



# EDAR8

Environmental Dimensions  
of Antimicrobial Resistance  
Brisbane, 2-7 August 2026



## Conference Program

### EDAR8 Sunday 2 August

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Time	Boulevard Auditorium	Boulevard Room	Room B1	Room B2	Room B3	Room A2
4:00pm - 5:00pm	<b>REGISTRATIONS OPEN</b> Brisbane Convention & Exhibition Centre Boulevard Level	<b>POSTER MOUNTING SESSION 1</b> Boulevard Level Boulevard Room				
5:30pm - 7:30pm	<b>WELCOME RECEPTION @ Rydges South Bank, Soleil Pool Bar</b>					

Time	Boulevard Auditorium	Boulevard Room	Room B1	Rydges South Bank	Room B3	Room A2
9:00am - 10:30am	<b>REGISTRATION AND MORNING TEA</b>  Brisbane Convention & Exhibition Centre Boulevard Level	<b>POSTER MOUNTING SESSION 1</b>		<b>EARLY CAREER RESEARCHER (ECR) PROGRAM BREAKFAST*</b> <b>*(7:30am-9:30am)</b>  Rydges South Bank Level 12		
10:30am - 1:00pm	<b>S1.1 OPENING CEREMONY</b>  <b>S1.2 OPENING PLENARY SESSION</b>  Speakers to be announced.					
1:00pm - 2:00pm	<b>POSTERS AVAIL FOR VIEWING</b>		LUNCH			
2:00pm - 4:00pm	<b>S1.3 PLENARY SESSION</b>  Speakers to be announced.					
4:00pm - 6:00pm	<b>POSTER SESSION 1</b>  Includes canapés & beverages					

Time	Boulevard Auditorium	Boulevard Room	Room B1	Room B2	Room B3	Room A2
9:00am - 10:30am	<b>S2.1 PLENARY SESSION</b> From One Health Impetus to Action (Translating AMR Policy into Action)					
10:30am - 11:00am	MORNING TEA					
11:00am - 1:00pm	<b>S2.2A PRESENTATIONS</b> Wastewater (One Health) Surveillance of AMR		<b>S2.2B PRESENTATIONS</b> Environmental drivers, transmission & impacts of AMR in food production systems		<b>S2.2C PRESENTATIONS</b> From data to decisions - the state of play for Environmental Risk Assessment (ERA) of Antimicrobials	
1:00pm - 2:00pm	LUNCH					
2:00pm - 3:30pm	<b>S2.3A MASTERCLASS</b> AMR chemistry for non-chemists	<b>S2.3B WORKSHOP</b> From Evidence to Action: An Interactive Workshop on AMR Policy	<b>S2.3C WORKSHOP</b> Mechanistic and analytical advances for AMR abatement in wastewater systems	<b>S2.3D WORKSHOP</b> Use of antimicrobial agents in veterinary practice	<b>S2.3E WORKSHOP</b> Enhancing ERA of AMR across the entire life cycle of antimicrobials	<b>S2.3F WORKSHOP</b> Novel, quantitative methods in AMR research and surveillance
3:30pm - 4:00pm	AFTERNOON TEA					
4:00pm - 5:30pm	<b>S2.4A WORKSHOP</b> Harmonising environmental AMR monitoring 4:00pm-6:00pm	<b>S2.3B WORKSHOP (Cont'd.)</b> From Evidence to Action: An Interactive Workshop on AMR Policy	<b>S2.3C WORKSHOP (Cont'd.)</b> Mechanistic and analytical advances for AMR abatement in wastewater systems	<b>S2.3D WORKSHOP (Cont'd.)</b> Use of antimicrobial agents in veterinary practice	<b>S2.3E WORKSHOP (Cont'd.)</b> Enhancing ERA of AMR across the entire life cycle of antimicrobials	<b>S2.4F WORKSHOP</b> Pitfalls and Directions: Interpreting the Output of Current ARG Annotation Tools
5:30pm - 6:30pm	BREAK					
6:30pm - 11:00pm	GALA DINNER @ Brisbane City Hall					

Time	Boulevard Auditorium	Boulevard Room	Room B1	Room B2	Room B3	Room A2
9:00am - 10:30am	<p><b>S3.1 PLENARY SESSION</b></p> <p>Environmental AMR hotspots, reservoirs, transmission and exposure pathways</p>					
10:30am - 11:00am	MORNING TEA					
11:00am - 1:00pm	<p><b>S3.2A PRESENTATIONS</b></p> <p>Ecology and biology of environmental AMR</p>		<p><b>S3.2B PRESENTATIONS</b></p> <p>Environmental AMR and wildlife / animal health</p>		<p><b>S3.2C PRESENTATIONS</b></p> <p>Understanding AMR in the water cycle</p>	
1:00pm - 2:00pm	LUNCH					
2:00pm - 3:30pm	<p><b>S3.3A MASTERCLASS</b></p> <p>Microbiology, molecular biology and omics for One Health AMR research</p>		<p><b>S3.3B WORKSHOP</b></p> <p>Villains or victims? How can we better understand the impact of AMR of wildlife and wildlife on AMR?</p>	<p><b>S3.3C WORKSHOP</b></p> <p>Systems thinking / AMR at the food-environment interface: Evaluating exposure pathways</p>	<p><b>S3.3D WORKSHOP</b></p> <p>Ecologically relevant microbial endpoints for environmental water quality guidelines</p>	<p><b>S3.3E WORKSHOP</b></p> <p>The unholy alliance: A simulation exercise on tackling the climate-antimicrobial resistance-nexus</p>
3:30pm - 4:00pm	AFTERNOON TEA					
4:00pm - 5:30pm	<p><b>S3.3A MASTERCLASS (Cont'd.)</b></p> <p>Microbiology, molecular biology and omics fo OH AMR research</p>		<p><b>S3.3B WORKSHOP (Cont'd.)</b></p> <p>Villains or victims? How can we better understand the impact of AMR of wildlife and wildlife on AMR?</p>	<p><b>S3.3C WORKSHOP (Cont'd.)</b></p> <p>Systems thinking / AMR at the food-environment interface: Evaluating exposure pathways</p>	<p><b>S3.3D WORKSHOP (Cont'd.)</b></p> <p>Ecologically relevant microbial endpoints for environmental water quality guidelines</p>	<p><b>S3.3E WORKSHOP (Cont'd.)</b></p> <p>The unholy alliance: A simulation exercise on tackling the climate-antimicrobial resistance-nexus</p>
5:30pm - 10:00pm	<p><b>EARLY CAREER RESEARCHER (ECR) SOCIAL EVENT @ Southbank Beer Garden</b></p>					

Time	Boulevard Auditorium	Boulevard Room	Room B1	Room B2	Room B3	Room A2
9:00am - 10:30am	<b>S4.1A PRESENTATIONS</b>  AMR omics, informatics, and advanced analytics		<b>S4.1B PRESENTATIONS</b>  Managing AMR in the water cycle (One Water and One Health AMR)			
10:30am - 11:00am		<b>POSTER MOUNTING SESSION 2</b>	MORNING TEA			
11:00am - 1:00pm	<b>S4.2A PRESENTATIONS</b>  Technologies, environmental engineering, diagnostics and devices	<b>S4.2B PRESENTATIONS</b>  Advances in AMR environmental health risk assessment (incl S4.3B prep talks)	<b>S4.2C PRESENTATIONS</b>  Emerging Topic: A One Health perspective on antifungal / fungicide resistance	<b>S4.2D PRESENTATIONS</b>  One Health AMR genomic epidemiology and surveillance	<b>S4.2E MASTERCLASS</b>  Addressing the environmental dimensions of AMR through design thinking	
1:00pm - 2:00pm		<b>POSTERS AVAIL FOR VIEWING</b>	LUNCH			
2:00pm - 4:00pm	<b>S4.3A PANEL</b>  TBC	<b>S4.3B WORKSHOP</b>  (Cont'd. from S4.2B talks) Integrating omics and ecological insights into AMR risk assessment	<b>S4.3C WORKSHOP</b>  Methods to study plasmids and their contributions to AMR	<b>S4.3D WORKSHOP</b>  Persistence, dissemination and mitigation of ARGs in the environment: an evolutionary and ecological perspective	<b>S4.2E MASTERCLASS (Cont'd)</b>  Addressing the environmental dimensions of AMR through design thinking	
4:00pm - 6:00pm		<b>POSTER SESSION 2</b>  Includes canapés & beverages				

Time	Boulevard Auditorium	Boulevard Room	Room B1	Room B2	Room B3	Room A2
9:00am - 10:30am	<b>S5.1A PRESENTATIONS</b>  Public health interventions, antimicrobial stewardship, and waste management	<b>S5.1B PRESENTATIONS</b>  AMR environmental chemistry frontiers (complex selective pressures)				
10:30am - 11:00am	MORNING TEA					
11:00am - 12:30pm	<b>S5.2 CLOSING CEREMONY &amp; AWARDS</b>					
12:30pm - 1:30pm	LUNCH					
1:30pm - 3:30pm			<b>S5.3B WORKSHOP</b>  An introduction to whole genome sequencing and its application in One Health AMR research	<b>S5.3C WORKSHOP</b>  TBC - ECR Program attendees		
3:30pm - 4:00pm	AFTERNOON TEA					
4:00pm - 5:30pm			<b>S5.3B WORKSHOP (Cont'd.)</b>  An introduction to whole genome sequencing and its application in One Health AMR research	<b>S5.3C WORKSHOP (Cont'd.)</b>  TBC - ECR Program attendees		
<b>CONFERENCE CONCLUDES</b>						










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## Streams

-  Plenary Sessions
-  Housekeeping
-  Oral Presentations
-  Workshop
-  Masterclass
-  Panel
-  Social Events