

SAAFE CRC 2024
AMR Solutions Summit
From AMR Sources to Solutions

17 – 18 September 2024
National Wine Centre
of Australia, Adelaide

Acknowledgment of Country

The SAAFE CRC AMR Solution Summit is held in Adelaide on Kurna Country. SAAFE acknowledges the Traditional Owners of the lands, seas and waters of this Country, and of all areas in which we live and work across Australia.

We respect Aboriginal and Torres Strait Islander Peoples deep cultural and spiritual relationship with this land, and pay our respects to their Elders past and present.

We acknowledge the diversity of Aboriginal peoples and their knowledge systems. We recognise the concept of One Health (which highlights the integrated nature of human, animal, plant, and environmental health) is not something new to Aboriginal peoples, and that embracing this knowledge and connection to Country is a vital step in the path to reconciliation.

SAAFE is respectfully committed to a research program underpinned by the core value of Caring for Country.

Summit Program

Day 1 — Tuesday 17 September

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Guests Arrive	8:45am
Welcome to Kurna Country Cliffy Wilson, Kuma Kaaru	9:00am - 9:15am
Session 1: Rising to the Challenge of AMR Complexity Hosted by The Hon Karlene Maywald, SAAFE CRC Chair with: <ul style="list-style-type: none">The Hon Clare Scriven AOP, South Australian Minister for Primary Industries and Regional DevelopmentDr Jorge Pinto Ferreira, Food Safety Officer, Food and Agriculture Organization of the United Nations (FAO)Dr Sarah Britton, Director of One Health at the Interim Australian Centre for Disease ControlProf Erica Donner, Research Director, SAAFE CRCCara Peek, Head of Innovation, The Cultural Intelligence Project	9:15am - 10:15am
Morning Tea & Kurna Ceremony	10.15am - 11:00am
Session 2: Sector Experts & AMR Snapshots Hosted by <ul style="list-style-type: none">Dr Barry McGookin, SAAFE CRC Research Advisory Committee Chair and Food Sector LeadKaren Rouse, Water Research Australia CEO and SAAFE CRC Water Sector Lead <u>Animal Industries</u> <ul style="list-style-type: none">Peter Coombe, Program Manager, Animal Industries Antimicrobial Stewardship RD&E StrategyDr Kylie Hewson, Lead, Animal Health and Environment, CSIRO AMR Mission <u>Plant Industries</u> <ul style="list-style-type: none">Robyn Dixon, Program Manager Biosecurity, Pest and Disease, Wine AustraliaA/Prof Fran Lopez Ruiz, Centre for Crop Disease Management, Curtin University <u>Human Health</u> <ul style="list-style-type: none">Christina Bareja, Director Antimicrobial Resistance Policy and Surveillance Section, Disease Control Strategy, Interim Australian Centre for Disease ControlProf Karin Thursky, Director RMH Guidance Group, Director National Centre for Antimicrobial Stewardship, Department of Infectious Diseases, Melbourne Medical School, University of Melbourne <u>Fisheries and Aquaculture</u> <ul style="list-style-type: none">Wayne Hutchinson, Research Portfolio Manager, Fisheries Research and Development CorporationDr Matt Landos, Director of Future Fisheries Veterinary Service Pty Ltd <u>Environmental Services</u> <ul style="list-style-type: none">Karen Rouse, CEO, Water Research AustraliaProf Ed Topp, ANR/INSERM Distinguished Research Chair, Priority Research program on AMR, Research Director, Agroecology Mixed Research Unity, INRAE, University of Burgundy, France <u>Concluding with a Panel Q&A:</u> Hosted by Barry McGookin and Karen Rouse with AMR experts Kylie Hewson, Fran Lopez Ruiz, Karin Thursky, Matt Landos, and Ed Topp	11:00am - 12:45pm
Lunch	12:45pm - 1:30pm

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Session 3A: AMR Solutions Workshop

Hosted by:

- Dr Mary Carr, Head of Collaboration (Research & Impact), SAAFE CRC
- Prof Andy Barnes, Professor, Aquaculture and Aquatic Animal Health, The University of Queensland and Solutions Program Lead, SAAFE CRC

Lead Facilitators:

- Prof Lisa Hall, Professor of Epidemiology, Director of Teaching and Learning, School of Public Health, The University of Queensland
- Prof Simon Reid, Professor, School of Public Health, The University of Queensland

1:30pm - 3:00pm

Afternoon Tea

3:00pm - 3:30pm

Session 3B: AMR Solutions Workshop *Continued*

Hosted by Dr Mary Carr, SAAFE CRC & Prof Andy Barnes, UQ/SAAFE

Facilitators:

- Prof Lisa Hall, The University of Queensland
- Dr Anthony Boxshall, Science into Action
- Deb Dickson, Pique Global
- Prof Simon Reid, The University of Queensland
- Dr Kelly Hall, Isle Utilities
- Prof Erica Donner, SAAFE CRC

3:30pm - 5:30pm

Closing

The Hon Karlene Maywald, SAAFE CRC Chair

5:30pm

Pre-dinner Drinks Reception

5:30pm - 6:30pm

Dinner

Hosted by The Hon Karlene Maywald and Alex Lloyd

7:00pm - 9:30pm

Dinner Speaker:

A/Prof Priscilla Wehi - Director Te Pūnaha Matatini, New Zealand Centre of Research Excellence in Complex Systems, University of Otago

Summit Program

Day 2 — Wednesday 18 September

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Guests Arrive

8:45am

Opening Presentation

Hosted by Alex Lloyd, CEO SAAFE CRC

Presentation: United Nations Environment Programme

9:00am - 9:15am

Session 4: Extreme Weather Events & AMR

Co-hosted with the NHMRC HEAL (Healthy Lives And Environments) Network

Chairs:

- Prof Craig Williams, Convenor, HEAL Network South Australia and Dean of Programs, UniSA STEM, University of South Australia
- Dr Sopheak Hem, SAAFE Research Fellow, University of South Australia

Speakers:

- A/Prof Veronica Matthews, HEAL Network Co-Lead Aboriginal and Torres Strait Islander Knowledges and NSW Hub Lead; University Centre for Rural Health, University of Sydney
Healing with Country: Existing as One for a Sustainable Future
- Dr Ro McFarlane, Discipline Lead in Public Health, University of Canberra
More Droughts and Flooding Rains: The Impact of Extreme Weather on Food, Soil and Water Security

Snapshots: Living the Challenge

- Dr Mark Schipp, Councillor for Asia and Oceania, World Veterinary Association; Director, Australian Veterinary Association
- Liz Riley, SAAFE CRC Director, Viticulturalist
- Prof Mark Taylor, Chief Environmental Scientist, Environment Protection Authority Victoria

Panel Q&A (All Speakers)

Session 5A: The One Health Balancing Act

Co-Chairs:

- Prof Nicholas Ashbolt, SAAFE Living Labs Lead, Peter Teasdale Chair in Environmental Health Risk Assessment, Future Industries Institute, University of South Australia
- Prof Eve McDonald-Madden, ARC Research Fellow, School of Geography, Planning, and Environmental Management, The University of Queensland

Speakers:

- Prof Eve McDonald-Madden, The University of Queensland
Capturing Holistic One Health Trade-Offs to Improve Outcomes for People and Nature
- Prof Simon Reid, The University of Queensland
Balancing Ecology and Cure: A Strategic Approach to Anthelmintic Resistance Management

10:30am - 11:00am

Morning Tea

11:00am - 11:30am

Summit Program

Day 2 — Wednesday 18 September

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Session 5B: The One Health Balancing Act *Continued*

11:30am - 12:30pm

Speakers:

- John Merakovsky, SAAFE Director
Balancing Costs and Impact: A Systems Approach to Sustainable Agribusiness
- Prof Keith McNeil, Commissioner, Commission on Excellence and Innovation in Healthcare, Government of South Australia
The challenge of AMR in the 21st century: Beyond Current Structures and Governance (Always Back The Horse Called Self-Interest..)

Panel Q&A (All Speakers)

Lunch

12:30pm - 1:30pm

Session 6: Cross Sectoral Traceability of AMR Stewardship

1:30pm - 3:00pm

Co-Chairs:

- Prof Ricardo Soares Magalhães, Professor of Zoonotic Disease Epidemiology, The University of Queensland and Analytics Program Lead, SAAFE CRC
- Angela Schuster, Director, Schuster Consulting Group

Speakers:

- Angela Schuster, Schuster Consulting Group
What Is Traceability and How Does It Support Conformity Assessment Programs
- Dr Laura Hardefeldt, Senior Research Fellow, Veterinary Biosciences, The University of Melbourne
What is AMS: Guidelines and Appropriate Use in Humans and Animals and How This Translates to Other Sectors
- Assoc Prof Sudhir Yadav, Senior Principal Research Fellow, Centre for Crop Science, The University of Queensland
Sustainability Reporting and Traceability In The Grains Supply Chain
- Dr David Cunliffe, Principal Water Quality Advisor, SA Health
Risk Management and Quality Assurance Programs In The Recycled Water Sector

Panel Q&A (All Speakers)

Afternoon Tea

3:00pm - 3:30pm

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Session 7: Implementing One Health AMR

3:30pm - 4:30pm

Co-Chairs:

- The Hon Karlene Maywald, SAAFE CRC Chair
- Dr Sarah Britton Director of One Health at The interim Australian Centre for Disease Control

Panellists:

- Dr Jorge Pinto Ferreira Food Safety Officer, Food and Agriculture Organization of the United Nations (FAO)
- Cara Peek, Head of Innovation, The Cultural Intelligence Project
- Prof Keith McNeil, Commissioner, Commission on Excellence and Innovation in Healthcare, Government of South Australia
- Prof Branwen Morgan, Lead, Minimising Antimicrobial Resistance Mission and Research Director, CSIRO Health and Biosecurity
- Dr Anthony Boxshall, Principal & Founder, Science into Action
- Prof Erica Donner, Research Director SAAFE CRC

Session 8: Poster Session and Closing Drinks

4:30pm - 6:30pm

Hosted by:

- Alex Lloyd, CEO, SAAFE CRC
- Charlotte Ferrier, Education & Training Program Manager, SAAFE CRC

Closing

6:30pm



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Solving Antimicrobial
Resistance in Agribusiness,
Food & Environments