

### Hybrid Conference Programme

Start (GMT)	Finish (GMT)	Presenter details
<b>Monday 23 March 2026</b>		
12:00	13:00	<b>Registration, lunch and networking</b>
12:45		Briefing for Keynote 1 speaker, Session 1 speakers, microphone runners, chair, moderator & committee - Auditorium
13:00	13:10	<b>Welcome and introductions</b>
		<b>Wellcome Connecting Science:</b> Nagehan Ramazanoglu Bahadir, Wellcome Connecting Science, UK <b>Scientific programme committee:</b> <a href="#">Kate Baker, University of Cambridge, UK</a> <a href="#">Sylvain Brisse, Institut Pasteur, France</a> <a href="#">Sabiha Essack, University of KwaZulu-Natal, South Africa</a> <a href="#">Yonatan Grad, Harvard University, USA</a>
13:10	14:00	<b>Keynote 1</b>
		Chair: Kate Baker, University of Cambridge, UK Moderator: Jackie Toussaint, EMBL-EBI, United Kingdom
13:10	13:40	Overcoming barriers to genomic surveillance of antimicrobial resistance in Nigeria <a href="#">Iruka Okeke, University of Ibadan, Nigeria</a>
14:00	14:05	Comfort break
14:05	15:30	<b>Session 1: Epidemiology and Surveillance innovations</b>
		How can we improve the detection and interpretation of AMR? Chair: Sabiha Essack, University of KwaZulu-Natal, South Africa Moderator: Johanna Dabernig-Heinz, Medical University of Graz, Austria
14:05	14:30	AMR Rules: Interpretive Standards for AMR Genotypes <a href="#">Kat Holt, LSHTM, UK</a>
14:30	15:00	ACORN2: patient-focused AMR surveillance in Africa and Asia <a href="#">Paul Turner, Cambodia-Oxford Medical Research Unit (COMRU), Cambodia</a>
15:00	15:15	Using network analysis and transmission modelling to design an efficient WGS surveillance system to rapidly detect emerging Clostridioides difficile strains in England <a href="#">Diane Poppe, UK Health Security Agency, United Kingdom</a>
15:15	15:30	SubGraphia: Improving Metagenomic Antimicrobial Resistance Gene Detection and Genomic Context Characterisation <a href="#">David Mahoney, Dalhousie University, Canada</a>
15:30	16:15	Refreshment break and networking
16:00		Briefing for session 2 speakers, chair & moderator - Auditorium
16:15	17:45	<b>Session 2: Big Data and Antimicrobial use</b>
		How can big data and advanced analytics deepen our understanding of antimicrobial use and resistance? Chair: Sylvain Brisse, Institut Pasteur, France Moderator: Jackie Toussaint, EMBL-EBI, United Kingdom
16:15	16:45	AllTheBacteria - a community project to assemble, curate, annotate and search all prokaryotic genomes <a href="#">Zamin Iqbal, Bath University, UK</a>
16:45	17:15	The evolutionary dynamics of antibiotic resistance <a href="#">Sonja Lehtinen, ETH Zurich, Switzerland</a>
17:15	17:30	Pre- and postantibiotic epoch: The historical spread of antimicrobial resistance <a href="#">Adrian Cazares, Sanger Institute, United Kingdom</a>
17:30	17:45	Age-sex heterogeneity in the link between antibiotic prescribing in primary care and resistance in Escherichia coli bloodstream infections in England <a href="#">Lanre Edun, LSHTM, United Kingdom</a>
17:45	18:30	<b>Poster pitch talks for odd number posters</b>
		Chair: Sylvain Brisse, Institut Pasteur, France
18:30	19:30	<b>Poster session 1 - odd number posters</b>
19:30		Dinner

19:30	Bar open (card payments only)	
<b>Tuesday 24 March 2026</b>		
09:15	Briefing for Session 3 speakers, chair & moderator - Auditorium	
<b>09:30</b>	<b>11:00</b>	<b>Session 3: Antimicrobial resistance beyond bacteria</b>
		<i>What can we learn about antimicrobial resistance from non-bacterial pathogens?</i>
		<i>Chair: Sabiha Essack, University of KwaZulu-Natal, South Africa</i>
		<i>Moderator: Kara Tsang, McMaster University, London School of Hygiene and Tropical Medicine, Canada and United Kingdom</i>
09:30	10:00	The Forgotten Kingdom: Fungi and Antifungal Resistance in the Big Data Revolution <a href="#">Amelia Barber, Friedrich Schiller University Jena, Germany</a>
10:00	10:30	HIV Drug Resistance Evolution, Botswana Experience <a href="#">Simani Gaseitsiwe, Botswana Harvard AIDS Institute, Botswana</a>
10:30	10:45	Multi-omic profiling reveals genetic markers associated with artemisinin tolerance in Plasmodium falciparum Kelch13 C580Y mutant parasites with different survival phenotypes <i>Anthony Ruberto, University of Georgia, United States</i>
10:45	11:00	Targeted Sequencing as a Tool to Detect and Track Antifungal Resistance: From Fungal Pathogen Identification to Resistance Prediction <i>Isabelle Gagnon-Arsenault, Universite Laval, Canada</i>
11:00	11:45	Refreshment break and networking
11:30	Briefing for session 4 speakers, chair & moderator - Auditorium	
<b>11:45</b>	<b>13:15</b>	<b>Session 4: Innovations in diagnostics and infection prevention</b>
		<i>What diagnostic and prevention technologies can enhance early detection and control of antimicrobial resistance?</i>
		<i>Chair: Sylvain Brisse, Institut Pasteur, France</i>
		<i>Moderator: Kara Tsang, McMaster University, London School of Hygiene and Tropical Medicine, Canada and United Kingdom</i>
11:45	12:15	Genomic AST for NGS Diagnostics <i>Miriam Huntley, Cepheid, USA</i>
12:15	12:45	Antibiotic resistance in the human gut microbiota' <a href="#">Willem van Schaik, University of Birmingham, United Kingdom</a>
12:45	13:00	The Spot and Stop Protocol: Genomic Integration for Timely Outbreak Confirmation and Infection Control in an LMIC AMR Surveillance <i>Pamela Tan, Department Of Health - Research Institute For Tropical Medicine, Philippines</i>
13:00	13:15	From within-host ecology to between-host spread: a theoretical model for ESBL-producing Escherichia coli and Klebsiella pneumoniae <i>Camille Schneider, Institut Pasteur, France</i>
13:15	14:30	Lunch and networking
14:15	Briefing for Session 5 speakers, chair & moderator - Auditorium	
<b>14:30</b>	<b>16:00</b>	<b>Session 5: Novel therapeutics and anti-AMR strategies</b>
		<i>What new therapeutic approaches and strategies are on the horizon for AMR?</i>
		<i>Chair: Yonatan Grad, Harvard University, USA</i>
		<i>Moderator: Johanna Dabernig-Heinz, Medical University of Graz, Austria</i>
14:30	15:00	Developing phage therapy by steering evolved traits in AMR bacteria. <a href="#">Paul Turner, Yale University, USA</a>
15:00	15:30	Vaccines for E. coli and Klebsiella - the challenges and opportunities <a href="#">Susie Dunachie, University of Oxford, UK</a>
15:30	15:45	Reducing Microbial Virulence and Antibiotic Resistance Without Antibiotics: Effects of Yaq001 on the Gut Microbiome <i>Jose Garcia, Kings College London, United Kingdom</i>
15:45	16:00	Scaling Phage therapy by genomic surveillance to combat global antibiotic resistance <i>Balint Kintses, HUN-REN Biological Research Centre Szeged, Hungary</i>
16:00	16:45	Refreshment break and networking
<b>16:45</b>	<b>17:30</b>	<b>Poster pitch talks for even number posters</b>
		<i>Chair: Yonatan Grad, Harvard University, USA</i>
<b>17:30</b>	<b>18:30</b>	<b>Poster session 2 - even number posters</b>
18:30	Dinner	
18:30	Bar open (card payments only)	

**Wednesday 25 March 2026**

09:15 Briefing for Keynote speaker 2, chair & moderator - Auditorium

**09:30 10:20 Keynote 2**

Chair: [Yonatan Grad, Harvard University, USA](#)

Moderator: [Simon Akingbade, University College Hospital Ibadan, Nigeria](#)

From genomes to antibiotics: Leveraging resistance for antibiotic discovery

[Gerry Wright, McMaster University, Canada](#)

10:20 11:05 Refreshment break and networking

10:50 11:00 Briefing for Session 6 speakers, chair, moderator & committee - Auditorium

**11:00 12:35 Session 6: Surviving antimicrobials: persistence, tolerance, resilience**

*What strategies do microbes employ to survive antimicrobials?*

Chair: [Kate Baker, University of Cambridge, UK](#)

Moderator: [Simon Akingbade, University College Hospital Ibadan, Nigeria](#)

11:00 11:30 The evolution of non-canonical forms of drug escape in *M. tuberculosis*  
[Sarah Fortune, Harvard TH Chan School of Public Health, USA](#)

11:30 11:45 Nutrient Environments Dictate Antibiotic Susceptibility Across Gut Bacteria  
[Sonja Blasche, University of Cambridge, United Kingdom](#)

11:45 12:00 Phage-plasmid borne methionine tRNA ligase mediates epidemiologically relevant antimicrobial survival  
[P. Malaka De Silva, University of Cambridge, United Kingdom](#)

12:00 12:30 The archetypes of growth-arrested bacteria: consequences for treatment  
[Nathalie Balaban, Hebrew University, Israel](#)

12:30 12:35 TARGet AMR: the Transdisciplinary Antimicrobial Resistance Genomics Network  
[Kate Baker, University of Cambridge, UK](#)

**12:35 12:45 Closing Remarks**

**Scientific Programme Committee:**

[Kate Baker, University of Cambridge, UK](#)

[Sylvain Brisse, Institut Pasteur, France](#)

[Sabiha Essack, University of KwaZulu-Natal, South Africa](#)

[Yonatan Grad, Harvard University, USA](#)

12:45 13:45 Lunch and departures

13:45 Coach departures for Stansted and Heathrow airports

14:00 Coach departures for Cambridge train station and city centre