



AUSTRALIAN  
VETERINARY  
ANTIMICROBIAL  
STEWARDSHIP  
CONFERENCE  
2021

GOLD COAST, QUEENSLAND  
21-23 NOVEMBER

## Draft Scientific Program

Sunday 21 <sup>th</sup> November 2021	
11.30am	Registration and Lunch
12.00 – 4.00pm	<b>WORKSHOP – THE FUTURE OF ANTIMICROBIAL USAGE DATA COLLECTION IN AUSTRALIA</b>
12.00 - 12.05pm	Welcome and objective of workshop - DAWE
12.05 - 12.20pm	<b>Corrie Croton:</b> Update from the 2020 OIE National Focal Point for Veterinary Products antimicrobial use seminars
12.20 - 12.35pm	<b>Jo Coombe:</b> Antimicrobial Usage: issues and risks with generic antimicrobial usage targets and how benchmarking of antimicrobial stewardship could be a useful strategy for the veterinary sector
12.35 - 12.50pm	<b>Sam Weekes:</b> Data Pig™: A Novel Electronic Recording System for Swine Health Data, notably antimicrobial usage
12.50 - 1.05pm	<b>Stephanie Bullen:</b> Developing a method for estimating industry level antimicrobial use in the Australian dairy industry
1.05 - 1.20pm	<b>Robert Greenall:</b> Practical measurement of Antimicrobial Use (AMU) in Australian red meat enterprises
1.20 - 1.35pm	<b>James Gilkerson:</b> Antimicrobial use in Australian companion animal practice
1.35 - 1.50pm	Break
1.50 - 4.00pm	Interactive Q&A session on progress, trends and lessons learned.
4.00-5.00pm	Break
	<b>Session 1: CONFERENCE OPENING</b> <span style="float: right;"><b>Chair: Kylie Hewson</b></span>
5.00 - 5.30pm	<b>Dr Mark Schipp:</b> Antimicrobial Stewardship in Animal Health
5.30 - 6.00pm	<b>Professor Paul Kelly:</b> Antimicrobial Stewardship in Human Health
6.00 - 8.00pm	<i>Networking Function in Trade Area</i> <span style="float: right;"><i>Sponsored by</i></span>

Monday 22 <sup>nd</sup> November 2021	
8.00 – 8.30am	Registration and Arrival Tea and Coffee
	<b>Session 2</b> <b>AUSTRALIAN PROGRESS ON ANTIMICROBIAL STEWARDSHIP</b>
8.30 - 8.40am	<b>Kylie Hewson:</b> Welcome and introduction
8.40 – 9.00am	<b>KEYNOTE</b> <b>Leigh Nind:</b> Current antimicrobial stewardship influences for animal health - a horizon scan
9.00 - 9.20am	<b>Rachel Chay:</b> Antimicrobial Stewardship - A Regulator's Perspective
9.20 - 9.40am	<b>Jo Coombe:</b> The Animal Industries' Antimicrobial Stewardship R, D and E Strategy - working together to improve AMS
9.40 – 10.00am	<b>Ray Batey:</b> Antimicrobial prescribing guidelines for sheep as a model of antimicrobial stewardship for extensive livestock industries
10.00 – 10.30am	<b>Jane Heller and Jacqueline Norris:</b> The AMR Vet Collective
10:30 – 10.50am	Morning Tea
	<b>Session 3 Reports</b>
10.50 - 11.10am	<b>Robin Achari:</b> The role of vaccines in Antimicrobial Stewardship programmes for the Australian Poultry Industry
11.10 - 11.25am	<b>Ri Scarborough:</b> How can we improve antibiotic use in small animal practice? Reflections and ideas from Australian vets
11.25 - 11.40am	<b>Anna Sri:</b> Understanding the role in veterinary medicine of antimicrobials with high importance to human health -A survey of Australian veterinarians
11.40 – 11.55am	<b>Suzanna Richards:</b> Antimicrobial stewardship in companion animal practice: survey results from veterinarians working in general practice with a structured AMS program
11.55 - 12.10pm	<b>Gemma Chuck:</b> ProDairy Partnership: An initiative focused on preventative health management and antimicrobial stewardship in Australian dairy h
12.10 - 12.25pm	<b>Mark Humphris:</b> Maintaining currency in antimicrobial stewardship practices - virginiamycin use in dairy cattle
12.25 – 12.40pm	<b>Brian Hur:</b> Overcoming challenges in extracting prescribing habits from veterinary clinics using big data and deep learning. Student Award Winner
12.40 – 1.30pm	Lunch
	<b>Session 4 Reports</b>
1.30 - 1.45pm	<b>Charmian Bennett:</b> A Roadmap to Reducing the Need to Use Antibiotics
1.45 – 2.00pm	<b>Emily Doyle:</b> Identifying avenues for building AMS on NSW Dairy farms
2.00 - 2.15pm	<b>Kirsty Richards:</b> Reducing antimicrobial usage in a large pork farming business on 39 sites in three states of Australia
2.15 - 2.30pm	<b>Alec Truswell:</b> Robotic Antimicrobial Susceptibility Platform (RASP): A Next Generation Approach to One-Health Surveillance of AMR
2.30 – 2.45pm	<b>Lee Taylor:</b> A Survey of Mastitis Pathogens including antimicrobial susceptibility in South Eastern Australian Dairy herds erds

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2.45 – 3.10	<b>Panel session:</b> Gaps and opportunities in AMR surveillance
3.10 – 3.30pm	Afternoon Tea
	<b>Session 5</b> <b>GLOBAL PROGRESS ON ANTIMICROBIAL STEWARDSHIP</b>
3.30 - 3.50pm	<b>Stephen Page:</b> OIE Update
3.50 - 4.10pm	<b>Rungtip Chuanchuen:</b> ASEAN developments
4.10 - 4.30pm	<b>Shabbir Simjee and Ruby Singh:</b> EU/USA developments
4.30 - 4.50pm	<b>Sabiha Essack:</b> Veterinary Stewardship in South Africa
4.50 - 5.00pm	<b>Panel:</b> Rungtip Chuanchuen, Shabbir Simjee, Ruby Singh and Sabiha Essack
5.00 - 7.00pm	<i>Break</i>
7.00 - 10.30pm	<b>Conference Dinner</b> <span style="float: right;"><i>Sponsored by Animal Medicines Australia</i></span>

## Tuesday 23<sup>rd</sup> November 2021

8.30 - 9.00am	Registration
	<b>Session 6</b> <b>VETERINARY ANTIMICROBIAL STEWARDSHIP IN PRACTICE</b>
9.00 – 9.10am	Introduction and NSW DPI student award
9.10 - 9.30am	<b>Keynote</b> <b>Stephen Page:</b> Practical stewardship – ancient wisdom, multi-dimensional, lasting value
9.30 - 9.50am	<b>Kellie Thomas:</b> What is happening with in-feed antimicrobials in Australia? Preliminary results of a national stock-feed manufacturer survey
9.50 - 10.10am	<b>Ian Jenson:</b> AMS in the Australian Red Meat Industry: Producing data that satisfies stakeholder expectations
10.10 - 10.30am	<b>Ross Cutler:</b> Industry Update: Antimicrobial Stewardship in The Australian Pork Industry
10.30 - 10.50am	Morning Tea
	<b>Session 7</b> <b>VETERINARY ANTIMICROBIAL STEWARDSHIP IN PRACTICE</b>
10.50 - 11.10am	<b>Mark Humphris:</b> Barriers and enablers to improved antimicrobial stewardship in the dairy industry
11.10 - 11.30am	<b>Ashley Etherington:</b> Antimicrobial Stewardship in the Australian Chicken Meat Industry
11.30 - 11.50am	<b>Rod Jenner:</b> The Australian egg industry's antimicrobial journey
11.50 - 12.10pm	<b>Laura Hardefeldt:</b> Effects of an antimicrobial stewardship implementation trial in general veterinary practice on rates of antimicrobial prescribing

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12.10 - 12.30pm	<b>Kirsten Bailey:</b> Characterising antimicrobial usage in horses to facilitate veterinary antimicrobial stewardship
12.30 - 1.30pm	Lunch
	<b>Session 8 TBD</b>
1.30 – 1.50pm	<b>KEYNOTE</b> <b>Alison Taylor:</b> Holistic Approach to Antimicrobial Stewardship in Small Animal Practice
1.50 – 2.30pm	<b>PANEL DISCUSSION– TBD</b> <span style="float: right;"><b>Facilitator: Jo Coombe</b></span>
	<b>Session 9      CONFERENCE CLOSE</b>
2.30pm	<b>Wrap-up – Kylie Hewson</b>

	<b>Post-conference meeting (Invite only)</b>
3.00 – 5.00pm	AIAS Steering Committee forum meeting 2021