

ASX Release

Anatara Investor Presentation

Key points:

- **Anatara to present at Finance News Network CEO Conference (Sydney) and Gold Coast Investment Showcase this week**
- **Updated investor presentation attached to this release**
- **Anatara has a natural alternative to the widespread use of antibiotics**
- **Focus now includes animals (livestock) and human applications**

BRISBANE, 20th June 2016: Anatara Lifesciences (ASX:ANR) is pleased to release a copy of the presentation that Chairman, Dr Mel Bridges will be presenting at the Finance News Network CEO Conference and the Gold Coast Investment Showcase this week.

Presentation highlights include:

- Data on the growing need for a safe and effective alternative to the use of antibiotics in the production of livestock animals and in humans
- An outline of the clear path to market for Anatara's lead compound, Detach™ - a safe, naturally derived alternative to the use of antibiotics to control diarrhoea, with Australian market launch for Detach™ in pigs planned for 2017
- A summary of the exclusive option to licence Detach™ for worldwide commercialisation with leading animal health company, Zoetis, and
- More information on the recently announced research and development collaboration with The La Trobe Institute for Molecular Science, aimed at developing active components within Detach™ for the treatment of inflammatory diseases in humans and in companion animals

Details for Dr Bridges' presentations are as follows:

- Finance News Network CEO Conference: from 12:30pm, 21st June 2016 at the ASX Auditorium, 18 Bridge Street, Sydney
- Gold Coast Investment Showcase: from 3:30pm, 22nd June 2016 at Marriott Resort & Spa Surfers Paradise, Queensland

The Anatara team plans a further market update and extensive investor roadshow in July.



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About Anatara Lifesciences

Anatara Lifesciences is developing therapeutics for gastrointestinal diseases in production animals and humans. Its lead product Detach™ is a natural plant based product that will help address global concerns around the overuse of antibiotics in production animals that is contributing to the rise of so-called “super bugs” that make infectious diseases harder to treat. The Anatara team has a strong track record in biological science as well as building and growing international biotech companies.



ANATARA
LIFESCIENCES

Natural Alternative to Antibiotics

June 2016



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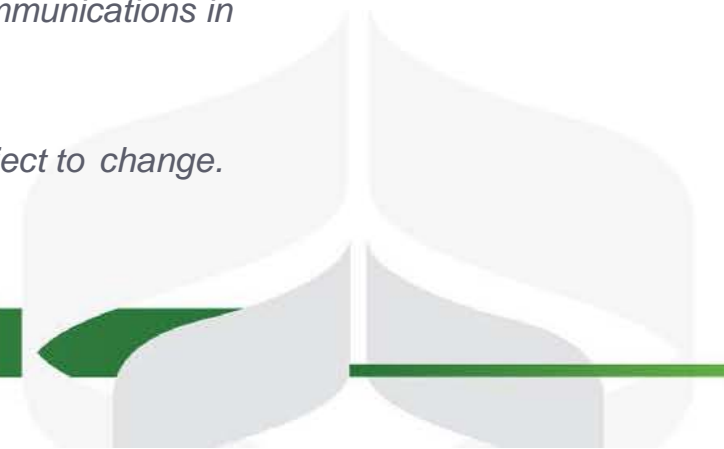
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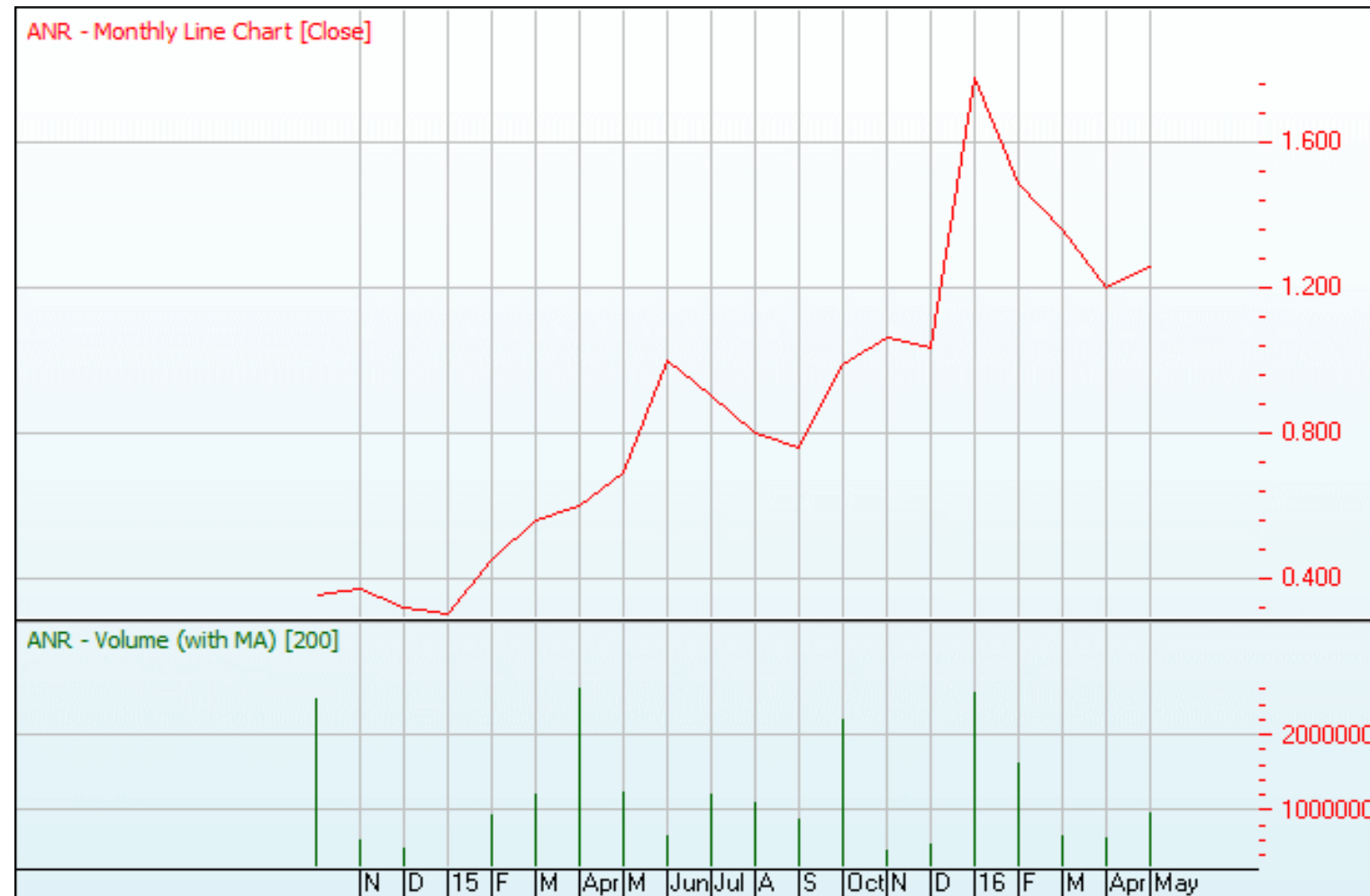


Key Financial Details

ASX Code	ANR
Share Price ¹	\$1.20
Market Cap	\$59 million
Ordinary Shares ²	49,288,246
Raised at IPO (October 2014)	\$7 million
Placement and SPP (July 2015)	\$9 million
Current Cash ¹	\$13.8 million
<p>1. As at 31 May 2016</p> <p>2. 13,036,095 shares held by directors, other related parties, and persons who have received shares from these parties are subject to escrow for 24 months from the date of Anantara's listing on the ASX.</p>	



ASX:ANR Share Price Chart



Oral therapeutics for gastrointestinal disease in livestock and humans

Detach™

- Natural, non-antibiotic therapeutic that prevents and treats gastro diseases including diarrhoea
- Meets the need to reduce antibiotics in animal production
- Unlike antibiotics, Detach™ will not contribute to antimicrobial resistance



Need to combat anti-microbial resistance

- Anti-microbial resistance is a worldwide threat to public health
- Tens of thousands of people die every year because of antibiotic resistant bacteria – so called “Super Bugs”
(USA CDC, WHO)
- Antibiotic resistance is driven by antibiotic overuse — in man and animals
- World authorities are banning growth promoting antibiotics and restricting prophylactic antibiotics in animal production



Lead Indication – Pigs

Diarrhoea affects hundreds of millions of piglets born each year



Market Opportunity is clear

- Growing awareness of urgent need to combat anti-microbial resistance
- Demand for non-antibiotic treatments will rise as authorities act to restrict/ban use of antibiotics in farm animals
- Global animal antibiotic market valued at ~ \$4.63 billion in 2014¹. Production animals 70%. Pigs lead by market share of 25%.
- Consumers want their meat to be safe and retailers are demanding antibiotic free produce
- Pork producers need effective alternatives to antibiotics
- Pork is #1 consumed meat in the world. Global demand for meat is rising
- Detach can be developed for chickens, calves and humans



Consumer Pressure

- Food Quality & Food Safety

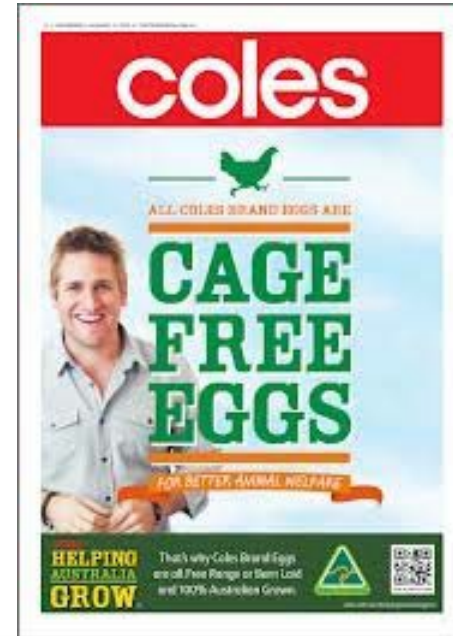


- McDonald's will stop buying chicken reared on antibiotics used in humans within two years (*March 2015*).
- McDonald's is the largest restaurant chain in the world — this move had a major impact on other retailers and will now affect consumer expectations – and how animals are reared



Consumer Pressure

ConsumerReports[®] meat on drugs



Anatara – A Solution

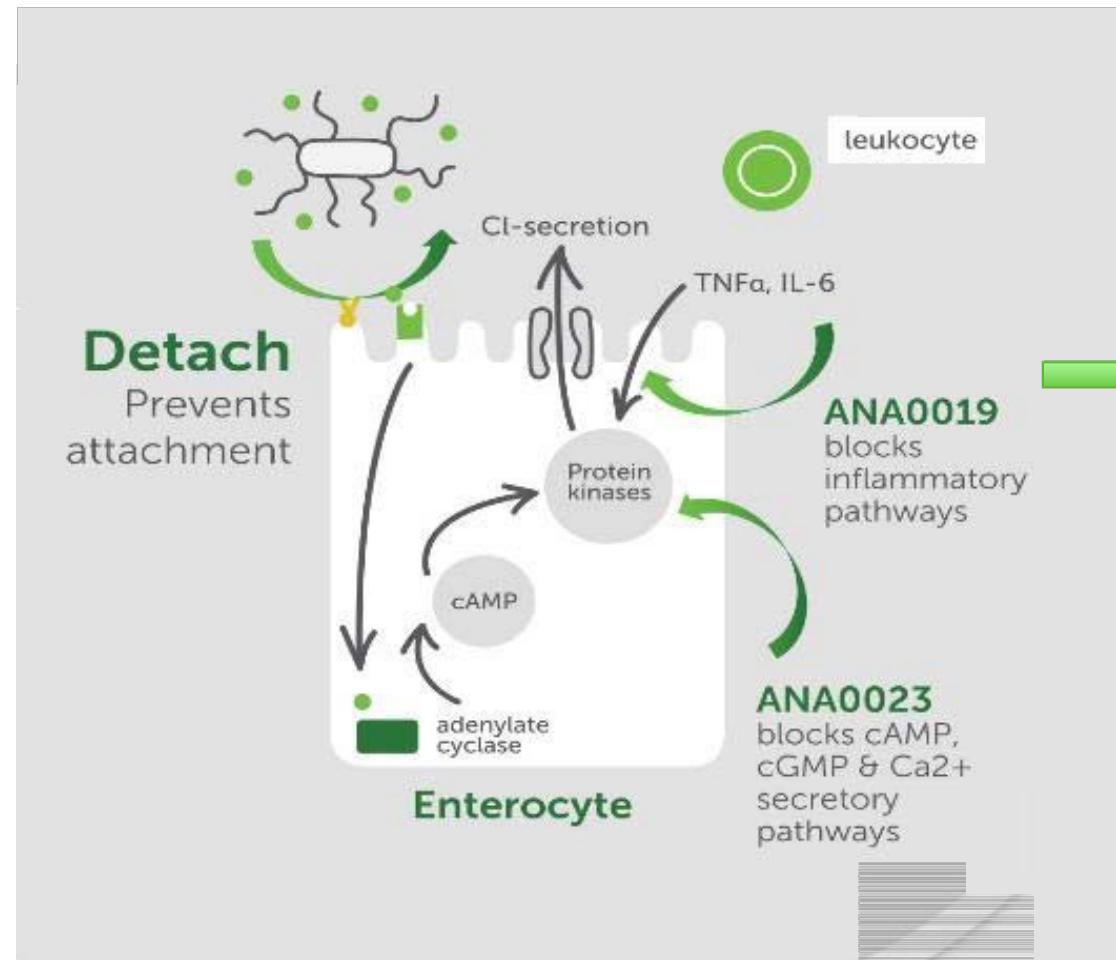
- Detach™ is an orally administered non-antibiotic anti-infective
- Proven efficacy – evidence-based therapeutic claims
- Proven safety - active ingredient is a natural plant based product
- Broad acting against a range of causes of diarrhoea
- Stable - does not require refrigeration
- Unlike antibiotics, Detach™ will not lead to antimicrobial resistance
- Proven economic benefits for farmers
- Strong Intellectual Property portfolio



Detach™ Mode of action

Detach™ does not target the pathogen

Detach™ acts on the underlying cause of diarrhoea



Anti-inflammatory opportunities

1. Chandler and Mynott. 1998. *Gut* 43:196-202.
2. Mynott, et al., *Gut* 38:28-32.
3. Mynott, et al. 1997. *Gastroenterol.* 113:175-184.
4. Mynott et al. 1999. *J. Immunol.* 163:2568-2575



Detach™

Poised for swift market entry

- Launch planned in Australia for 2017
- Has a clear path to market
 - *Proven efficacy (therapeutic claims)*
 - *Proven safety - active ingredient is GRAS (generally recognised as safe)*
 - *Manufacturing complete at commercial scale and global supply confirmed*
 - *Regulatory route defined*
- Addresses a major demand – Need for non-antibiotic alternatives
- Introduction of Detach™ is supported by Industry, Government, Retailer & Consumer demand



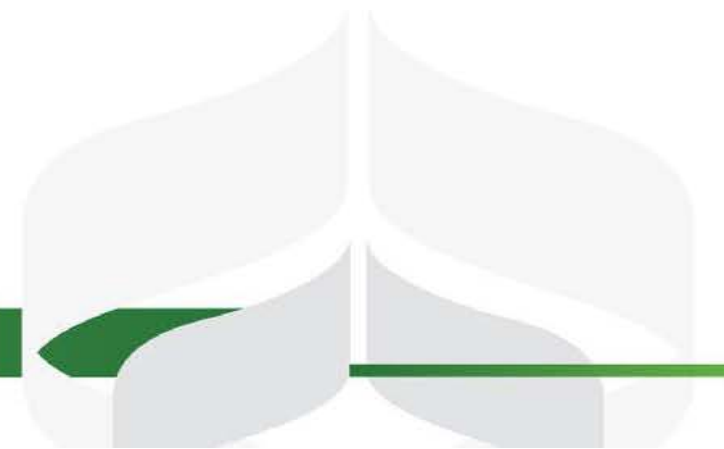
Current 50 kg scale
(≈500,000 doses)



1,000 kg capacity
(≈8,500,000 doses)

Exclusive Option to license Detach™ for worldwide commercialisation with Zoetis

- Aggressive program for evaluation of Detach™ in multiple livestock species
- Zoetis will fund cost of validation trials
- Upfront and subsequent cash payments
- Further strengthens Anantara Balance Sheet
- IP remains the sole property of Anantara
- Anantara retains rights to AUS and NZ
- Validation of Detach™ technology



What Next?

Anatara - A Pipeline in a Product

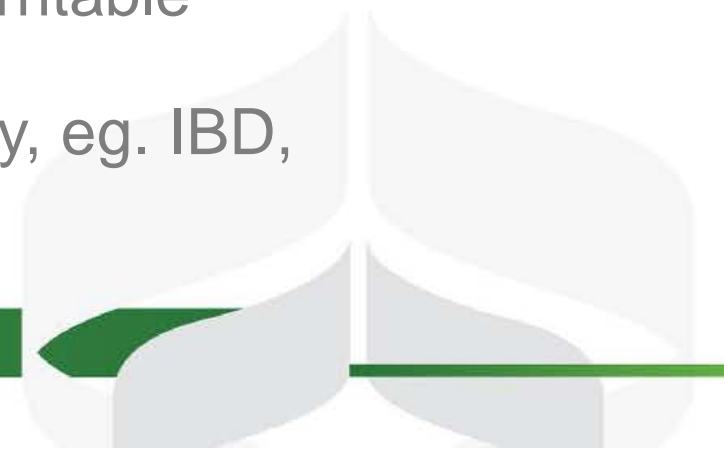
Other Detach™ presentations:

- Livestock in-feed
- Livestock in-water

Potential product extensions for the core components of Detach™

Partnering Opportunities for:

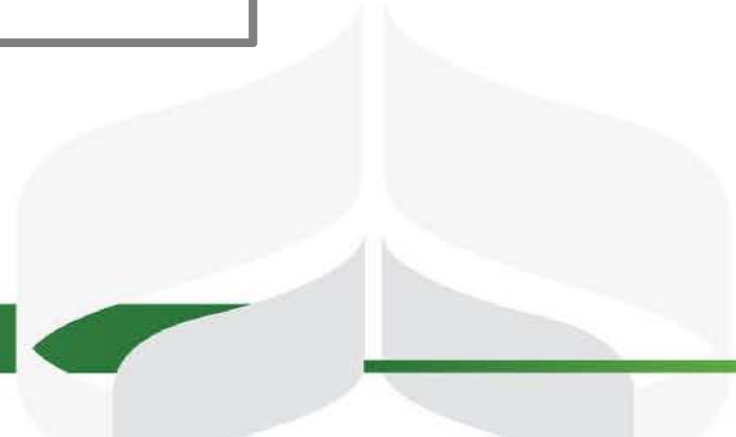
- Companion animals (cats & dogs – eg. atopic dermatitis)
- Over-the-Counter (OTC) for humans (diarrhoea; anti-inflammatory, eg. inflammatory bowel disease, irritable bowel syndrome)
- Human therapeutic (diarrhoea; anti-inflammatory, eg. IBD, IBS; cancer; lupus)





Human Applications

“There are 4 billion episodes of diarrhoea in the world annually. Diarrhoea is the second cause of death in children under 5 years, and leading cause of malnutrition.”



Human Applications

- No product available that prevents all causes of gastrointestinal diseases
- Diversity of diarrhoea poses a difficulty for drug developers

Gastro Related Disorders/Diseases

- Inflammatory bowel disease (1.4 million in USA, 2.3 million in EU & Australia)
- Irritable bowel syndrome (10% - 15% of population)

Traveller's Diarrhoea

- >50 million Traveller's at risk per year, rising to >100 million by 2020.
- TD is a threat to military efficiency, and development preventative treatment is a priority for the US Army

Developing Countries

- Second cause of death in under 5's; 1.3 million deaths per year.
- Leading cause of malnutrition; physical and cognitive development issues.
- Significant risk factor following natural disasters.

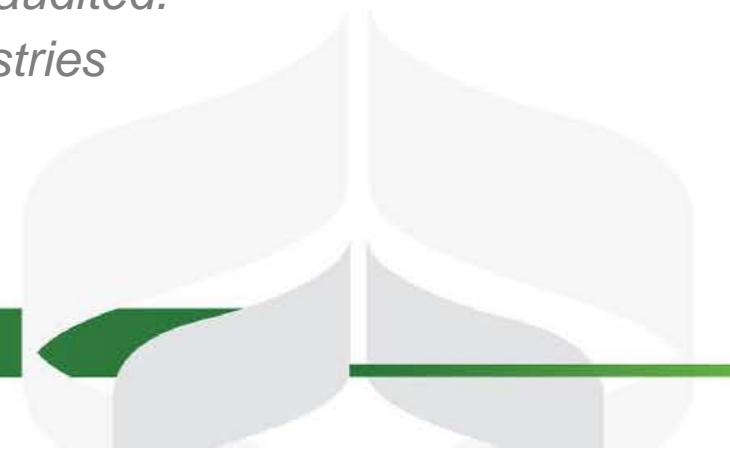
USA

- ~ 211-375 million episodes of diarrhoea each year.
- 116 million people take anti-diarrhoea medication (31%). 19 million received anti-microbial (5%)



Anatara Investment Overview

- Experienced Board and management team with proven track record
- Lead product, Detach™ has a clear route to market:
 - Commercially validated and proven efficacy
 - Development strategy de-risked and revenues within 2 years
- Well funded – sufficient to launch Detach™ in AU, EU and USA
- Product pipeline – animal product leads to human product development for partnering / licensing
- Seasoned Operational Team:
 - Regulatory – *Experienced Australia, EU and USA Team*
 - Manufacturing - *TGA and APVMA licensed GMP facility. FDA audited.*
 - Clinical Trials - *Department of Environment and Primary Industries*





Thank you

“With the world’s meat production needs set to rise 100% by 2050, it is important we act now to develop non-antibiotic treatment options.”

Dr Mel Bridges, Chairman – Anatara Lifesciences

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