Recce Pharmaceuticals

ASX:RCE FSE:R9Q

Annual General Meeting

22 November 2021

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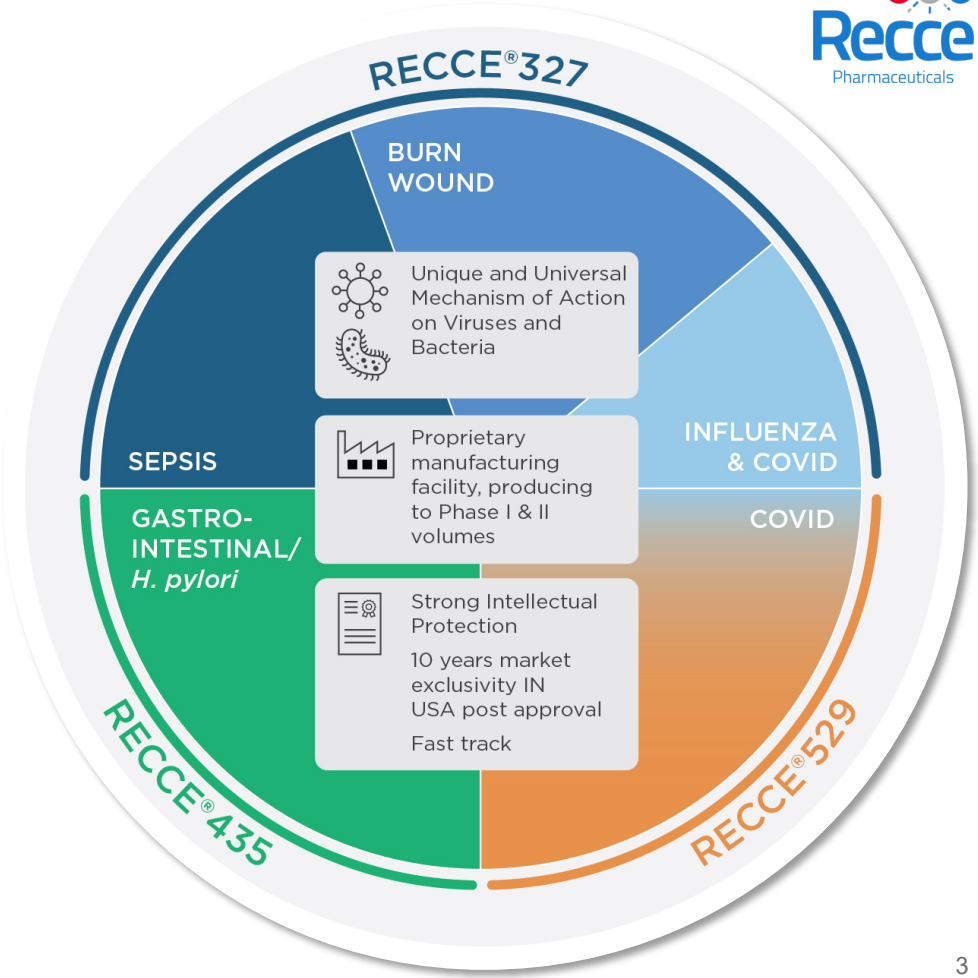
12 Months of Announcements

Since our last AGM:

- Anti-Viral Patent Granted in Japan for RECCE® Anti-Infectives **(23/11/20)**
- Recce Awarded AusIndustry Advanced Overseas (R&D) Finding for Synthetic Antibiotic Development Program **(26/11/20)**
- Recce Awarded AusIndustry Advanced Overseas (R&D) Finding for Synthetic Anti-Viral Development Program **(8/12/20)**
- Positive Intranasal Animal Data against SARS-CoV-2 in International Study **(23/12/20)**
- R&D Incentive Rebate Received **(3/2/21)**
- Encouraging Results from Anti-viral Screening Program at The Doherty Institute Evaluating R327 Against SARS-CoV-2 **(12/2/21)**
- Fiona Stanley Hospital Phase I/II Clinical Trial Evaluating Topical Spray-On Antibiotic R327 on Chronic Burn Wounds **(16/2/21)**
- Recce Pharmaceuticals Applies for Dual Listing on FSE (Frankfurt Stock Exchange) **(24/2/21)**
- Recce Pharmaceuticals Dual Lists on Frankfurt Stock Exchange **(8/3/21)**
- Recce Pharmaceuticals Presenting at the H.C. Wainwright Global Life Sciences Conference **(10/3/21)**
- The Pew Charitable Trusts adds Recce's Lead Compound R327 to List of Antibiotic Treatments in Clinical Development **(15/3/21)**
- Anti-Viral Patent Granted in Europe for RECCE® Anti-Infectives **(30/3/21)**
- Positive Sinusitis Data Against Infection **(1/4/21)**
- Positive Sinusitis Patient Update - Special Access Scheme **(7/4/21)**
- R327 Registered in the Australian New Zealand Clinical Trials Registry for Phase I/II Topical Burns Study in Humans **(15/4/21)**
- Positive Data on Bactericidal Activity of R327 Against All Six ESKAPE Pathogens **(4/5/21)**
- R327 Progresses to Stage 2 of SARS-CoV-2 Antiviral Screening Program at CSIRO **(19/5/21)**
- R327 Demonstrates World First Multiple Mechanisms of Action against *E. coli* bacteria **(27/5/21)**
- Recce to Present at MST Access Investor Conference **(17/6/21)**
- Recce Pharmaceuticals to Present at World Microbe Forum **(18/6/21)**
- Bonus Canadian Scientific Research & Experimental Development Rebate Received **(5/7/21)**
- Multiple Patients Dosed in Topical Phase I/II Clinical Trial **(12/7/21)**
- R327 Demonstrates Outstanding Efficacy Against Necrotizing Fasciitis 'Flesh-Eating' Bacteria **(19/7/21)**
- Anti-Viral Patent Granted in China for RECCE® Anti-Infectives **(20/7/21);**
- Anti-Viral Patent Granted in USA for RECCE® Anti-Infectives **(22/7/21)**
- Recce Pharmaceuticals Receives Entrepreneurs' Programme Innovation Connections Grant **(11/8/21)**
- R327 Trial Registered in the Australian New Zealand Clinical Trials Registry for Phase I Intravenous Study in Humans **(30/9/21)**
- Recce Pharmaceuticals Receives Ethics Approval to Start Phase I Intravenous Clinical Trial of R327 **(25/10/21)**
- Recce Pharmaceuticals Opening R&D Address at World Anti-Microbial Resistance Congress 2021 **(8/11/21)**

A Versatile Technology Platform

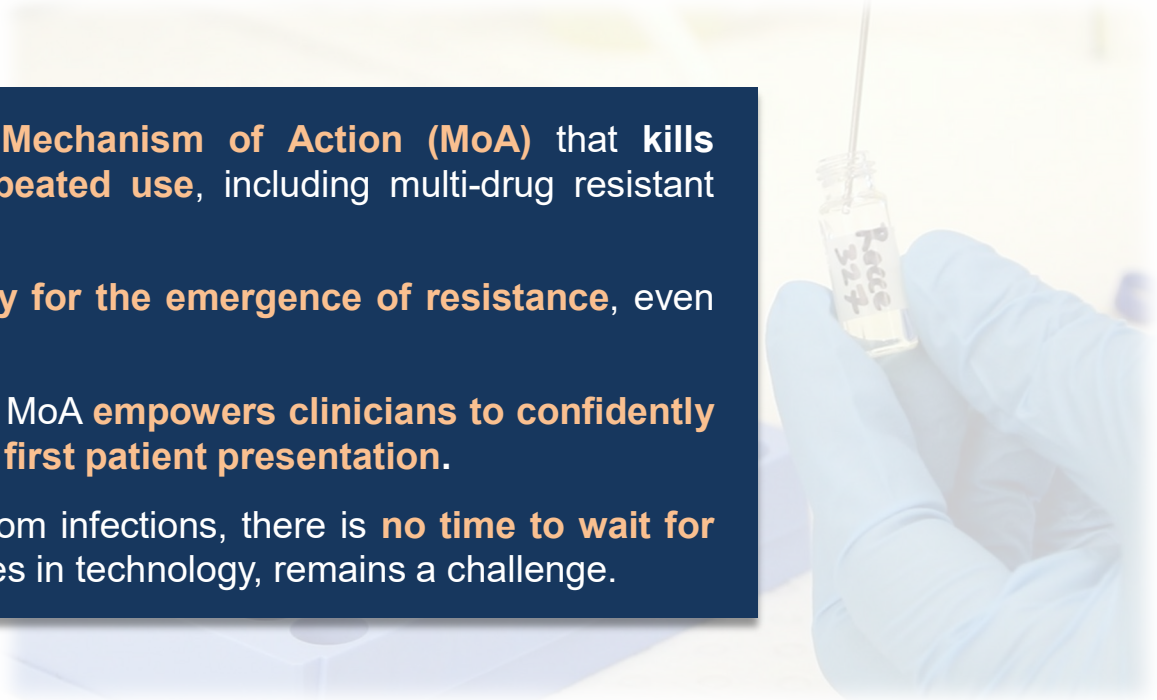
- **Anti-infective** focused Biotech company targeting both bacterial and viral indications.
- **Strong IP** and **own manufacturing** capability.
- **Versatile platform** delivering oral, intravenous and spray formulations for a range of use-cases.
- Designed to safely provide treatment **without developing resistance** over time.
- Multiple clinical opportunities with R327 interim **first in human** data expected in 2021.



Recce's Anti-infective Platform:

Addressing the Historic Lack of Innovation

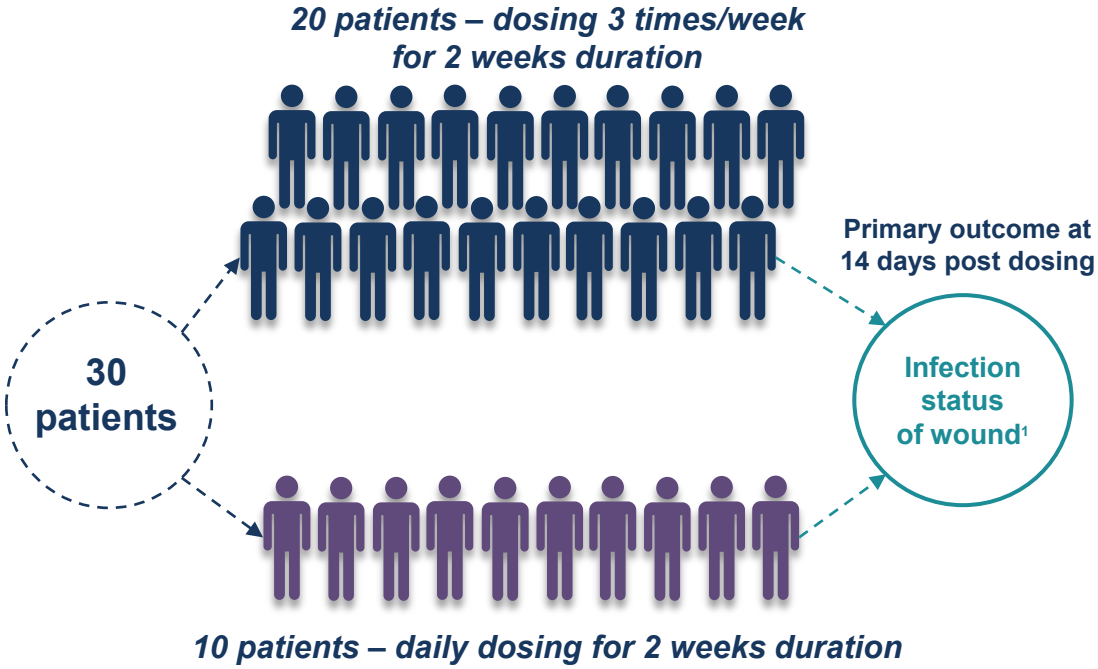
- R327 has a **universal, multi-layered Mechanism of Action (MoA)** that **kills bacteria** and **keeps on killing with repeated use**, including multi-drug resistant superbug forms.
- Recce's anti-infectives show **no tendency for the emergence of resistance**, even after repeated use.
- Broad-spectrum capability and fast-acting MoA **empowers clinicians to confidently and quickly administer the antibiotic at first patient presentation.**
- When patients are rapidly deteriorating from infections, there is **no time to wait for clear diagnostics** which, despite advances in technology, remains a challenge.



https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4888801/

Topical RECCE® 327 - Phase I/II

- **Phase I/II** to assess Topical R327 Topical in burn wound infections.
- Sponsored by the South Metropolitan Health Service, Department of Health, Government of Western Australia.
- **Multiple patients have been dosed with R327.**
- **Trial Investigators:**
  - Dr Edward Raby (Clinical Microbiologist and Infectious Diseases expert at Royal Perth and Fiona Stanley Hospitals);
  - Professor Fiona Wood (Head of Burns) – world-renowned burns specialist and spray-on skin pioneer;
  - Dr Chris Heath (Head of Infectious Diseases).
- Data expected in CY Q4 2021



1 - Using the consensus clinical criteria of the International Wound Infection Institute

Topical Burns Study

Bacteria we've come across so far…

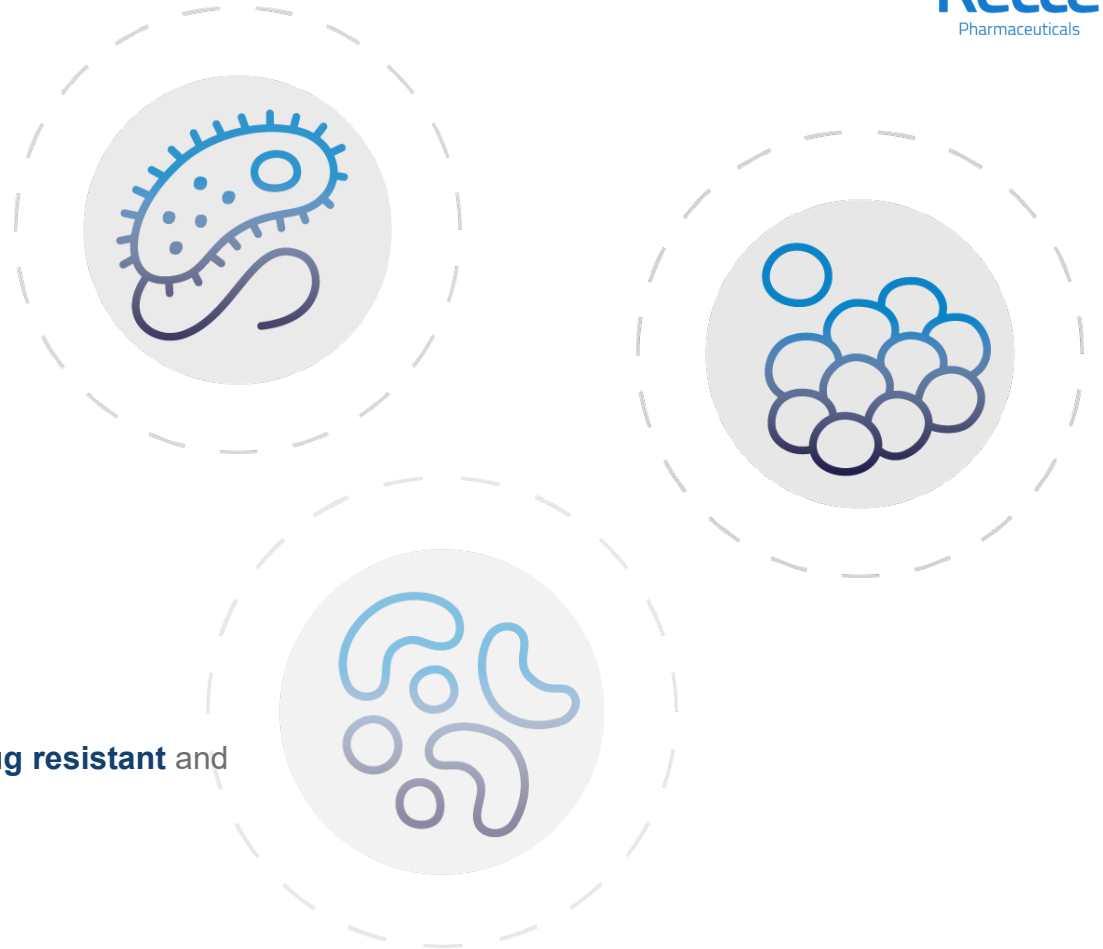
Gram-positive

- *Staphylococcus aureus*
- *Staphylococcus lugdunensis*

Gram-negative

- *Pseudomonas aeruginosa*
- *Klebsiella pneumoniae*
- *Morganella morganii*
- *Proteus vulgaris*
- *Proteus Mirabilis*

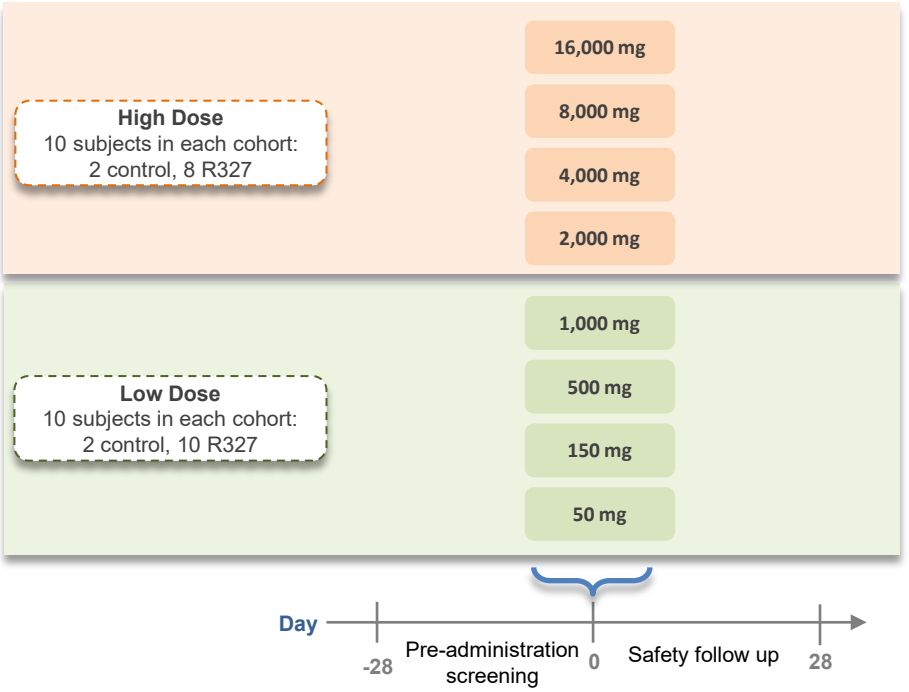
- Bacterial species encountered often **Multi-drug resistant** and especially include those with **biofilms**



Phase I Human Clinical Trial

- **Study to assess IV infusion of R327 in 80 healthy male subjects as a single ascending dose.**
- Formal subject recruitment expected to open for enrolments shortly.
- Randomized, double blind, placebo controlled, safety, tolerability and pharmacokinetics study.
- Single dose of a 1-hour via IV infusion at a uniform rate in hospital setting.
- Primary endpoint: vital signs, 12-lead ECG parameters, clinical chemistry, hematology, and urinalysis.

Interim data expected late 2021
Full data expected H1-2022



6 months* Ahead – Global Infectious Disease Crisis!

Clinical

- **Phase I (R327) Intravascular Clinical Trial – Patient dosing on track for December**
- **Phase I/II (R327) spray-on antibiotic burn wound studies – Broad Spectrum antibiotic resistant infections among patients dosed**

Pre-Clinical

- **Murdoch Children's Research Institute** - *H. Pylori, Sinusitis in-vivo* studies, dose optimisation
- **Mechanism of Action studies –** Expanded mechanistic insights, journal submission/s – world first
- **R327 Australia COVID studies –** Advanced to Stage 2 of the program
- **R327 & R529 COVID (US) –** 'gold standard' animal study model underway

Corporate

- **Continue big-pharma discussions** – position of power with unique MoA & strong cash position
- **Expand international awareness** – particular focus on USA and EU
- **Intellectual Property will continue to strengthen** – Strong patent standing & Regulatory Incentive Focused
- **New Clinical trials to begin** – Expect existing activities to bring online new clinical trials e.g. *diabetic foot ulcers*

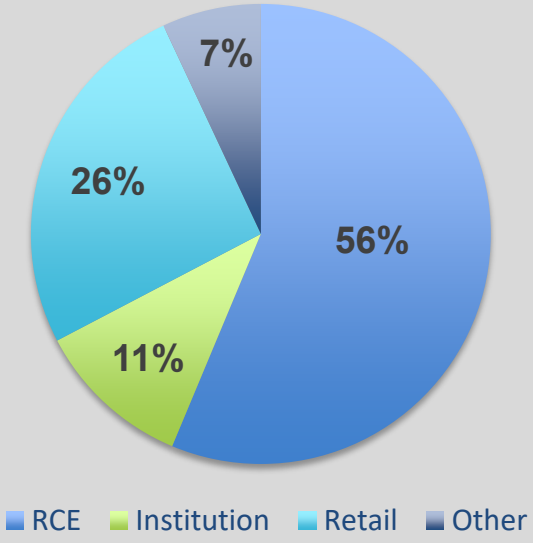
**For illustrative purposes only – may not be representative of all activities in respective areas of business during this time*

Recce Pharmaceuticals Ltd – Capital Structure

Snapshot

Tickers	ASX:**RCE**, FSE:**R9Q**
Amount Raised to Date	**AUD $46 million**
Market Cap (approx.) 19 November 2021	**AUD $148.6 million**
Cash and deposits 31 October 2021	**AUD $18.6 million**
Outstanding shares	**173.8 million**
Average daily volume 3 months	**155.79K**

Top 20 Shareholders Distribution



Thank you

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