

International Conclave on AMR and Future of Antibiotics (ICAFA – 2023)

November 8-9, 2023

In association with

Funding



Programme Schedule

DAY 1 November 08

8:00 AM - 9:00 AM

REGISTRATION AND BREAKFAST

INAUGURAL SESSION

9:00 AM - 9:25 AM

INAUGURATION

SESSION 1 : AMR in One Health

9:25 AM – 10:00 AM

Keynote : Dr Bhabatosh Das

Translational Health Science and Technology Institute, Haryana

Functional and Genetic Heterogeneity of Antimicrobial Resistance Among Multidrug-Resistant Gram-negative Pathogens

10:00 AM – 10:25 AM

Dr Krishna Kumar B

NITTE University Centre for Science Education and Research, Mangaluru

Unifying Genomic Datasets: Leveraging Metadata Standardization for AMR Interpretation in a One Health Context

10:25 AM – 10:50 AM

Dr Usha Lamichhane

Global AMR R&D Hub Secretariat, Germany

The Global AMR R&D Hub: Global Knowledge Centre and Driving Force for Evidence-based AMR Advocacy

10:50 AM – 11:15 AM

Dr Maarten van Dongen

AMR Insights, Netherland

Microbiome and Antimicrobial Resistance from a One Health Perspective

11:15 AM -11:30 AM

TEA BREAK

SESSION 2 : AMR and Environment

11:30 AM -11:55 AM

Dr Simon Doherty

Queen's University Belfast, UK

AMR: Investing in Animal Health to Support One Health

11:55 AM – 12:20 PM

Prof. P Anand Kumar

Sri Venkateswara Veterinary University, Andhra Pradesh

Antimicrobial Resistance Surveillance and Containment Programmes in Andhra Pradesh

12:20 PM – 12:45 PM

Dr K Pani Prasad

ICAR-Central Institute on Fisheries Education, Mumbai

Antimicrobial Resistance (AMR) Surveillance in Aquaculture

12:45 PM – 1:45 PM

LUNCH

SESSION 3 : AMR and Genomics

1:45 PM -2:10 PM

Prof. Niyaz Ahmed

University of Hyderabad, Hyderabad

Dynamics and Evolution of Multiple Drug Resistant Bacteria in Human and Animal Settings: Implications for Global Infection Control Priorities

2:10 PM – 2:35 PM

Dr Shijulal Nelson Sathi

Rajiv Gandhi Centre for Biotechnology, Trivandrum

Evolutionary Route of Antibiotic Resistance in Staphylococcus aureus

2:35 PM – 3:00 PM

Prof. Burra V L S Prasad

K L University, Guntur

Innovative Strategies Against Antimicrobial Resistance (AMR): Advancing Tuberculosis Mitigation

3:00 PM – 3:15 PM

TEA BREAK

Session 4: AMR – Action Plans and Policy

3:15 PM – 3:40 PM

Dr Phil Packer

Innovate UK

The UK Response to AMR: With Emphasis on PACE (Pathways to Antimicrobial Clinical Efficacy)

3:40 PM – 4:05 PM

Dr GVS Murthy

The London School of Hygiene & Tropical Medicine, UK

The Missing Link in AMR Control Activities: The Civil Society

PANEL DISCUSSION

4:05 PM – 5:30 PM

Prof. Jayaseelan Murugaiyan

SRM University-AP

Dr Courtney Soulsby

Global Director, Healthcare and Life Sciences Sector

Dr Joanna Wiecek

CSO, CircaGene, UK

Dr Mandy Nevel

Head of Animal Health and Welfare, AHDB, UK

Dr Peter Coombs

LifeArc, UK

Dr Robin Cohen

Innovate UK

Prof. Ranga Reddy Burri

Infection Control Academy of India (IFCAI), India

Prof. Bipin Kumar G Nair

Amrita Vishwavidyapeetham, Amritapuri

Dr Deepti Vepakomma

AIIMS, Mangalagiri

Dr Mike Strange

LifeArc

5:30 PM – 6:30 PM

CULTURAL EVENTS

6:30 PM – 7:30 PM

STUDENT NETWORKING

7:30 PM – 9:00 PM

DINNER



DAY 2 November 09

8:00 AM – 9:00 AM

BREAKFAST

SESSION 5 : Alternative to Antibiotics

9:00 AM – 9:25 AM

Prof. Geetha Kumar

Amrita Vishwavidyapeetham, Amritapuri

From Anti-virulence Strategies to Bacteriophages: Resisting Antimicrobial Resistance

9:25 AM – 9:50 AM

Dr Nagendra Hegde

National Institute of Animal Biotechnology (NIAB), Hyderabad

Bacteriophages in Mitigating AMR

9:50 AM – 10:15 AM

Prof. Vikas Jain

Indian Institute of Science Education and Research (IISER), Bhopal

Molecular Designing of a Small Phage-derived Therapeutic against Drug Resistant Mycobacterium tuberculosis

10:15 AM – 10:40 AM

Dr Arunasree

University of Hyderabad, Hyderabad

Host-directed Immunotherapy and Bacteriophages for AMR Infections

10:40 AM – 10:55 AM

TEA BREAK

10:55 AM – 11:20 AM

Dr T Ramamurthy

ICMR-National Institute of Cholera and Enteric Diseases, Kolkata

Perceiving the Role of Transcriptome in Antimicrobial Resistant Pathogens

SESSION 6 : Young Scientist Session

11:20 AM – 11:35 AM

Dr Tridib Mahata

Postdoctoral Researcher, Tel Aviv University, Israel

T5 phage-encoded Antimicrobials

11:35 AM – 11:50 AM

Dr Gyanendra P Dubey

DBT-Ramalingaswami Fellow, University of Hyderabad, Hyderabad

Decrypting the Edge of Bacterial Cell-to-cell and Gut Bacterial-intestinal Host Cell Interaction

11:50 AM – 12:05 PM

Sezanur Rahman

Senior Research Officer, International Centre for Diarrhoeal Disease Research, Bangladesh

iPHaGe Study: Identifying Lytic Phages as Potential Alternatives to Antibiotics for Combating Multidrug-Resistant Enterobacteriaceae

12:05 PM – 12:20 PM

Dr Vijaya Kumar Deekshit

NITTE University Centre for Science Education and Research, NITTE, Mangaluru

Role of In-vitro Gut Conditions in Modulating Antimicrobial Resistance and Biofilm Forming Ability of Gut Pathogens

12:20 PM – 12:35 PM	Dr Vidhya Prabhakar Kodali Assistant Professor- Vikrama Simhapuri University, Nellore <i>Antagonistic Activities of Pongamia pinnata against Biofilm Forming Bacteria</i>
12:35 PM – 12:50 PM	Dr Chetana Baliga DBT-Ramalingawami Fellow , Ramaiah University of Applied Sciences, Bengaluru <i>Expanding the Antimicrobial Activity of Peptide Antibiotics that Inhibit Translation Termination</i>
12:50 PM – 1:00 PM	Dr Roshan Naik Founder , Diagopreutic Pvt Ltd, Goa <i>Same Day Visual Quantitative Antibiotic Sensitivity Assay Directly from Clinical Samples</i>
1:00 PM – 1:10 PM	Dr Sridharan Senior Manager- Products , Genotypic Technology Pvt Ltd., Bengaluru <i>Antimicrobial Drug Resistance - Fast and Rapid Eucidation using Nanopore Sequencing</i>
1:10 PM– 2:00 PM	LUNCH

SESSION 7 : AMR and Pathogen Strategies

2:00 PM – 2:25 PM	Prof. Dipshikha Chakravortty Indian Institute of Sciences (IISc), Bangalore <i>Right to Live - How Far We Can Go? Newer Strategies to Tackle AMR</i>
2:25 PM – 2:50 PM	Prof. Medicharla V Jagannadham University of Hyderabad, Hyderabad <i>Functional Analysis of Membrane Vesicles of Bacteria</i>
2:50 PM – 3:15 PM	Dr Saravanan Matheshwaran Indian Institute of Technology (IIT), Kanpur <i>Targeting Mycobacterial "SOS" Response- A Strategy to Toggle Antimicrobial Resistance (AMR)</i>
3:15 PM – 3:30 PM	TEA BREAK
3:30 PM – 5:00 PM	ORAL AND POSTER PRESENTATIONS – PARALLEL SESSION
5:00 PM – 5:30 PM	VALEDICTORY