

11-13 November  
Novotel Twin Waters Resort



## Scientific Program

| Sunday 11 <sup>th</sup> November 2018 |  |
|---------------------------------------|--|
| 11.30am                               | Registration and Lunch   |
| 12.00 - 4.00pm                        | <b>Session On Surveillance Of Antimicrobial Usage In Animals – All Welcome</b><br><i>(afternoon tea break at 3.00pm)</i>       |
| 4.00-5.00pm                           | <i>Break</i>   |
|                                       | <b>Session 1      CONFERENCE OPENING</b>   |
| 5.00 - 5.30pm                         | <b>Dr Mark Schipp:</b> Antimicrobial Stewardship in Animal Health  |
| 5.30 - 6.00pm                         | <b>Professor Brendan Murphy:</b> Antimicrobial Stewardship in Human Health   |
| 6.00 - 8.00pm                         | <b><i>Networking Function in Trade Area</i></b> <span style="float: right;"><i>Sponsored by Australian Pork Limited</i></span> |

| Monday 12 <sup>th</sup> November 2018 |   |   |
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| 8.00 – 8.30am                         | Registration and Arrival Tea and Coffee   |   |
|                                       | <b>Session 2      GLOBAL PERSPECTIVES ON ANTIMICROBIAL STEWARDSHIP</b>  | <b>Chair: Dr Charles Milne</b>                                  |
| 8.30 - 8.40am                         | Origins of AVAMS18 – Kylie Hewson, Chair AVAMS18 Organising Committee   |   |
| 8.40 - 9.00am                         | <b>Keynote</b><br><b>Dr Stephen Page:</b> What Is Antimicrobial Stewardship?  | <i>Speaker Sponsored by Agrifutures Chicken Meat</i>            |
| 9.00 - 9.20am                         | <b>Keynote</b><br><b>Dr Matthew Stone:</b> Overview Of The World Organisation For Animal Health (OIE) Antimicrobial Resistance Work   |   |
| 9.20 - 9.40am                         | <b>Dr Leigh Nind:</b> International Trends Impacting Antimicrobial Stewardship In Animal Health   |   |
| 9.40 - 10.00am                        | <b>Ms Jessica Ramsden:</b> The Language Of Antibiotics: Global Perspectives On Consumer Conversations About Antimicrobial Resistance  |   |
| 10:00 – 10.30am                       | Morning Tea   |   |
|                                       | <b>Session 3      UNDERSTANDING ANTIMICROBIAL RESISTANCE AND ANTIMICROBIAL STEWARDSHIP</b>  | <b>Chair: Mr Ben Stapley</b><br><i>Session Sponsored By MLA</i> |
| 10.30 - 11.10am                       | <b>Keynote</b><br><b>Professor Marilyn Cruickshank:</b> Antimicrobial Stewardship In Human Health Settings  |   |
| 11.10 - 11.30am                       | <b>Professor David Jordan:</b> Antimicrobial Ratings - The Importance Of Importance   |   |
| 11.30 - 11.50am                       | <b>Professor Mieke Van Driel and Dr Susan Bibby:</b> The ‘Patient’ Journey - A Comparison Of Human, Companion Animal And Livestock Antimicrobial Decision-Making In Clinical Practice |   |
| 11.50 - 12.10pm                       | <b>Dr Helen Crabb:</b> A Review Of Factors Influencing Antimicrobial Prescribing In Food Production Animals   |   |
| 12.10 - 12.30pm                       | <b>Dr Shabbir Simjee:</b> The Urgent Need For Harmonised Definitions In Addressing Antimicrobial Resistance In Veterinary Medicine  |   |
| 12.30 – 1.15pm                        | Lunch   |   |
|                                       | <b>Session 4      ANTIMICROBIAL STEWARDSHIP INITIATIVES AND PERSPECTIVES</b>  | <b>Chair: Dr Sarah Britton</b>                                  |
| 1.15 - 1.35pm                         | <b>Dr Louise Edwards:</b> What Are You Having For Dinner Tonight? AMS: A Stock Feed Millers Perspective   |   |
| 1.35 - 1.55pm                         | <b>Ms Lauren Mackenzie:</b> Antibiotics And Agriculture – The Retail Customer Perspective   |   |
| 1.55 - 2.15pm                         | <b>Ms Kylie Hewson &amp; Professor Darren Trott:</b> Lessons Learned From Proof-Of-Concept Antimicrobial Resistance Surveillance Projects In Australian Intensive Livestock           |   |
| 2.15 - 2.30pm                         | <b>Assoc Professor Jacqueline Norris:</b> Development Of An Online Antimicrobial Stewardship Training Program For Veterinarians: A National Collaborative Effort                      |   |
| 2.30 - 2.45pm                         | <b>Professor James Gilkerson:</b> Antimicrobial Prescribing Guidelines For Livestock Project  |   |
| 2.45 - 3.00pm                         | <b>Dr Sam Abraham:</b> Are Humans And Wild Birds A Potential Risk For Transmitting Critically Important Antimicrobial Resistant Bacteria To Australian Livestock?                     |   |

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| 3.00 – 3.30pm  | Afternoon Tea  |  |
|                | <b>Concurrent Session 1: PRODUCTION ANIMALS</b>  | <b>Concurrent Session 2: COMPANION ANIMALS</b>   |
|                | <b>Chair: Dr Vivien Kite</b>   | <b>Chair: Assoc Professor Jacqueline Norris</b>  |
| 3.30 - 3.45pm  | <b>Professor Darren Trott:</b> Surveillance For Antimicrobial Resistance Of Bovine Respiratory Disease Pathogens   | <b>Dr Kirsten Bailey:</b> Population Wide Assessment Of Antimicrobial Use In Companion Animals Using A Novel Data Source – A Cohort Study Using Pet Insurance Data |
| 3.45 - 4.00pm  | <b>Dr Robert Barlow:</b> Antimicrobial Susceptibility Of Bacteria From Healthy Cattle And Sheep At Slaughter   | <b>Dr Kanishka Kamathewatta:</b> Resistomes And Associated Risks In Environmental Sites Of A Veterinary Teaching Hospital Intensive Care Unit                      |
| 4:00 - 4:15pm  | <b>Dr Peter Johnston:</b> <i>Saccharomyces cerevisiae</i> Fermentation Metabolites - Potential Solution for Antimicrobial Stewardship In Food Animal Production<br><i>Speaker Sponsored By Feedworks</i> | <b>Dr Brian Hur:</b> Using Natural Language Processing And VetCompass To Understand Antimicrobial Usage Patterns In Australia                                      |
| 4:15 - 4.30pm  | <b>Dr Chris Morrow:</b> Focused Antibiotic Stewardship For The Chicken Industries  | <b>Dr Mike Mason;</b> Progress Towards A Point-Of-Management Diagnostic Platform Technology Suitable For Veterinary Applications                                   |
| 4.30 - 4.45pm  | <b>Dr Richard Carter:</b> Change Management Reduces Antibiotic Use On Pig Farms  | <b>Professor Glenn Browning:</b> Antimicrobial Susceptibility Testing By Australian Veterinary Diagnostic Laboratories   |
| 4.45 - 5.00pm  | <b>Dr Mark Humphris:</b> Dairy Australia's Change Management Programs Supporting Improved Antimicrobial Stewardship  | <b>Dr Kirsten Bailey:</b> Delayed Prescribing As An Antimicrobial Stewardship Tool In Veterinary Practice  |
| 5.00 - 6.00pm  | Poster Session And Canapes   |  |
| 7.00 - 11.00pm | <b>Conference Dinner</b> <span style="float: right;"><i>Sponsored by Animal Medicines Australia</i></span>   |  |

| Tuesday 13 <sup>th</sup> November 2018 |  |
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| 8.15 - 8.30am                          | Registration and Arrival Tea and Coffee  |
|  | <b>Session 5 WHAT DOES VETERINARY ANTIMICROBIAL STEWARDSHIP LOOK LIKE IN PRACTICE? PART 1</b> <span style="float: right;"><b>Chair: Mr Christian Mulders</b></span>  |
| 8.30 - 9.30am                          | <b>Keynote</b><br><b>Professor John Prescott:</b> Veterinary Antimicrobial Stewardship In North America <span style="float: right;"><i>Speaker Sponsored By NSW Department Of Primary Industries</i></span>  |
| 9.30 - 9.50am                          | <b>Dr Stephen Page:</b> Veterinary Antimicrobial Stewardship In Australia  |
| 9.50 - 10.10am                         | <b>Dr Kev Sullivan:</b> Antimicrobial Stewardship Guidelines For The Australian Cattle Feedlot Industry  |
| 10.10 - 10.30am                        | <b>Dr Jo Coombe:</b> Overview Of The Australian Dairy Industry Approach To Antimicrobial Stewardship   |
| 10.30 - 10.50am                        | Morning Tea  |
|  | <b>Session 6 WHAT DOES VETERINARY ANTIMICROBIAL STEWARDSHIP LOOK LIKE IN PRACTICE? PART 2</b> <span style="float: right;"><b>Chair: Dr Mark Schipp</b></span>  |
| 10.50 - 11.30am                        | <b>KEYNOTE</b><br><b>Professor Luca Guardabassi:</b> Veterinary Antimicrobial Stewardship In The EU <span style="float: right;"><i>Speaker Sponsored By Coles</i></span>   |
| 11.30 - 11.50am                        | <b>Dr Alison Taylor:</b> Antimicrobial Stewardship In Small Animal Practice - A Pilot Trial In Canberra  |
| 11.50 - 12.10pm                        | <b>Dr Sheridan Alfirevich:</b> Antimicrobial Stewardship In The Australian Chicken Meat Industry   |
| 12.10 - 12.30pm                        | <b>Dr Lechelle Van Breda:</b> Antimicrobial Stewardship In Australian Pork   |
| 12.30 - 12.50pm                        | <b>Dr Paul Hardy-Smith:</b> Antimicrobial Stewardship In Australian Aquaculture  |
| 12.50 - 1.10pm                         | <b>Dr Sharanne Raidal:</b> Antimicrobial stewardship in Australian equine practice: intentions, problems & realities   |
| 1.10 - 1.50pm                          | Lunch  |
|  | <b>Session 7 BARRIERS AND POTENTIAL OPPORTUNITIES TO PROGRESSING VETERINARY ANTIMICROBIAL STEWARDSHIP</b>  |
| 1.50 - 2.10pm                          | <b>KEYNOTE</b><br><b>Professor David Jordan:</b> Barriers And Potential Opportunities To Progressing Veterinary Antimicrobial Stewardship  |
| 2.10 - 3.00pm                          | <b>PANEL DISCUSSION ON THE WAY FORWARD</b> <span style="float: right;"><b>Facilitator: Dr Ian Jenson</b></span><br>Panel: Dr Mark Schipp, Dr Stephen Page, Dr Matthew Stone, Professor Luca Guardabassi, Professor John Prescott, Professor David Jordan |
|  | <b>Session 8 CONFERENCE CLOSE</b>  |
| 3.00 - 3.15pm                          | <b>Dr Melanie Latter:</b> Key Messages and Wrap-Up   |