



GW4 AMR Alliance: 'Our Interdisciplinary Approach to One Health AMR'

Wednesday 16 June, 13:30-17:00 (online webinar)

Final Programme

Welcome and introduction	
Dr Joanna Jenkinson, GW4 Alliance Director	
13:30	The GW4 AMR Alliance Prof Jonathan Knight, FRS University of Bath Chair of the GW4 Alliance Board
Session 1: Keynote presentation and Q&A	
Chair: Prof Neil Gow, FRS (University of Exeter and GW4 Alliance Board) Moderator: Prof Helen Lambert (University of Bristol)	
13:45	Antimicrobial resistance, the prototype One Health problem needing solutions from a global One Health approach Dr Timothy Jinks Head, Drug-Resistant Infections Programme Wellcome Trust
14:15	Break – 5 min
Session 2: What are the drivers of AMR in the One Health domain?	
Chair/Moderator: Dr Susanne Gebhard (University of Bath)	
14:20	One Health drivers of AMR: lessons from research in the UK and Thailand Prof Matthew Avison School of Cellular and Molecular Medicine, University of Bristol

14:30	<p>Social and cultural drivers and strategies to reduce the global burden of antimicrobial resistance</p> <p>Prof Helen Lambert University of Bristol Medical School and UKRI Challenge Leader for Global Health</p>
14:40	<p>The environmental dimensions of AMR</p> <p>Prof William Gaze European Centre for Environment and Human Health, University of Exeter Medical School.</p>
14:50	<p>Biocides: emergence of microbial resistance and cross-resistance to antimicrobials in the One Health context</p> <p>Prof Jean-Yves Maillard School of Pharmacy and Pharmaceutical Sciences, Cardiff University</p>
15:00	<p>Gauging the risk from environmental reservoirs of AMR</p> <p>Prof Ed Feil Milner Centre for Evolution, University of Bath</p>
15:10	<p>Changing paradigms: Six principles for understanding the social drivers of resistance risk</p> <p>Prof Stephen Hinchliffe Wellcome Centre for Cultures and Environments of Health, University of Exeter</p>
15:20	<p>Veterinary medicine use and One Health AMR - known unknowns</p> <p>Dr Kristen Reyher Bristol Veterinary School, University of Bristol</p>
15:30	<p>Tea break</p>
15:45	<p>Panel discussion on future implications for modifying drivers of AMR</p> <p>Chair: Dr Tim Jinks (Wellcome Trust) and GW4 speakers Moderator: Dr Susanne Gebhard (University of Bath)</p>
<p>Session 3: The challenge of antimicrobial-resistant pathogens in the real world and potential interventions</p> <p>Chair/Moderator: Prof Matthew Avison (University of Bristol)</p>	

16:05	<p>A new GW4 Early Career AMR community to develop leads to treat multi-drug resistant pathogens</p> <p>Dr Maisem Laabei School of Biology and Biochemistry, University of Bath</p>
16:15	<p>Challenges of antifungal resistance in clinical practice</p> <p>Prof Adilia Warris MRC Centre for Medical Mycology, University of Exeter</p>
16:25	<p>AMR lung infections in people with cystic fibrosis and antibiotic treatment failure</p> <p>Prof Eshwar Mahenthiralingam School of Biosciences, Cardiff University</p>
16:35	<p>Q&A (5 min)</p>
16:40	<p>Panel discussion on the next big questions in One Health and the agenda going forwards</p> <p>Chair: Prof Matthew Avison (University of Bristol) and all GW4 speakers</p>
16:55	<p>Closing remarks</p> <p>Prof Philip Taylor University of Bristol and GW4 Alliance Board</p>