

## Preliminary 7<sup>th</sup> OHA Symposium Programme

### Online | 7-8 December 2021

#### Day 1 | 7 December 2021

9.45am Mihi whakatau

#### Session 1

Chair: Nigel French

10.00am David Murdoch UNIVERSITY OF OTAGO, CHRISTCHURCH  
 PLENARY Preparing for the next one – Learning from the lessons of COVID-19

10.30am David Hayman MASSEY UNIVERSITY  
 INVITED One Health approaches to pandemic prevention

10.50am Sarah Rosanowski MINISTRY FOR PRIMARY INDUSTRIES  
 PROFFERED Is it safe to kiss my cat? Informing decision makers during a fast-moving pandemic

#### Session 2 – OHA Poster Pitch

Chair: Amy Scott-Thomas

11.05am 1 minute flash presentations from poster presenters + online poster viewing time  
 PROFFERED

12.00pm Lunch break

#### Session 3

Chair: Kristin Dyet

1.00pm Anneka Anderson UNIVERSITY OF AUCKLAND  
 PLENARY Using rheumatic fever as a lens to elucidate health inequities for Māori and Pacific People in Aotearoa

1.30pm Eloise Jillings MASSEY UNIVERSITY  
 INVITED Exploring the access of Māori to veterinary education

#### Session 4

Chair: Emma Passmore

1.50pm Jonathan Watts and Jackie Wright MINISTRY FOR PRIMARY INDUSTRIES & INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH  
 INVITED The changing face of zoonotic salmonellosis in New Zealand

2.10pm Arindam Basu UNIVERSITY OF CANTERBURY  
 PROFFERED What global warming and our changing lifestyles tell us about emerging epidemics: result of a generalised additive model based time series analysis

2.25pm Rebecca French UNIVERSITY OF SYDNEY  
 PROFFERED The viral ecology of a human, livestock and wildlife community in Uganda

2.40pm Lauren Jelley INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH  
 INVITED The circulation of RSV in New Zealand during the COVID-19 pandemic

3.00pm Mary Tanyitiku LINCOLN UNIVERSITY  
 PROFFERED Snail meat consumption: Do its public health risks surpass its nutritional benefits

3.15pm Afternoon tea break

## Session 5

Chair: Brent Gilpin

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- 3.45pm PLENARY Peter Fraser VICTORIA UNIVERSITY OF WELLINGTON  
A brief history of the economics of colonisation – Some thoughts from Aotearoa
- 4.15pm INVITED Una Ryan MURDOCH UNIVERSITY  
Molecular tracking of cryptosporidium and giardia in water catchments and wastewater
- 4.35pm PROFFERED Marie Moinet AGRESEARCH  
Wildlife poop too: investigating the role of introduced predators and avian species on microbial water quality assessments
- 4.50pm PROFFERED Steve Chambers UNIVERSITY OF OTAGO, CHRISTCHURCH  
Potting mix associated legionnaires' disease – Gloves and masks are they a help or a hazard?
- 5.05pm PROFFERED Megan Devane INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH  
The next steps for sites with elevated *E. coli* concentrations above water quality guidelines

## Day 2 | 8 December 2021

### Session 6

Chair: Iain Lamont

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- 9.30am PLENARY Jose Luis Martinez SPANISH NATIONAL CENTRE FOR BIOTECHNOLOGY  
Pathways for the evolution of antibiotic resistance: From natural ecosystems to hospitals and back
- 10.00am INVITED Juliet Gerrard PRIME MINISTER'S CHIEF SCIENCE ADVISOR  
A report on the work of our expert panel on infectious diseases and AMR
- 10.20am PROFFERED Rose Collis AGRESEARCH/MASSEY UNIVERSITY  
Metagenomic analysis and culture-based methods to examine the prevalence and distribution of antibiotic resistance on two New Zealand dairy farms
- 10.35am Morning tea break

### Session 6 cont

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- 11.00am INVITED Warren Hughes MINISTRY FOR PRIMARY INDUSTRIES  
The regulator and management of antimicrobial resistance
- 11.20am PROFFERED Izzie Alderton INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH  
Emerging organic contaminants and the modulation of antimicrobial resistance

### Session 7

Chair: Sharla McTavish

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- 11.35am PLENARY Sharon Lewin UNIVERSITY OF MELBOURNE  
Challenges in developing treatments for COVID-19: promising approaches for the future including RNA editing
- 12.05pm PROFFERED Kirsten Carter INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH  
From loos to lockdown: Wastewater surveillance of SARS-CoV-2 in Aotearoa
- 12.20pm INVITED Teuila Percival UNIVERSITY OF AUCKLAND  
COVID-19 and Pacific people
- 12.40pm Lunch break

## Session 8

Chair: Jemma Geoghegan

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- 1.45pm  
INVITED Mary van Andel MINISTRY FOR PRIMARY INDUSTRIES  
One one-health journey
- 2.05pm  
PROFFERED Shahista Nisa MASSEY UNIVERSITY  
Emerging sources and pathways for leptospirosis: research methods and interim results
- 2.20pm  
PROFFERED Brent Gilpin INSTITUTE OF ENVIRONMENTAL SCIENCE AND RESEARCH  
Identifying the causes of yersiniosis in New Zealand
- 2.35pm  
INVITED Patricia Priest UNIVERSITY OF OTAGO  
Another One Health journey
- 2.55pm Short break

## Session 9

Chair: Jo McKenzie

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- 3.10pm  
INVITED Nigel French MASSEY UNIVERSITY  
How phylodynamic modelling can help the control of human and animal diseases
- 3.30pm  
PROFFERED Philip Mshelbwala UNIVERSITY OF QUEENSLAND  
Spatial patterns of canine rabies evidence at the local government area level in Nigeria: association with socioeconomic and ecological determinants
- 3.45pm  
PROFFERED Bridget Lamont UNIVERSITY OF OTAGO  
Novel peptoids as treatment for cryptosporidiosis

## Session 10

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- 4.00pm David Murdoch and Nigel French OHA CO-DIRECTORS  
One Health Aotearoa update
- 4.10pm Closing comments

UPDATED: 30 NOVEMBER 2021