

Poster Number	Title	Presenting
A05	Interactions between <i>Pseudomonas aeruginosa</i> and <i>Burkholderia multivorans</i> in an ex vivo model of cystic fibrosis	Simran Patel
A06	Behavioural Drivers of Antibiotic Misuse and AMR in Nigeria: A Cross-Sectional Study	Raphael Galleh
A07	Enhancing the Teaching of Cellular and Molecular Pathology Using Immersive Virtual Reality	Raphael Galleh
A08	Prevalence of Multidrug-Resistant and ESBL-Producing Gram-Negative Bacteria in Fresh Lamb Meat from Retail Butchers in Riyadh, Saudi Arabia	Esraa Aldawood
A09	Accelerating Genomic Biodiversity: Insights and Efficiency Gains from the Fungarium Sequencing Project	Denise Patel
A10	Phylogenetic relatedness of <i>Pseudomonas aeruginosa</i> and its mobile genetic elements across the human-animal interface	Corey Woods
A11	Evaluating Hypericin-Based Photodynamic Therapy Against Monospecies Biofilms of <i>Pseudomonas aeruginosa</i> and MRSA: Effects on Viability and Biomass	Mohammed Tumsah
A12	Outer membrane vesicles from carbapenem-resistant <i>A. baumannii</i> reshape macrophage immune responses, with long non-coding RNAs and alternative splicing serving as regulatory layers.	Abera Abdeta Kitaba
A13	Modelling the Effect of Inner-Membrane Protein Production On Sec-Mediated Translocation in <i>E. coli</i>	Adam Wood
A14	Repurposing kinase-targeting inhibitors against the SARS-CoV-2 main protease (Mpro) for developing broad-spectrum antivirals against coronaviruses	Ayesha Siddiq
A15	Seasonal Variation in Empirical Antibiotic Coverage for Bacteraemia: An NHS Trust-wide Audit	Zara Small
A16	Testing reference-free tools for phylogenetic clustering in malaria parasites	Charlotte Campbell
A17	The impact of the environment on antibiotic accumulation and susceptibility	Asti-Rochelle Meosa John
A18	Bacteriocins for the treatment of urinary tract infections	Sarah Mawer
A19	Investigating the antiviral activity of <i>Nicotiana</i> plant extracts against human coronaviruses	Grace Lee
A20	The role of the cAMP receptor protein in antimicrobial resistance and virulence gene regulation in pathogenic <i>Klebsiella pneumoniae</i> .	Reshma Kurian
A21	Gut Feeling: Can Reference-Free Methods Stomach <i>H. pylori</i> 's Genomic Diversity?	Faiza Ahmad
A22	Characterization of a Novel Trimeric Autotransporters Adhesins (TAAs) from Enteropathogenic <i>Escherichia coli</i> (EPEC) Including Novel Accessory Proteins.	Olanrewaju Ishola
B01	Longitudinal genomic analysis reveals diversifying resistance drivers in a multi-center genomic study of Enterobacterales	Nicoletta Commins
B02	The Interplay Between Antibiotic Efflux and Plasmid-Mediated Antibiotic Resistance	Anna Amorgianou
B03	Microencapsulation of the Oral Microbiome: a step towards Oral Microbiome Transplantation (OMT)	Emily Burke
B04	Prebiotic-Coated Microcomposites for Targeted Growth of Beneficial Gut Commensals	Esther Gbadebo
B05	The lanosterol catabolism pathway in NTMs as a target for novel antimicrobials	Lauren Hatfield
B06	EnvR is a potent repressor of <i>acrAB</i> transcription in <i>Salmonella</i>	Pauline Ann Siasat
B07	Regulation of virulence gene expression in Enteroaggregative <i>Escherichia coli</i> (EAEC)	Mansi Tamboli

B08	Engineering tuneable membrane composition in E. coli for membrane protein production.	Ana Carolina Almeida
B09	Influence of Urinary Tract Physiological Factors on Ethidium Bromide Accumulation in Escherichia coli and Klebsiella pneumoniae	Tetiana Denysko
B10	Faecal Microbiota Transplantation as the Ultimate Inflammatory Bowel Disease Remedy	Isobel Goodger
B11	Harnessing PROTAC-Mediated Kinase Degradation for Next-Generation Antiviral Strategies	Gemma Cooper
B12	Reaction of C2-carboxypenamams with penicillin-binding proteins proceeds via unusual SO <sub>2</sub> release mechanism	Dorian-Gabriel Muntean
B13	Establishing a Synthetic Gut Microbiome Community to Study Antimicrobial Resistance	Nneka Igwebuikwe
B14	Revealing the dose effects of calcium peroxide on feed intake and digestibility during modulation of rumen oxidation reduction potential in beef cattle	Alison Graham
B15	How do cyanobacteria organise cell physiology with the changing seasons?	Isobel Banks
B16	Development of an experimental framework to study the lung microcosm in airway diseases	Miles Oke
B17	Inaugural outcomes of active and passive animal health surveillance in western Uganda: Enhanced capacity for detection of antimicrobial resistance (AMR)	Fahad Lwigale
B18	Clinical, Haematological and Genetic Markers of Antibiotic-Resistant Bacterial Isolates from Children Admitted with Sepsis in Kaduna State, Nigeria	Sani Musa
B19	Mapping of blaKPC-2 mutations conferring ceftazidime-avibactam resistance using random mutagenesis	Hawa Ahmed
B20	Discovery and functional characterisation of Novel dual-action therapeutics from Streptomyces bacteria	Taimoor Khan
B21	Why does Acinetobacter lwoffii not become resistant to antibiotics?	Emilie Dewever
B22	Targeting EHEC Virulence with Streptomyces-Derived Compounds	Emily Horsburgh
B23	Simulating host environment: impacts on Pseudomonas aeruginosa biofilm in a high validity model of Ventilator-Associated Pneumonia (VAP)	Ayomikun Kade