
Antibiotics

2026
Conference

Antibiotics 2026 - Advances in Antimicrobial Action and Resistance

List of Posters

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Poster Session A

Tuesday, 12 May 2026 (13:15 – 15:00, 16:00 - 16:30)

Session	Number	Author	Title
A	1	Ahlam Alghamdi	Shorter Versus Longer Course of Antibiotics for Bloodstream Infections Caused by Carbapenemase-Producing <i>Klebsiella pneumoniae</i> : A Multicenter Study in Saudi Arabia
A	2	Aira Charlien Rupita De Guzman	River Tributaries as Conduits of Antimicrobial Resistance: Genomics of <i>Escherichia coli</i> Draining into Laguna de Bay, Philippines
A	3	Ana Rodrigo-Moreno	Hospital outbreak of VanA <i>Enterococcus faecium</i> : microbiological characterization and in vitro activity of oritavancin
A	4	Bekir Özer	Evaluation of Synergistic Activity and In Vitro Efficacy of Imipenem/Relebactam in Combination with Amikacin and Tigecycline Against Clinical <i>Burkholderia cepacia</i> Complex Isolates
A	5	Dilşan Akçay	Antimicrobial Resistance Profiles Of <i>Escherichia Coli</i> And <i>Klebsiella Pneumoniae</i> Isolated From Cattle Farms Within A One Health Framework
A	6	Efstathios Giaouris	Phenotypic Profiling of Biofilm Formation and Antibiotic Susceptibility in Poultry-Derived <i>Listeria monocytogenes</i> Isolates
A	7	Esther van der Werf	Addressing Antimicrobial Resistance: The Potential Role Of Homeopathy
A	8	Ewa Korzeniewska	Prevalence Of Vancomycin Resistance Genes In Polish Hospital Wastewater
A	9	Ewa Kotlarska	Isolation And Characterization Of Bacterial Strains Resistant To Beta-Lactam Antibiotics, Including Carbapenems, From The Polish Baltic Sea Coast
A	10	Ewelina Skrzypiec	Antimicrobial Resistance Of <i>Salmonella Typhimurium</i> In Pig Production In Poland: Phenotypic And Genotypic Analysis
A	11	Fésüs Adina	Steady-State Concentrations Of Clarithromycin Under Different Routes Of Administration In Pneumonia: Risk Factors And Clinical Outcomes
A	12	Geoffrey Coombs	Identification of a SCCmec-mecC Hybrid in Methicillin-Resistant <i>Mammaliicoccus sciuri</i> from Australian Wildlife
A	13	Georgios-Nikolaos Kartanos	Metagenomic Insights Into Circulation And Maintenance Of Antibiotic Resistome In Intensive Dairy Farm Environments

A	14	Inga Bona	Dogs And Cats As A Potential Reservoir Of Resistant Escherichia Coli
A	15	Jannelle Mendoza-León	T3SS Virulence Factors And Antimicrobial Resistance Of Pseudomonas Aeruginosa Isolated From Medical Devices Of Peruvian Inpatients In Critical Care Units
A	16	Julio Parra-Flores	Detection Of Antibiotic Resistance And Virulence Genes In Salmonella Strains Isolated From Retail Foods In Chile
A	17	Katarina Novovic	Seasonal Dynamics Of The Airborne Resistome And Mobilome Across Diverse Environments In The Belgrade Metropolitan Area
A	18	María Carmen Simón	Study Of Antimicrobial Susceptibility Of Enterococcus Spp Isolated From Mammals From The Autonomous Community Of Aragón (Spain)
A	19	Márió Gajdács	Environmental Reservoirs Of Carbapenem-Resistant Escherichia Coli ST131 And ST69 In Zambia: A One Health Genomic Study
A	20	Márió Gajdács	Pharmacists' Observations And Attitudes Towards Medication Supply And Community Self-Medication Intentions During The COVID-19 Pandemic: A Qualitative, Descriptive Study
A	21	Manal Rossi	Silent Invaders: When Neonatal Devices Become Gateways To Antibiotic Resistance
A	22	Marju Sammul	Antibiotic Treatment In Humans And Companion Animals – Is A Pet Like A Human?
A	23	Monika Harnisz	In Search Of Sensitive Indicators Of River Environmental Health At The Catchment Scale
A	24	Muriel Chaudhri	Investigating The Prevalence Of Cefotaxime-Resistant E. Coli And Antibiotic Resistance Genes In Drinking Water In Scotland
A	25	Nora Mestorino	Extracellular and Intracellular Activity of Rifaximin α Against Bovine Staphylococcus aureus: Implications for Early Mastitis Therapy
A	26	Patrick Philip Atendido Salvador	A One Health Assessment of Antimicrobial Resistance Genes in Escherichia coli from Laguna de Bay, Its Tributary Rivers, and Surrounding Backyard Farms in the Philippines
A	27	Parul Thapar	Isolation and Characterization of Peptide molecules from Levilactobacillus brevis and their application as Antimicrobials
A	28	Pervin Soyer	Polymeric Nanoparticle-Mediated Enhancement of Cefuroxime Axetil: Potent Antibiofilm Activity Against Biofilm-Forming Pathogens
A	29	Pool Marcos Carbajal	Oneperu: Peruvian Bioinformatics Platform To Contribute To The Fight Against Antimicrobial Resistance

A	30	Renu Bisht	Integrating Competitive Bioassays And Mechanistic Models To Assess Environmental AMR Selection
A	31	Samia S. Alkhalil	Evaluating the Influence of Interactions Among Selected Enterobacteriaceae on Antibiotic Resistance Profiles
A	32	Saloni Sahu	Progress On CPD 14, A Potential Bam Complex Inhibitor
A	33	Ulan Kozhamkulov	Drug Resistance Of M. Tuberculosis To Pyrazinamide Among Drug-Resistant Clinical Isolates, Including MDR/XDR Strains In Kazakhstan
A	34	Walid Atiki	One Health Surveillance Of Environmental Escherichia Coli And Antimicrobial Resistance In Broiler Production Systems In Morocco
A	35	Wan Munira binti Wan Jaafar	Gender and Equity as Social Determinants of Antimicrobial Resistance (AMR) in Malaysian Shrimp Aquaculture: A One Health Study
A	36	Yetsenia Yetsebel Fruto-Martinez	Isolation of Multi-Resistant Bacteria to Antibiotics of the ESKAPE Group from Hospital Wastewater and the WWTP of Panama
A	37	Yolanda Sáenz	Pseudomonas Aeruginosa Extracellular Vesicles As Carriers Of Antimicrobial Resistance And Virulence Factors
A	38	Yolanda Sáenz	Antimicrobial Resistance, Virulence And Genetic Diversity Of Escherichia Coli From A Hospital Food Service
A	39	Zhixin Fan	China's Response To Antimicrobial Resistance Governance Practices, 2017-2024: A Systematic Gap Analysis Based On Artificial Intelligence
A	40	Ahlam Alghamdi	A Stepwise Diagnostic Stewardship Intervention For Ordering Urine Cultures In Saudi Arabia: A Prospective Pre- And Post-Implementation Study

Poster Session B

Wednesday, 13 May 2026 (10:45 – 11:15, 13:15 – 15:00)

Session	Number	Author	Title
B	1	Allen Amburose Stephen	Phytocompounds Present In Essential Oils Used As Alternative Antimicrobial Agents Against Escherichia Coli O157:H7
B	2	Ana Rodrigo-Moreno	In vitro activity of eravacycline against cefiderocol-resistant ESBL/NDM-producing Enterobacterales: a preliminary series
B	3	Ana Rodrigo-Moreno	Genomic co-occurrence of blaNDM-5 and yersiniabactin-associated loci in cefiderocol-resistant Enterobacterales
B	4	Angiola Guidone	Hybrid Biomaterial Based On PCL, Mn-HA And Inulin-g-bPEI-PLA: Evaluation Of Its Antimicrobial Potential
B	5	Adán Gustavo López Fernández	Isolation And Biological Characterization Of Specific Bacteriophages Against Klebsiella Pneumoniae And Serratia Marcescens From Hospital Wasterwater And The Panama, WWTP
B	6	Bekir Özer	Assessment Of The Synergistic Activity Of Imipenem/Relebactam In Combination With Meropenem And Tigecycline Against Burkholderia Cepacia Complex Isolates
B	7	Bruna Negrisoni	New insights into peptide Docking and Molecular Dynamics for β -lactamase inhibitor discovery.
B	8	Carmen I. Bárcenas-López	Cefiderocol And Mortality Outcomes In Carbapenem-Resistant Acinetobacter Baumannii Infections, A Narrative Evidence Review
B	9	Cristina Cantallops Vilà	In Situ Mineralization Of Alginate Hydrogels With Nisin: A Bioactive Material For Bone Applications
B	10	Cristina Prudêncio	Study Of The Behavior Of The Pair Klebsiella Pneumoniae Carbapenems In Several European Counties By Clustering Health Data Time Series With The Generalized Affinity Coefficient
B	11	Donatella Ottaviani	Halobacteriovorax To Kill Multi-Drug-Resistant Escherichia Coli And Salmonella
B	12	Ewa Kotlarska	Exploring Antimicrobial Potential of Mytilus Genomic Resources
B	13	Francesc Rabanal Eudald Asensio	Dual Approach To Reduce Toxicity In Polymyxins And Regain Activity Against Colistin-Resistant Strains
B	14	Flavia Marinelli	Searching For Novel Adjuvants of β -lactam Antibiotics To Contrast Multidrug Resistant Gram-Negative Bacteria

B	15	Fésüs Adina	Evaluation Of Antibiotic Use In Patients Admitted To The Intensive Care Unit (ICU) With Pneumonia-Sepsis: Retrospective Observational Before-After Study
B	16	Georgios – Nikolaos Kartanos	Unravelling blaIMP Carbapenemase Gene Genetic Context In Dairy-Cattle And Environmental Metagenomes
B	17	Guangshun Wang	Advance in Developing Antimicrobial Peptides with Systemic Efficacy
B	18	Isabel Cristina Conceição Periquito	Docking-based Screening And Interaction Analysis Of B-Lactamase Inhibitors Targeting TEM-1, KPC-2 and BclI
B	19	Julie Eliene Hernandez-Salmeron	Functional Characterization Approach To Identify Novel Antimicrobial Resistance Genes Using Cosmid Libraries From Pseudomonas Spp.
B	20	Karen Pillay	Nature's Nanofactory: Leveraging Medicinal Plants As Novel Therapeutics
B	21	Kaouthar Elbirgui	Antibacterial Potential of Organ-Specific Extracts from Ebenus pinnata Aiton, Correlation with Phenolic Composition revealed by UHPLC–ESI–MS
B	22	Lewis Jackson	Biochemical and structural characterisation of the MurC-Ddl chimera in Chlamydia pneumoniae
B	23	Márió Gajdác	Structural Determinants Of Systemic Antibiotic Use In Hungary, 2010 To 2022: Empirical Evidence For Policy Action
B	24	Márió Gajdács	Antimicrobial Resistance-Related Knowledge And Practices Among Biology And Pharmacy Students: A Questionnaire-Based, Single-Centre, Cross-Sectional Study Applying The Special Eurobarometer 478 Methodology
B	25	Márió Gajdács	Physicians' Knowledge, Attitudes, And Practices Related To The Management Of Helicobacter Pylori-Induced Gastric Ulcers: A Questionnaire-Based, Cross-Sectional Study In Pakistan
B	26	Marianno Franzini	SIOOT oxygen-ozone therapy against multidrug resistant bacteria. Perspectives and future remarks
B	27	Maxime Decodts	Phage- Loaded Biomimetic Apatite Powder And Biofilms
B	28	Maëlle Duffey	Extending The Potency And Lifespan Of Antibiotics: Inhibitors Of Gram-Negative Bacterial Efflux Pumps
B	29	Mehlayl Tariq	Design and Evaluation of Metallacarborane-Peptide Conjugates as Novel Antimicrobial Agents
B	30	Mark Willcox	Computational Evaluation of Mel4 and Lactoferricin Interactions with Adenovirus and Norovirus Capsids
B	31	Miguel García-Ferrús	Antibiotic-Resistant Bacteria Isolated From Fresh Organic Vegetables Sourced From Local Producers In Eastern Spain

B	32	Nehal Abu-Lail	Potential Use Of Honey As An Antibiotic For Staphylococcus Aureus: An AFM Study
B	33	Noémie Angelvin	3D Printing And Functionalization To Create A Hemoperfusion Cartridge
B	34	Nora Mestorino	Oregano–Rosemary Essential Oil Combinations as Potential Growth-Promoting Alternatives in Poultry: Evidence from Bacterial Time–Kill Curves
B	35	Raneen Hijaze	Underrepresented Sequence–Derived Peptides as a Novel Antimicrobial Platform to Mitigate Resistance Development
B	36	Suleman Irfan	Isolation And Characterization Of Bacteriophages Active Against Pseudomonas Aeruginosa Strains Isolated From Ocular Infection
B	37	Weronika Czekala	Genome-wide CRISPRi-seq identifies essential genes modulating antibiotic resistance in Pseudomonas aeruginosa
B	38	Zeina Khattab	Natural compounds Interactions and Sequential Quercetin–Ciprofloxacin Application as Non-Bactericidal Strategies against MRSA Biofilms