

Preliminary Program for the SURE-AMR Summer School and Workshop at the Institute for Hygiene and Public Health (University Hospital Bonn, Germany)

Summer School: *Transmission of clinically relevant AMR genes between different sectors within the OHA framework* – 14.-16.09.26

Monday, 14.09.2026	Topic
9:00 – 9:30	Welcoming Remarks and Introduction
9:30 – 10:30	Keynote Lecture Antimicrobial resistance - prevalence and transmission routes
10:30 – 11:00	Coffee/Networking Break
11:00 – 12:30	Sectoral perspectives AMR in healthcare settings in light of conflict situations AMR and animal health
12:30 – 13:30	Lunch Break
13:30 – 15:00	Interactive – Intervention Points in Complex Systems Dissemination of AMR via wastewater AMR in the environment – the impact of plastic
15:00	Synthesis Day 1

Tuesday, 15.09.2026	Topic
9:00 – 9:15	Opening Session Day 2 – Review Day 1
9:15 – 10:15	Keynote lecture Genomic Approaches for One Health AMR Surveillance
10:15 – 10:45	Coffee/Networking Break
10:45 – 12:30	Special – From Sequence Data to Transmission Hypotheses WGS & Metagenomic datasets (human medicine) WGS & Metagenomic datasets (veterinarian medicine)
12:30 – 13:30	Lunch Break
13:30 – 14:00	Applied & Industry Perspective Comprehensive microbial genome sequencing and resistance monitoring
14:00 – 15:00	Governance perspectives European Commission – Water Resilience WHO CC - Global AMR
15:00	Synthesis Day 2

Wednesday, 16.09.2026	Topic
9:00 – 9:15	Opening Session Day 3 – Review Day 2
9:15 – 10:15	Keynote Lecture Biology & Genetics of AMR, MGEs and phage-therapy under the OHA
10:15 – 10:45	Coffee/Networking Break
10:45– 11:45	Round table discussion + open questions AMR within the One Health approach
12.00	Synthesis Day 3 / Final Remarks

Workshop / Expert Roundtable: *Novel antimicrobial agents for the treatment of multidrug resistant bacterial infections - treatment indications and pitfalls in susceptibility testing – 17.-18.09.26*

Thursday, 17.09.2026	Topic
13:30 – 14:00	Welcoming Session AMR in Low- and middle-income countries
14:00 – 15:00	Session 1: Novel Antimicrobial Agents – Promise vs. Practice Clinical relevance of novel antimicrobials Evolving resistance mechanisms Impact on clinical practice
15:00 – 15:15	Coffee Break
15:15 – 16:15	Session 2: Treatment Indications – Navigating Grey Zones Carbapenemase-producing Enterobacterales MDR Acinetobacter /Pseudomoas XDR/PDR treatment options
16:15	Synthesis Day 1

Friday, 18.09.2026	Topic
9:00 – 9:15	Recap Day 1
9:15 – 10:15	Session 3: Pitfalls in Susceptibility Testing for Novel Agents In vitro vs. in vivo discrepancies EUCAST / CLSI breakpoints and challenges for novel agents Clinical consequences and misinterpretation
10:15 – 10:30	Coffee Break
10:30 – 12:00	Session 4.1: (Novel) antimicrobials in special patient populations Experiences from Hemato-Oncology Experiences with immunodeficient patients / HIV and PrEP
12:00 – 13:00	Lunch Break
13:00 – 14:00	Session 5: Military and AMR (Novel) antimicrobial in conflict situations Military infrastructure and AMR
14:00 – 15:00	Synthesis Day 2 – Free networking and open discussion