



ASX:RCE FSE:R9Q

# *Annual General Meeting*

22 November 2021

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# 12 Months of Announcements

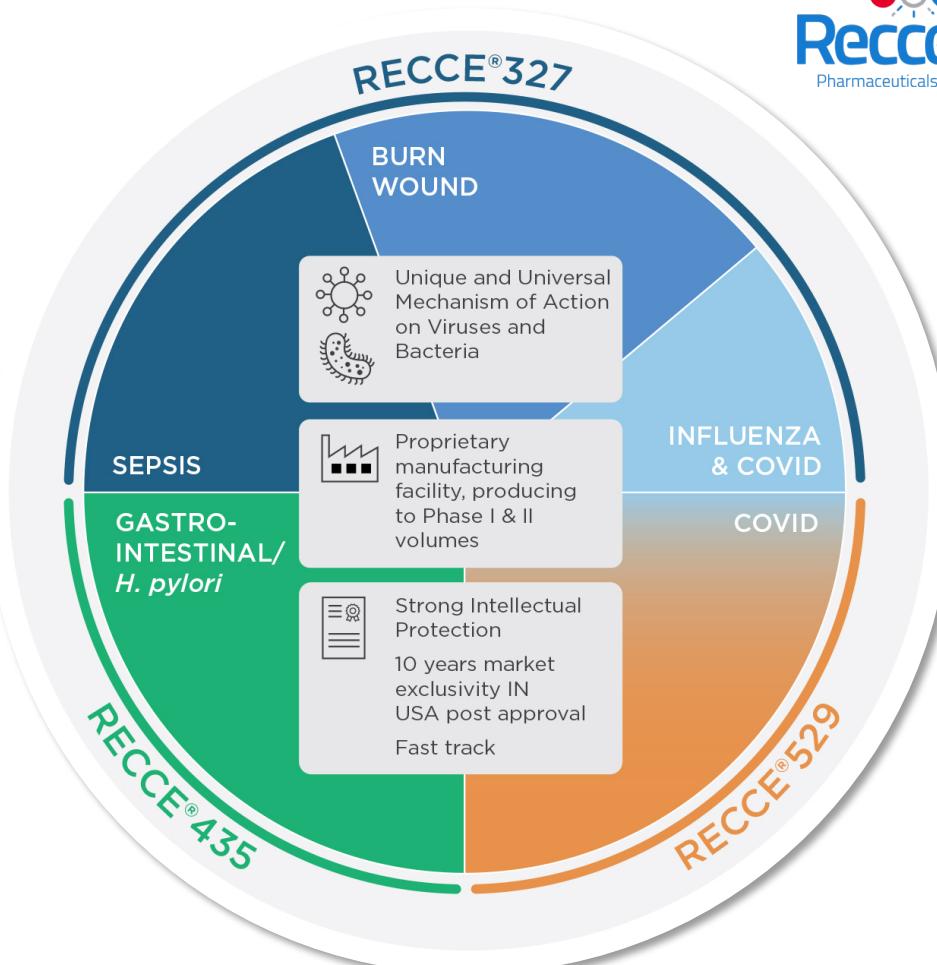
## Since our last AGM:

- ▶ 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:

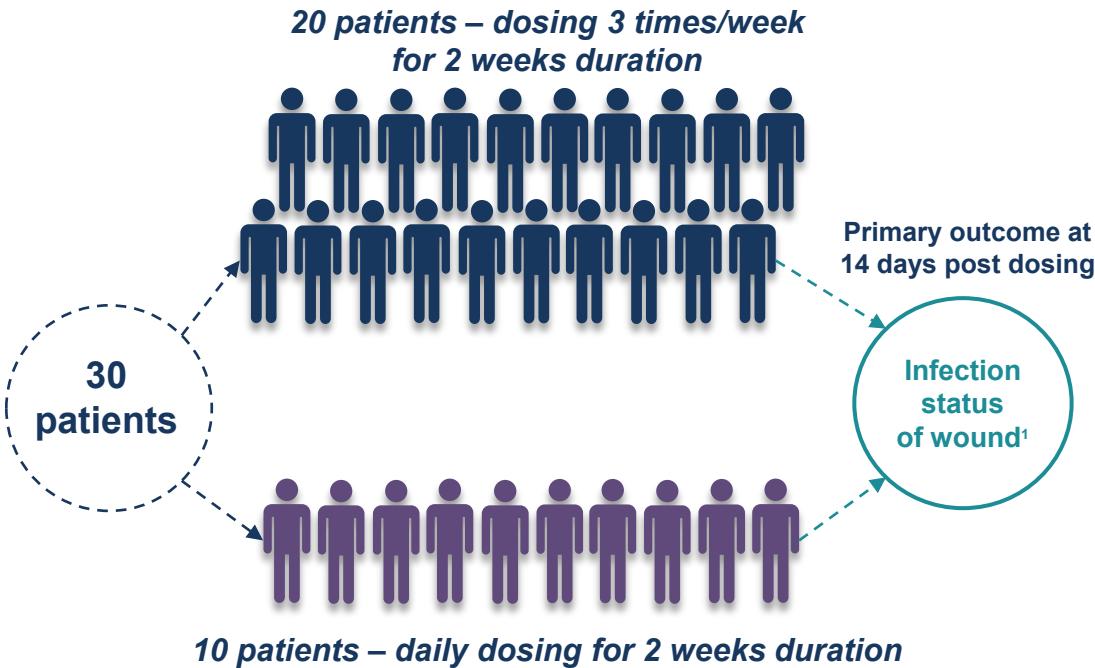
## *Addressing the Historic Lack of Innovation*

- ▶ 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.



# 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



# Topical Burns Study

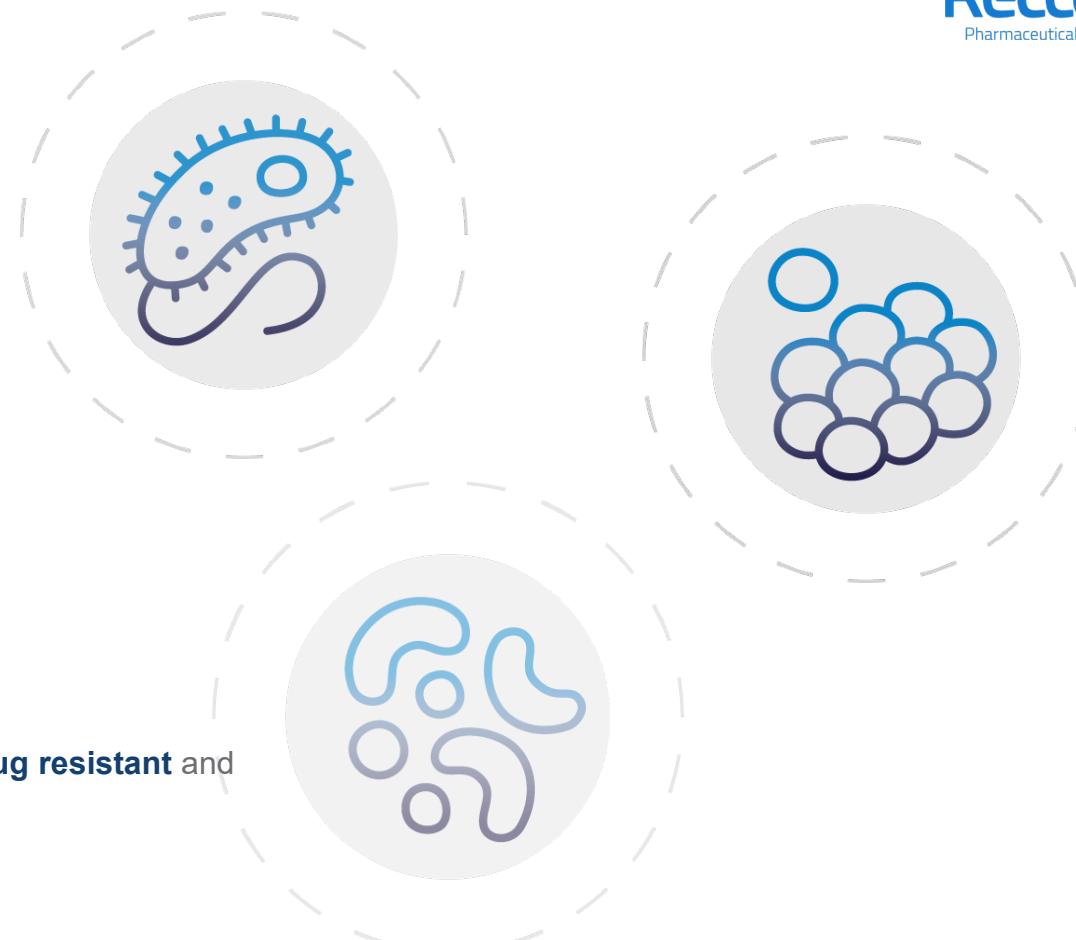
Bacteria we've come across so far...

## Gram-positive

- ▶ *Staphylococcus aureus*
- ▶ *Staphylococcus lugdunensis*

## Gram-negative

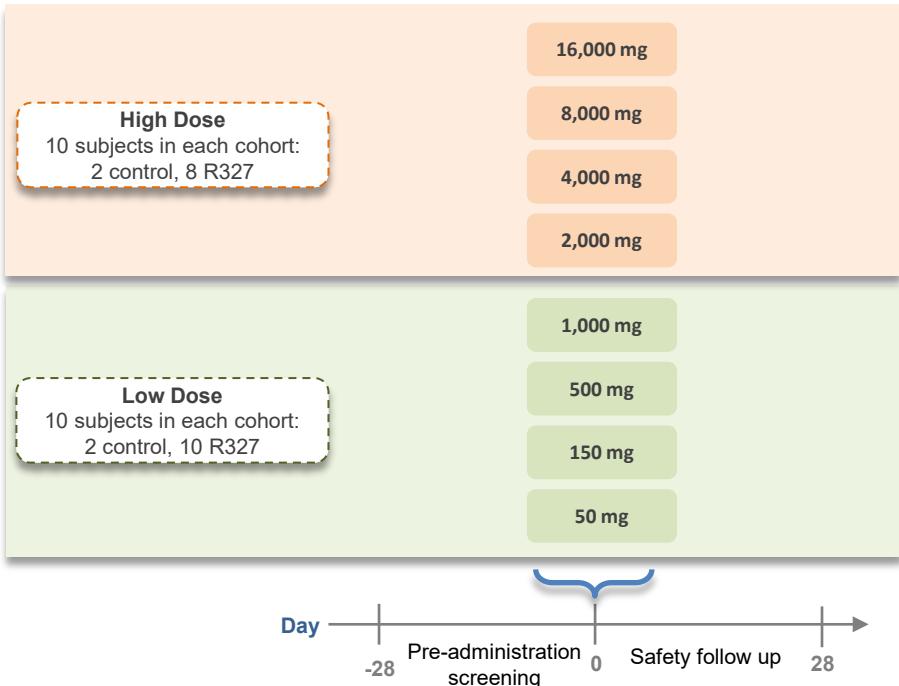
- ▶ *Pseudomonas aeruginosa*
- ▶ *Klebsiella pneumoniae*
- ▶ *Morganella morganii*
- ▶ *Proteus vulgaris*
- ▶ *Proteus Mirabilis*
- ▶ Bacterial species encountered often **Multi-drug resistant** and especially include those with **biofilms**



# 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

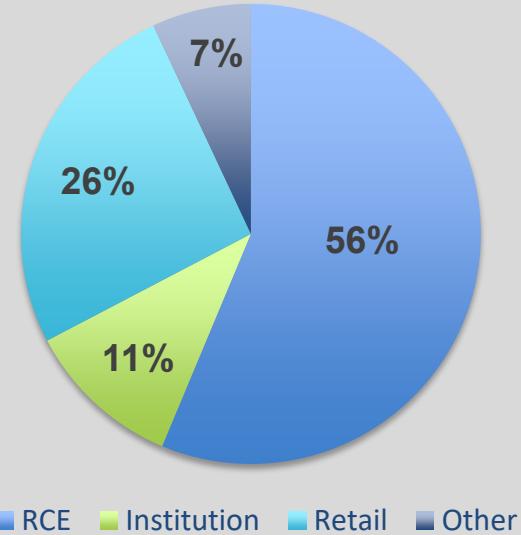
- ▶ **Continue big-pharma discussions – position of power with unique MoA & strong cash position**
- ▶ **Expand international awareness – particular focus on USA and EU**
- ▶ **Intellectual Property will continue to strengthen – Strong patent standing & Regulatory Incentive Focused**
- ▶ **New Clinical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

# Recce Pharmaceuticals Ltd – Capital Structure

## Snapshot

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

## Top 20 Shareholders Distribution



# Thank you

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Chief Executive Officer

Recce Pharmaceuticals

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