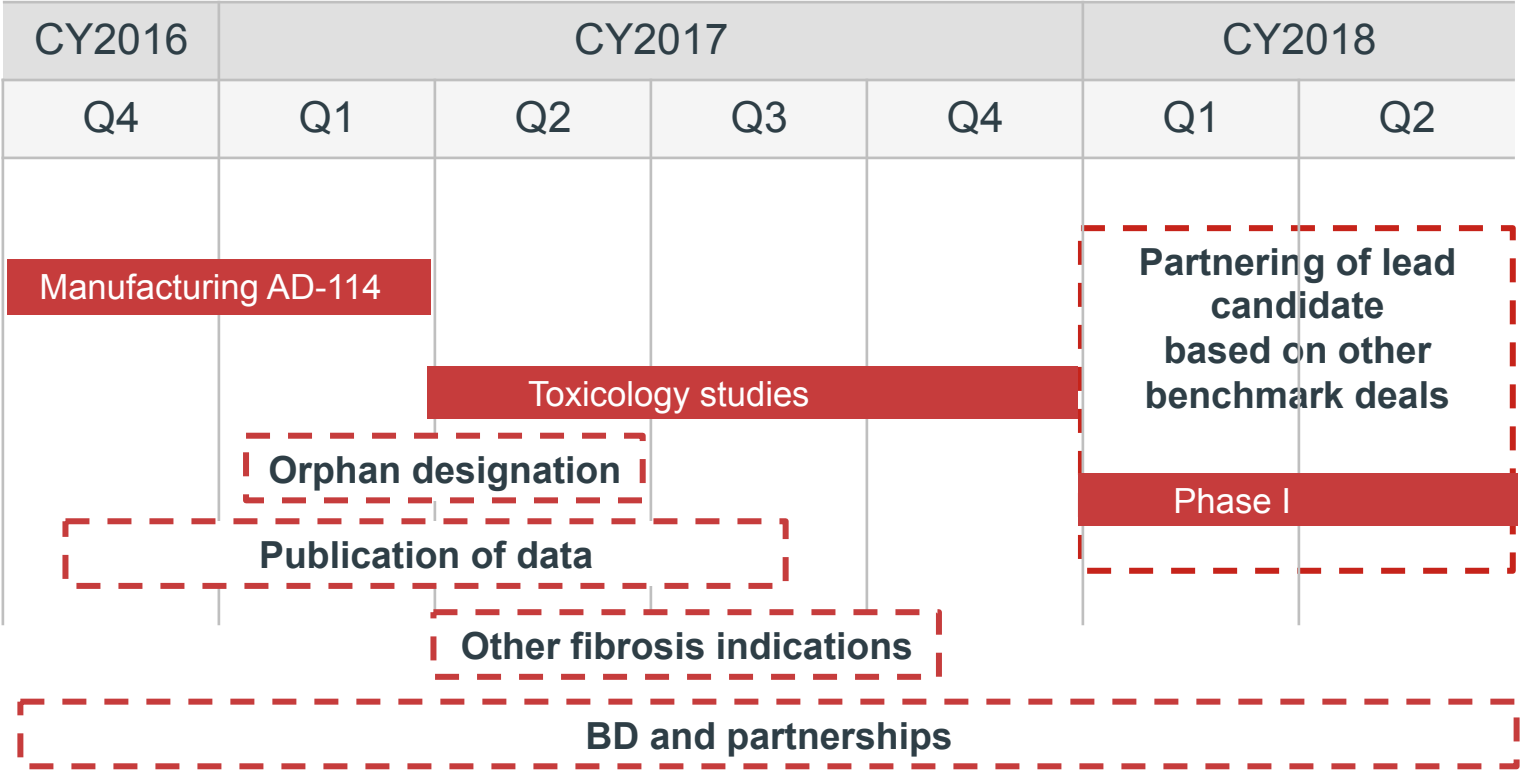
## ► **License to Crossbeta**

- License to three beta-amyloid oligomer (A $\beta$ O)-specific shark antibodies
- All ongoing research and development (R&D) as well as commercialisation will be managed by Crossbeta
- AdAlta will receive royalties on future revenues from successful commercialization

# Financials

- ▶ The Company remains in a solid cash position with ~\$10 million cash in the bank as at 30 September 2016
  - Closed IPO in August 2016, with oversubscribed offer, raising \$10m to advance the lead i-body candidate AD-114 to the clinic for the treatment of IPF
  - Receipt of \$738,208 R&D Tax Incentive and an Innovation Connections Grant
- ▶ This is sufficient to see the development of AD-114 into the clinic
- ▶ R&D expenditure for the September quarter was \$482K, an increase of 25% from the previous quarter and will increase to \$1,605K before the end of December 2016 due to the manufacturing of AD-114
- ▶ Operationally all other expenses remain similar to the previous quarter (excluding listing costs)

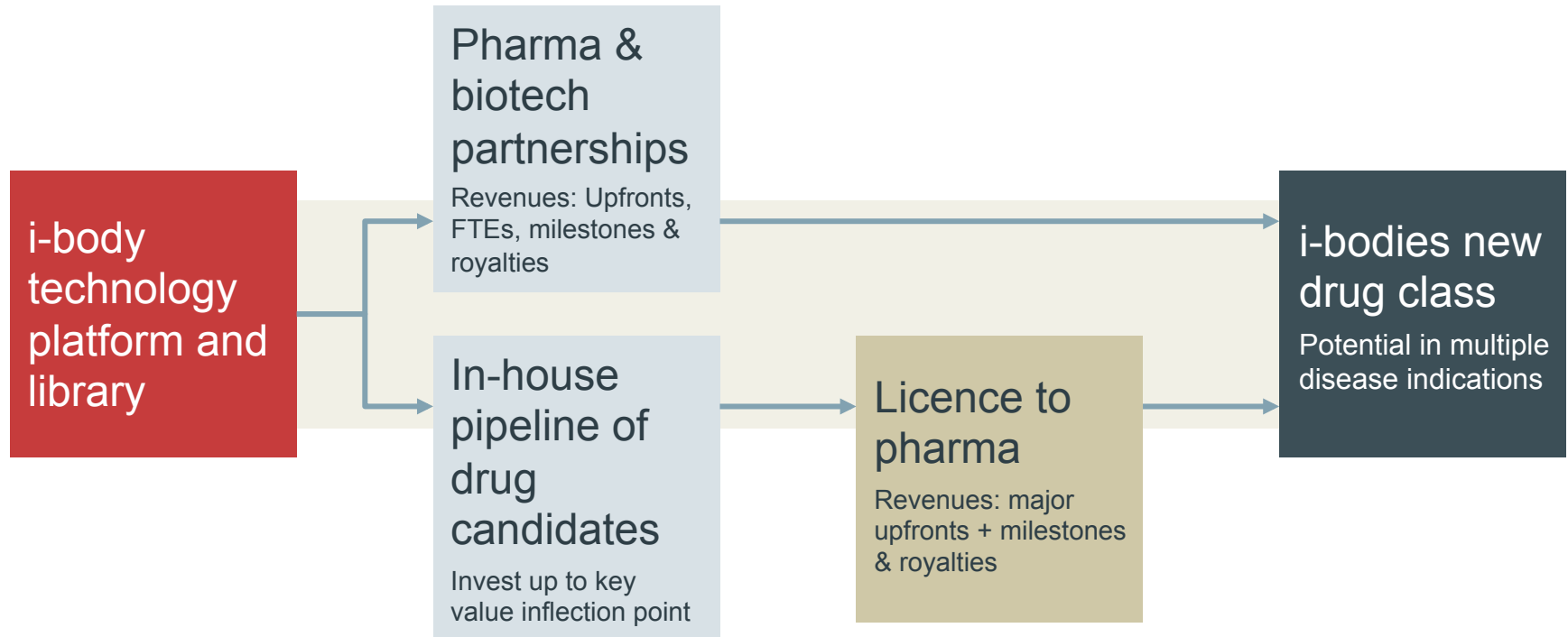
# AD-114 development: key milestones



# Expected newsflow next 12 months

- Q3 2016
  - ✓ Commence manufacturing of material for toxicology testing with FujiFilm Diosynth Biotechnologies
- Q4 2016
  - ▶ Additional AD-114 IPF fibrosis data
  - ▶ Hypertrophic scarring animal results for AD-114
  - ▶ Completion of evaluation of AD-114 with IPF clinicians Alfred Hospital
- H1 2017
  - ▶ Orphan Drug Designation (US FDA)
  - ▶ Presentation at Biotech Showcase, San Francisco
  - ▶ Data available from AD-114 NASH animal studies
  - ▶ Manufactured material for toxicology testing available
- H2 2017
  - ▶ Eye fibrosis additional data, funded by NHMRC development grant
  - ▶ Completion of other pre-clinical study animal models of AD-114
  - ▶ Initial Kidney/Heart data available for AD-114
  - ▶ AD-114 toxicology results

# AdAlta business model – strategy to create value





# Market benchmarks

## Fibrosis lead AD-114



Sep-15 acquired by Roche  
\$105m + \$475m milestones  
phase I asset



Aug-15 acquired by BMS  
\$150m + \$1.25b milestones  
phase IIa asset

**Galecto Biotech AB**

Nov-14 acquired by BMS  
\$444m  
phase I asset

## Next gen antibodies



April-16 with Abbvie  
\$40m upfront + \$645m  
milestones & royalties



Dec -15 with Roche  
\$6.4m upfront + \$410m  
milestones & royalties



Nov-15 with Novo-Nordisk  
€9m upfront + €182m  
milestones & royalties)

## GPCRs



Acquired Feb-15 by Sosei  
\$400m Phase Ib asset + 7 pre-  
clinical leads



Acquired by Celgene July-15  
\$8b Ph III, Ph II and GPCR  
platform



April-16 with Boehringer  
€8m payment for Ph1 GPCR  
nanobody (€125m milestones  
& royalties)

# Management and Board in place to deliver strategy



## **Sam Cobb: Founding CEO and Director**

Extensive experience in raising equity and commercialisation of technology



## **Dr John Chiplin: Independent Director**

Managing Director of acquired antibody company Arana Therapeutics



## **Dr Mick Foley: Founding CSO**

Expert in phage display for screening of the i-body library



## **Liddy McCall & Dr James Williams: Yuuwa Capital Directors**

Founders and investment Directors of Yuuwa Capital



## **Dr Paul MacLeman: Chairman**

Managing Director of a ASX listed IDT Australia Ltd

Founded biologics companies, experienced ASX listed executive



Founders of iCeutica Inc (acquired 2011) and Dimerix Limited

Directors of several Australian biotech and Agritech companies  
Multiple FDA, CE Mark and TGA approvals

# Internationally recognised SAB with proven track record of drug development



## **David McGibney: pre-clinical and clinical advisor**

20 years with Pfizer, including Head of European R&D, developed 10+ blockbuster drugs



## **Brian Richardson: drug discovery and development expert**

Ex-Sandoz and Novartis (40+ years), including Head of Pre-clinical Research



## **John Westwick: pulmonary drug discovery and development**

Over 14 years experience at Novartis, head of respiratory drug discovery, with five product launches and 13 products currently in the clinic

# AdAlta investment summary

- ▶ Powerful proprietary technology platform to develop a pipeline of i-bodies for the treatment of a wide range of human diseases
- ▶ Initial focus on treating Idiopathic Pulmonary Fibrosis and other fibrotic diseases - high unmet clinical need
- ▶ Advanced lead candidate with significant pre-clinical validation of AD-114 demonstrating anti-fibrotic and anti-inflammatory effects
- ▶ Early commercialisation opportunity
- ▶ Experienced management and Board to drive AD-114 development and secure technology platform partnerships and product licensing deals
- ▶ IPO August 2016 raised \$10M to meet major milestones: clinical trials of AD-114 in fibrosis and development of i-body pipeline