



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	REGISTRATIONS OPEN Brisbane Convention & Exhibition Centre Boulevard Level	POSTER MOUNTING SESSION 1 Boulevard Level Boulevard Room				
5:30pm - 7:30pm	WELCOME RECEPTION @ Rydges South Bank, Soleil Pool Bar					

Time	Boulevard Auditorium	Boulevard Room	Room B1	Rydges South Bank	Room B3	Room A2
9:00am - 10:30am	REGISTRATION AND MORNING TEA Brisbane Convention & Exhibition Centre Boulevard Level	POSTER MOUNTING SESSION 1		EARLY CAREER RESEARCHER (ECR) PROGRAM BREAKFAST* *(7:30am-9:30am) Rydges South Bank Level 12		
10:30am - 1:00pm	S1.1 OPENING CEREMONY S1.2 OPENING PLENARY SESSION The need for action and the nature of the challenge					
1:00pm - 2:00pm		POSTERS AVAILABLE FOR VIEWING		LUNCH		
2:00pm - 4:00pm	S1.3 PLENARY SESSION Environmental AMR frontiers					
4:00pm - 6:00pm		POSTER SESSION 1 Includes canapés & beverages				

Time	Boulevard Auditorium	Boulevard Room	Room B1	Room B2	Room B3	Room A2
9:00am - 10:30am	S2.1 PLENARY SESSION From One Health impetus to action (translating AMR policy into action)					
10:30am - 11:00am		POSTERS AVAILABLE FOR VIEWING	MORNING TEA			
11:00am - 1:00pm	S2.2A PRESENTATIONS Wastewater (One Health) surveillance of AMR		S2.2B PRESENTATIONS Environmental drivers, transmission & impacts of AMR in food production systems		S2.2C PRESENTATIONS From data to decisions - the state of play for Environmental Risk Assessment (ERA) of Antimicrobials	
1:00pm - 2:00pm			LUNCH			
2:00pm - 3:30pm	S2.3A MASTERCLASS AMR chemistry for non-chemists	S2.3B WORKSHOP From Evidence to Action: An Interactive Workshop on AMR Policy	S2.3C WORKSHOP Mechanistic and analytical advances for AMR abatement in wastewater systems	S2.3D WORKSHOP Systems thinking / AMR at the food-environment interface: Evaluating exposure pathways	S2.3E WORKSHOP Enhancing ERA of AMR across the entire life cycle of antimicrobials	S2.3F WORKSHOP Novel, quantitative methods in AMR research and surveillance
3:30pm - 4:00pm			AFTERNOON TEA			
4:00pm - 5:30pm	S2.4A WORKSHOP Harmonising environmental AMR monitoring	S2.3B WORKSHOP (Cont'd.) From Evidence to Action: An Interactive Workshop on AMR Policy	S2.3C WORKSHOP (Cont'd.) Mechanistic and analytical advances for AMR abatement in wastewater systems	S2.3D WORKSHOP (Cont'd.) Systems thinking / AMR at the food-environment interface: Evaluating exposure pathways	S2.3E WORKSHOP (Cont'd.) Enhancing ERA of AMR across the entire life cycle of antimicrobials	S2.4F WORKSHOP 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	S3.1 PLENARY SESSION Environmental AMR hotspots, reservoirs, transmission and exposure pathways					
10:30am - 11:00am	MORNING TEA					
11:00am - 1:00pm	S3.2A PRESENTATIONS Ecology and biology of environmental AMR		S3.2B PRESENTATIONS Environmental AMR and wildlife / animal health		S3.2C PRESENTATIONS Understanding AMR in the water cycle	
1:00pm - 2:00pm	LUNCH					
2:00pm - 3:30pm	S3.3A MASTERCLASS Microbiology, molecular biology and omics for One Health AMR research		S3.3B WORKSHOP Villains or victims? How can we better understand the impact of AMR on wildlife and wildlife on AMR?	S3.3C WORKSHOP Use of antimicrobial agents in veterinary practice	S3.3E WORKSHOP The unholy alliance: A simulation exercise on tackling the climate-antimicrobial resistance-nexus	S3.3D WORKSHOP Ecologically relevant microbial endpoints for environmental water quality guidelines
3:30pm - 4:00pm	AFTERNOON TEA					
4:00pm - 5:30pm	S3.3A MASTERCLASS (Cont'd.) Microbiology, molecular biology and omics fo OH AMR research		S3.3B WORKSHOP (Cont'd.) Villains or victims? How can we better understand the impact of AMR on wildlife and wildlife on AMR?	S3.3C WORKSHOP (Cont'd.) Use of antimicrobial agents in veterinary practice	S3.3E WORKSHOP (Cont'd.) The unholy alliance: A simulation exercise on tackling the climate-antimicrobial resistance-nexus	S3.3D WORKSHOP (Cont'd.) Ecologically relevant microbial endpoints for environmental water quality guidelines
6:00pm - 10:00pm	EARLY CAREER RESEARCHER (ECR) SOCIAL EVENT @ Southbank Beer Garden					

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

Time	Boulevard Auditorium	Boulevard Room	Room B1	Room B2	Room B3
9:00am - 10:30am	S5.1B PRESENTATIONS Frontiers in environmental AMR selective pressures	POSTERS AVAILABLE FOR VIEWING	S5.1A PRESENTATIONS Public health interventions, antimicrobial stewardship, and waste management		S5.1C WORKSHOP Expert elicitation for a risk assessment of environmental AMR across water and reuse systems using Bayesian Networks
10:30am - 11:00am			MORNING TEA		
11:00am - 12:30pm	S5.2 CLOSING CEREMONY & AWARDS				
12:30pm - 1:30pm			LUNCH		
1:30pm - 3:30pm			S5.3A WORKSHOP An introduction to whole genome sequencing and its application in One Health AMR research		S5.3B WORKSHOP ECR Delegates only Careers Panel + Network Mapping Workshop
3:30pm - 4:00pm			AFTERNOON TEA		
4:00pm - 5:30pm			S5.3A WORKSHOP (Cont'd.) An introduction to whole genome sequencing and its application in One Health AMR research		S5.3B WORKSHOP (Cont'd.) ECR Delegates only Careers Panel + Network Mapping Workshop
CONFERENCE CONCLUDES					



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Streams



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