

Antimicrobial Resistance Meeting Programme

Tuesday 2 September – Wednesday 3 September, 2025

Te Pae, Christchurch, New Zealand

Tuesday 2 September

| Time | Details | Location |
|---|---|-----------------------|
| 7.30am-8.00am | Mihi Whakatau <i>Registration required</i> <i>Please wait outside the room until you are invited in</i> | Conway C5 |
| 8.00am-8.15am | Comfort break | |
| <u>AMR Policy in New Zealand</u> | | |
| Chaired by Ghader Bashiri (University of Auckland – Waipapa Taumata Rau) | | |
| 8.15am-9.00am | Andrew Old (AR1) Public Health Agency - Te Pou Hauora Tūmatanui <i>Prioritising AMR in an ever-changing and increasingly pressured health system.</i> | Conway C5 |
| 9.00am-9.20am | Juliet Gerrard (AR2) University of Auckland – Waipapa Taumata Rau <i>Antimicrobial resistance – a case study in connecting research to government policy.</i> | Conway C5 |
| 9.20am-9.40am | David Murdoch (AR3) Public Health and Forensic Science TBA | Conway C5 |
| 9.40am-10.00am | Ghader Bashiri (AR4) University of Auckland – Waipapa Taumata Rau <i>Launch of the New Zealand Antimicrobial Resistance Network (NZAMRNet).</i> | Conway C5 |
| 10.00am-10.30am | Morning Tea | Exhibition Hall E1+E2 |
| <u>Diagnostics and Surveillance</u> | | |
| Chaired by David Murdoch (PHF Science) | | |
| 10.30am-11.00am | Clare Possenniskie (AR5) Public Health Agency - Te Pou Hauora Tūmatanui <i>Update on cross-government national activity on AMR</i> | Conway C5 |
| 11.00am-11.30pm | Eloise Williams (AR6) Public Health Agency - Te Pou Hauora Tūmatanui <i>A Stocktake of Surveillance Activities in Aotearoa (including Animal, Plant and Human health).</i> | Conway C5 |
| 10.30am-12.00pm | Sally Roberts (AR7) Health New Zealand – Te Toka Tumai <i>Antimicrobial Resistance Surveillance in Aotearoa New Zealand: Reflections from clinical practice.</i> | Conway C5 |
| 12.00pm-1.30pm | Lunch | Exhibition Hall E1+E2 |
| <u>Access, Stewardship and Advocacy</u> | | |
| Chaired by Sally Roberts (Health New Zealand – Te Toka Tumai) | | |
| 1.30pm-2.00pm | James Ussher (AR8) University of Otago - Ōtākou Whakaihu Waka TBA | Conway C5 |
| 2.00pm-2.30pm | Susan Bull (AR9) | Conway C5 |

| | | |
|---|---|-----------------------|
| | University of Auckland - Waipapa Taumata Rau <i>Managing AMR: justice, inclusivity and sustainability.</i> | |
| 2.30pm-2.50pm | Tom Mules (AR10) Malaghan Institute of Medical Research <i>Droplet Digital PCR-based Detection of Clarithromycin Resistance on Rapid Urease Test Samples Predicts Helicobacter pylori Eradication Success.</i> | Conway C5 |
| 2.50pm-3.10pm | Sue Berger (AR11) University of Otago - Ōtākou Whakaihu Waka <i>AMR after diagnostics: incident management of three laboratory-confirmed CPE cases in three nursing homes in Canterbury and West Coast.</i> | Conway C5 |
| 3.10pm-3.30pm | Kristin Dyet (AR12) Public Health and Forensic Science <i>Carbapenemase-producing organisms in New Zealand.</i> | Conway C5 |
| 3.30pm-4.00pm | Afternoon Break | Exhibition Hall E1+E2 |
| <u>Student talks from abstracts</u> Chaired by Jodie Johnstone (University of Canterbury - Te Whare Wānanga o Waitaha) | | |
| 4.00pm-4.20pm | Jeremy Dubrulle (AR13) University of Otago - Ōtākou Whakaihu Waka <i>Mobile Shields: Plasmid-Encoded Barriers to Phage Therapy and Their Role in the Antibiotic Crisis.</i> | Conway C5 |
| 4.20pm-4.40pm | Te Xiao (AR14) University of Auckland - Waipapa Taumata Rau <i>Antimicrobial tolerance will no longer be tolerated.</i> | Conway C5 |
| 4.40pm-5.00pm | Andrew McCabe (AR15) University of Canterbury - Te Whare Wānanga o Waitaha <i>Using Mammals to Map Antimicrobial Resistance Across Aotearoa.</i> | Conway C5 |
| 5.00pm-5.20pm | O'Rorke Smith (AR16) University of Otago - Ōtākou Whakaihu Waka <i>Cell Membrane-Mimicking Liposomes as an Anti-Virulence Therapy for Acinetobacter baumannii and Staphylococcus aureus.</i> | Conway C5 |
| 5.20pm-5.40pm | Tori Peter (AR17) University of Auckland - Waipapa Taumata Rau <i>Gels vs Germs.</i> | Conway C5 |
| 5.40pm-6.00pm | Kate Pennycuik (AR18) University of Auckland - Waipapa Taumata Rau <i>RNase HI as a Drug Target in Neisseria gonorrhoeae.</i> | Conway C5 |
| 6.00pm-8.30pm | Poster Session | Exhibition Hall E1+E2 |
| 6.00pm-8.30pm | Evening Social Function <i>Sponsored by Decode Science</i> | Exhibition Hall E1+E2 |

Wednesday 3 September

| Time | Details | Location |
|--|--|-----------------------|
| <u>New Antibiotic Development</u> Chaired by Shaun Lott (University of Auckland - Waipapa Taumata Rau) | | |
| 8.00am-8.30am | Luke Guddat (AR19) University of Queensland <i>Acetohydroxyacid synthase: A target for antimicrobial drug discovery.</i> | Conway C5 |
| 8.30am-9.00am | Greg Cook (AR20) Queensland University of Technology <i>Ionophore-mediated metal stress to combat antimicrobial-resistant Staphylococcus aureus.</i> | Conway C5 |
| 9.00am-9.20am | Alan Cameron (AR21) University of Auckland - Waipapa Taumata Rau <i>New Strategies to Target Hard to Treat Gram-Positive Infections</i> | Conway C5 |
| 9.20am-9.40am | Richard Kingston (AR22) University of Auckland - Waipapa Taumata Rau <i>Nucleoside analogs containing an imino-ribitol sugar exhibit a unique and characteristic pattern of interference with RNA synthesis by the Dengue virus polymerase.</i> | Conway C5 |
| 9.40am-10.00am | Kurt Krause (AR23) University of Otago - Ōtākou Whakaihū Waka <i>How a dormant, but essential, enzyme in Pseudomonas aeruginosa is activated 20,000-fold by a cell-wall precursor</i> | Conway C5 |
| 10.00am-10.30am | Morning Tea | Exhibition Hall E1+E2 |
| <u>AMR in the Environment</u> Chaired by Sam Trowsdale (University of Auckland - Waipapa Taumata Rau) | | |
| 10.30am-12.00pm | Isabelle Pattis (AR24) Public Health and Forensic Science TBA | Conway C5 |
| 10.30am-12.00pm | Jake O'Brien (AR25) University of Queensland TBA | Conway C5 |
| 10.30am-12.00pm | Simon Swift (AR26) University of Auckland - Waipapa Taumata Rau TBA | Conway C5 |
| 12.00pm-1.00pm | Lunch | Exhibition Hall E1+E2 |
| <u>Innovative Strategies against AMR</u> Chaired by Jo Hicks (University of Waikato – Te Whare Wānanga o Waikato) | | |
| 1.00pm-1.30pm | Mark Schembri (AR27) University of Queensland <i>Antibiotic resistant superbugs: it's all about the clones.</i> | Conway C5 |
| 1.30pm-1.50pm | Matthew McNeil (AR28) University of Otago - Ōtākou Whakaihū Waka | Conway C5 |

| | | |
|--|--|-----------------------|
| | <i>High throughput genetic interaction screens to guide combination drug design for Mycobacterium tuberculosis.</i> | |
| 1.50pm-2.10pm | Simon Jackson (AR29) University of Waikato – Te Whare Wānanga o Waikato <i>Developing phage therapies to tackle antimicrobial resistance.</i> | Conway C5 |
| 2.10pm-2.30pm | Daniel Pletzer (AR29) University of Otago - Ōtākou Whakaihū Waka <i>Peptidomimetic strategies to tackle drug-resistant co-infections.</i> | Conway C5 |
| 2.30pm-2.50pm | Kristi Biswas (AR30) University of Auckland - Waipapa Taumata Rau <i>The antibiofilm efficacy and safety of a novel QAC for use in rhinosinusitis.</i> | Conway C5 |
| 3.00pm-3.30pm | Afternoon Break | Exhibition Hall E1+E2 |
| <u>Translational Pathways</u> Chaired by Kimberly Jordan (University of Auckland - Waipapa Taumata Rau) | | |
| 3.30pm-4.00pm | Richard Alm (AR31) CARB-X <i>CARB-X – Accelerating the Development of Novel Products to Tackle AMR</i> | Conway C5 |
| 4.00pm-4.30pm | Andrew Bowskill (AR32) AAMRNet <i>Fighting Superbugs: The Australian Antimicrobial Resistance Network (AAMRNet).</i> | Conway C5 |
| 4.30pm-5.00pm | Ghader Bashiri University of Auckland – Waipapa Taumata Rau <i>Final discussion and wrap-up.</i> | Conway C5 |
| | QRW Panel Discussion & Plenary Lecture | |
| 5.30pm-5.40pm | Introduction | Auditorium |
| 5.40pm-6.25pm | Panel Discussion on Aotearoa New Zealand's future research, science & innovation sector Sir Peter Gluckman ONZ KNZM FRSNZ, University of Auckland Professor Emily Parker FRSNZ, Victoria University of Wellington Mark Piper CEO, Plant & Food Research Professor David R. Grattan FRSNZ, University of Otago MC: Dr Marie Bradley Director of strategy, AgResearch | Auditorium |
| 6.30pm-7.40pm | QRW Plenary Lecture <i>Sponsored by Mediscope International Limited</i> Prof. Tak Mak Princess Margaret Cancer Centre, University of Toronto and Centre of Oncology and Immunology, University of Hong Kong <i>Beyond immune checkpoint blockade: emerging strategies</i> | Auditorium |
| 7.45pm-9.30pm | Evening Social Function | Exhibition Hall E1+E2 |

| | | |
|--|--|--|
| | <i>Sponsored by Thermo Fisher Scientific</i> Drinks and nibbles The Great QMB Trivia Night with Pierre de Cordovez | |
|--|--|--|