

5th OHA Symposium Preliminary Programme

Day 1 | 10 December 2019

9.00am Registration
9.45am Mihi whakatau

Session 1

Chair: Sarah Jefferies

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- 10.00am PLENARY Lyn Carter UNIVERSITY OF OTAGO
Tokotoko rangi – the spear from heaven. Mātauranga Māori, climate change, and health
- 10.30am PROFFERED Sherif Ammar UNIVERSITY OF OTAGO, WELLINGTON
Intercepted mosquitoes at New Zealand's ports of entry, 2001 to 2018: Current status and future concerns
- 10.45am INVITED Petra Pearce NATIONAL INSTITUTE OF WATER AND ATMOSPHERIC RESEARCH
Climate change – what does it mean for New Zealand?
- 11.05am INVITED Nicola King INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH
Pathogenic *Vibrio* in New Zealand: Coordinating efforts to understand a cross-sectoral emerging issue

Session 2

Chair: Lucia Rivas

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- 11.25am PROFFERED Tanya Soboleva MINISTRY FOR PRIMARY INDUSTRIES
Microbiological risks associated with the consumption of raw milk. Have these changed since 2014?
- 11.40am PROFFERED Carlos Campos CAWTHRON INSTITUTE
Knowledge and uncertainty in developing sanitary profiles for recreational and shellfish growing waters
- 11.55am PROFFERED Sophie van Hamelsveld UNIVERSITY OF CANTERBURY
Surface water and mahinga kai as vectors of antibiotic resistance
- 12.10pm Lunch

Session 3

Chair: James Ussher

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- 1.10pm PLENARY Samuel Sheppard UNIVERSITY OF BATH
Campylobacter ecology and evolution
- 1.40pm INVITED Sarah Jefferies INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH
Integrating microbial genomics into infectious disease surveillance and outbreak investigations in New Zealand - Implications for One Health Aotearoa
- 2.00pm PROFFERED Sabrina Greening MASSEY UNIVERSITY
Whole-genome sequencing: a new steppingstone in epidemiological investigations
- 2.15pm INVITED Jonathan Marshall MASSEY UNIVERSITY
Where did it come from? Attributing human cases of disease to sources

2.35pm Jack Heinemann UNIVERSITY OF CANTERBURY
PROFFERED Unexplored risks of new generation pesticides, cosmetics and food preservative agents

2.50pm Christina Straub INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH
PROFFERED Culture-independent typing using metagenomics –tracking gonorrhoea in New Zealand

3.05pm Afternoon tea

Session 4

Chair: Pippa Scott

3.30pm Kristin Dyet INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH
INVITED The global antimicrobial resistance crisis: where does New Zealand stand?

3.50pm Mark Bryan VETNZ
PROFFERED Teaching old dogs new tricks- can the dogs invent the tricks

4.05pm Stephen Ritchie UNIVERSITY OF AUCKLAND
PROFFERED Reducing expectations for antibiotics in patients with upper respiratory tract infections: A randomised controlled trial

4.20pm Scott McDougall COGNOSCO, ANEXAFVC
INVITED Antimicrobial use in dairy cattle in New Zealand: evidence for change

Session 5

Chair: Michael Maze

4.40pm OHA Poster Pitch - 1 minute flash presentations

5.00- OHA Poster Session with refreshments and nibbles

6.00pm

Day 2 | 11 December 2019

Session 6

Chair: Marie Moinet

9.30am Brent Gilpin INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH
INVITED Who pooped in my water, what's the health risk from different sources of poo, and how do we keep our water safe for drinking and recreation?

9.50am Meredith Davis MASSEY UNIVERSITY
PROFFERED Presence of antimicrobial resistant bacteria and Shiga toxin-producing *Escherichia coli* in three Canterbury rivers

10.05am Russell Death MASSEY UNIVERSITY
PROFFERED Does land use effect pathogens in New Zealand drinking water supplies?

10.20am Paul Ogbuigwe MASSEY UNIVERSITY
PROFFERED The role of protozoan genotypic diversity in humans: Implications for the epidemiology of cryptosporidiosis and giardiasis in New Zealand

10.35am Morning tea

Session 7

Chair: Garth Harmsworth

11.05am Anthony Capon MONASH UNIVERSITY
PLENARY Planetary Health: Protecting and promoting health in the Anthropocene epoch

11.35am Jackie Benschop + Gerard Prinsen MASSEY UNIVERSITY
PROFFERED An interdisciplinary approach to understanding zoonoses from Tanzania to New Zealand

- 11.50am Cheryl Brunton CANTERBURY DISTRICT HEALTH BOARD
INVITED One Health – a view from a public health unit
- 12.10pm James Dunk UNIVERSITY OF SYDNEY
PROFFERED One Health? The divergence of physical and mental healths in the shadow of planetary crisis
- 12.25PM John Roche MINISTRY FOR PRIMARY INDUSTRIES
INVITED Regaining consumer trust in science in a digital age
- 12.45pm Lunch

Session 8

Chair: Michael Baker

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- 1.45pm Jacqueline Norris UNIVERSITY OF SYDNEY
PLENARY Q fever and companion animals: sentinels or source?
- 2.15pm Leah Grout UNIVERSITY OF OTAGO, WELLINGTON
PROFFERED Zoonotic diseases, livestock densities, social and environmental factors in New Zealand
- 2.30pm Andrew Gormley MANAAKI WHENUA - LANDCARE RESEARCH
INVITED Roll-back eradication of bovine tuberculosis (TB) from wildlife in New Zealand: Concepts, evolving approaches, and progress
- 2.50pm Julie Collins Emerson MASSEY UNIVERSITY
INVITED Leptospirosis vaccination best practice: Let's get real
- 3.10pm Kate Thomas UNIVERSITY OF OTAGO
INVITED Investigating non-typhoidal *Salmonella* in East Africa – a One Health approach
- 3.30pm Jackie Wright INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH
INVITED Ki uta ki tai: A holistic concept for managing Shiga toxin-producing *Escherichia coli* in New Zealand
- 3.50pm Short break

Session 9

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- 4.00pm Nigel French and David Murdoch ONE HEALTH AOTEAROA CO-DIRECTORS
One Health Aotearoa update
- 4.15pm Discussion
- 4.30pm Conference closes
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