



ANTIMICROBIAL RESISTANCE COOPERATIVE RESEARCH CENTRE

URGENT NEED FOR SOLUTIONS

Antimicrobial Resistance (AMR) is recognised by the World Health Organization (WHO), the World Organisation for Animal Health (OIE) and many Governments, including Australia, as one of the world's most pressing global health priorities. If the spread of AMR is not curtailed, new diagnostics and antibiotics not developed, and effective stewardship programs not implemented, the world faces a future where common and treatable infections, which have been effectively treated for the last 80 years, will become life threatening to humans and animals. The O'Neill AMR Report estimated that more people will die from antimicrobial resistant infections than cancer in 2050.

THE AMR CRC PROGRAM

The Antimicrobial Resistance Cooperative Research Centre (AMR CRC) is currently being developed in partnership between The University of Queensland, Monash University, CSIRO, University of New South Wales, University of Technology Sydney, Government departments, industry partners (including SMEs) and industry bodies. As discussions progress, additional research organisations will be incorporated into the CRC program.

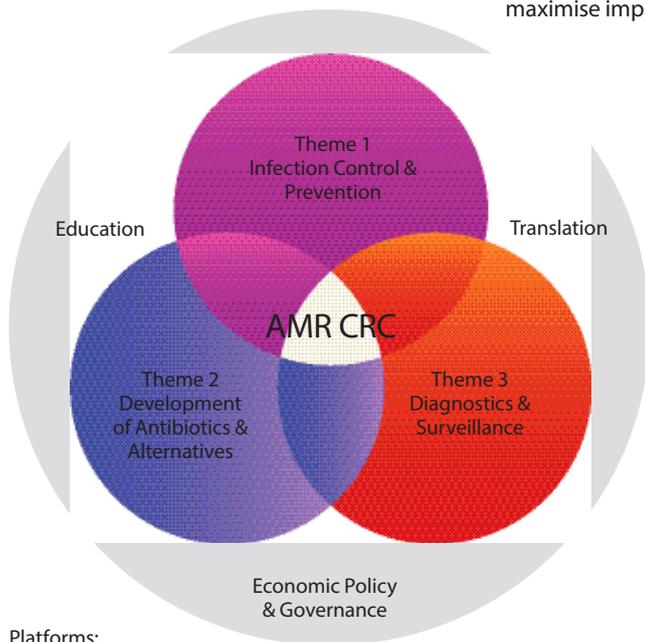
We believe that the AMR CRC will become the pivotal organisation in Australia's fight to halt the health and economic burden of AMR through a coordinated response. The Research Themes and Education programs will investigate and improve a wide range of human and animal health issues, which will result in co-ordinated and enhanced outcomes for the communities and organisations involved. The CRC will work closely with existing programs to ensure that there is minimal overlap to maximise impact.

ALIGNMENT WITH GOVERNMENT PRIORITIES

In June 2015, the Australian Government released their first ever National Antimicrobial Resistance (AMR) Strategy 2015–2019, which focused on minimising the development and spread of AMR, and ensuring the continued availability of effective antimicrobials. The Government has continued its interest publishing a Strategy Progress Report in October 2017 and establishing an AMR-focused website. The CRC will play a central role in helping make the Australian Government's AMR strategy a success.

COOPERATIVE RESEARCH CENTRE (CRC) PROGRAM

The CRC Program is an Australian government initiative started in 1990 that supports industry-led collaborations between industry, researchers and the community. CRCs are a successful model for linking researchers with industry to focus on research and development towards practical application and commercialisation.



Theme 1. Infection Control and Prevention

- Engineering devices and coatings to prevent infection
- Implementing infection control into practice
- Supporting antimicrobial free livestock production

Theme 2. Development of Antibiotics and Alternatives

- Discovery and lead optimisation
- Pharmacokinetics and pharmacodynamics (PK/PD)
- Clinical trials of new and marketed antibiotics

Theme 3. Diagnostics and Surveillance

- Detection and surveillance of antibiotic resistance
- Farm to Fork: transmission pathways & ecological drivers
- Translational tools: from research to practice

Education

- Student industry placement and training
- Stewardship and lectures
- Community outreach programmes

Platforms:

Antibiotic & Antibiotic-Alternatives, Animal Health, Clinical Trials, Diagnostics, Medical Devices, Sequencing

FIND OUT MORE:

www.amrcrc.com



INDUSTRY PARTICIPANTS INFORMATION

The CRC is currently seeking participant involvement from industry partners, industry bodies and Government departments. Participants that have not already registered their interest will be contacted by the CRC Bid Committee and asked about how the AMR CRC can best benefit their organisation, their industry and Australia. Organisations are welcome to attend the information sessions or request a face-to-face or videoconference meeting to discuss this opportunity. Interested organisations will be asked to sign a Stage 1 Expression of Interest.

RESEARCH PROVIDER INFORMATION

The CRC invites enquiries from research providers that want to be involved with the CRC. As with the Industry Participants, researchers are welcome to attend the Workshops and to directly

contact the CRC for further information. The CRC will expect that the research providers sign a non-binding Stage 1 Expression of Interest.

CRC CONTRIBUTIONS

There is no standard contribution requirement for Participants, with the contribution levels usually dependent upon the individual Participant and the amount of benefit they expect to derive from the CRC. Although contributions can consist of cash and in-kind resources, the more cash committed by our Participants will increase the competitiveness of the CRC bid and the amount of Commonwealth funding secured.

BID COST CONTRIBUTION

The CRC bid process is extremely competitive and the preparation of a successful CRC bid requires dedicated and specialised resources to secure partners, develop the collective research agenda, and prepare the bid documents. We expect all prospective partners to contribute to the costs associated with these preparation costs.

Adjustments may occur based on actual costs and number of partners. Participants that join after each phase will be required to equalise their contributions by paying for past phases. Participants are required to contribute in-kind resources relating to their individual engagement during the bid process, including their own time and travel.

INTELLECTUAL PROPERTY

The CRC team are currently exploring both Centre IP and Project IP models. The IP model will be finalised after discussions with the various stakeholders.

TERM

The AMR CRC will be seeking a 10 year term with the final quantum of funding to be determined in May.

BID TIMELINE

STAGE 1

April 2019
Release bid prospectus
May 2019
Individual meeting & bid information sessions
May 2019
Round 21 opens. Finalise research program
June 2019
Prepare expression of interest
July 2019
Stage 1 expression of interest submitted

STAGE 2

September 2019
Stage 2 opens for shortlisted bids
September 2019
Prepare full business case
October 2019
Full business case due
December 2019 (or later)
Outcome announced
July 2020
If successful, CRC will commence

INDIVIDUAL MEETINGS AND BID INFORMATION SESSIONS

The AMR CRC bid team will be holding individual meetings with potential participants. In addition, Workshops will be held in various Capital cities around Australia in March and April 2019.

Please visit amrcrc.com/meetings for more information



FIND OUT MORE

For further information or enquires on the AMR CRC, please contact:

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FIND OUT MORE:
www.amrcrc.com

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