



Global One Health Research Partnership

Exchange with Massey University One Health Researchers

15 – 16th March, 2023

SSTE3.43 | Social Science Tower Extension
Massey University, Palmerston North



Wednesday, 15th March 2023 – MASSEY UNIVERSITY PALMERSTON NORTH

Time	Activity	Speakers
8.45 – 9.00	Welcome and introduction to the programme	Jo McKenzie, mEpiLab, School of Veterinary Science
9.00 – 9.15	Modelling emerging infection risk	Renata de Lara Muylaert, mEpiLab, School of Veterinary Science
9.15 – 9.30	Climate change and animal health	Emilie Vallee, Masako Wada EpiCentre, School of Veterinary Science
9.30 – 9.45	A one health approach for leptospirosis detection/surveillance in New Zealand	Sha Nisa, mEpiLab, School of Veterinary Science
9.45 – 10.00	Messages from people with leptospirosis to help officials and insurers	Gerard Prinsen, School of People Environment and Planning
10.00 – 10.20	Social determinants of epidemiology	Spencer Moore, Wageningen University & Research
10.20– 10.30	Discussion	
10.30 – 11.00	Morning tea	
11.00 – 11.40	<p>Introduction to the School of Agriculture and Environment</p> <p>Partnership with Indigenous communities. Exploring how the consideration of One Health from different cultural perspectives will lead to greater benefits</p> <p>The opportunity of pastoral-based farming systems to contribute to global one health research priorities</p> <p>Using water footprinting and variable nutrient attenuation land capacity to help inform productive and environmentally sustainable food production systems</p>	<p>Chris Anderson</p> <p>Jonathan Procter</p> <p>Lucy Burkitt</p> <p>Ranvir Singh</p> <p>School of Agriculture and Environment</p>
11.40 – 12.15	<p>Presentations from Our Land and Water - Healthy Diets programme</p> <p>Aid donors, food security and nutrition in the Pacific</p>	<p>Carolyn, Sita, Matt, School of People Environment and Planning</p> <p>Glenn Banks</p>
12.15 – 12.30	Discussion	
12.30 – 1.30	Lunch	
1.30 – 1.45	Application of metagenomics for water quality monitoring	Rose Collis, AgResearch, Hopkirk Institute
1.45 – 2.00	Chlamydiaceae at the interface of shorebirds and people	Soon Xue Qi, School of Veterinary Medicine
2.00 – 2.15	Review of brucellosis in cattle and humans in China	Yu Wang , EpiCentre
2.15 – 2.25	Discussion	
2.25 – 2.40	One Health research/capacity building at WUR	Wim van der Poel, WUR

2.40 – 2.55	One Health research/capacity building at UCD	Bennie Osburn, UCD
3.00 – 3.30	Afternoon tea	
3.30 – 3.45	One Health research/capacity building at NAU	Yingjuan Qian, NAU
3.45 – 4.05	One Health research/capacity building at MU	Jo McKenzie & Art Subharat, MU
4.05 – 4.15	Discussion and wrap-up	
4.15 – 5.15	Tour of veterinary clinical teaching facilities (TBC)	

Thursday, 16 th March 2023 – MASSEY UNIVERSITY PALMERSTON NORTH		
Time	Activity	Speakers
9.00 – 9.20	AMR research at Massey University	Sara Burgess, mEpiLab
9.20 – 9.40	AMR research at University of California Davis	Richard van Vleck-Pereira, Adriana Garzon
9.40 – 10.00	AMR research at Nanjing Agriculture University	Liping Wang, Zongfu Wu
10.00 – 10.20	AMR research at Wageningen University & Research	Mike Brouwer
10.20 – 10.30	Discussion	
10.30 – 11.00	Morning tea	
11.00 – 12.30	Discussion regarding project to investigate genetic comparison of ESBL+ E coli in livestock from the four countries	
12.30 – 1.30	Lunch	
1.30 – 3.30	Meet with researchers at Massey University	
3.30 – 3.50	Afternoon tea	
3.50 – 4.30	Wrap-up session – discuss collaborative research opportunities	