

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

November 8, 9 - 2023

In association with



Innovate
UK



Funding



Program

DAY 1 08th November

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 (THSTI), Faridabad
*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, Netherlands
*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 **Dr P. Anand Kumar**
NTR College of Veterinary Science, 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 Omics

- 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 (RGCB), 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

PANNEL DISCUSSION

Prof. Jayaseelan Murugaiyan

SRM University AP

Dr Robin Cohen

Innovate UK

Dr Courtney Soulsby

Global Director, Healthcare and Life Sciences
Sector

Prof. Ranga Reddy Burri

Infection Control Academy of India (ICAI),
India

4:05 pm – 5:30 pm

Dr Joanna Wiecek

CSO, CircaGene, UK

Prof Bipin Kumar G. Nair

Amrita Vishwa Vidyapeetham, Amritapuri

Dr Mandy Nevel

Head of Animal Health and Welfare, AHDB, UK

Dr Deepti Vepakomma

AIIMS, Mangalagiri

Dr Peter Coombes

LifeArc, UK

Dr Mike Strange

LifeArc

5:30 pm – 6:30 pm

Cultural Events

6:30 pm – 7:30 pm

Students networking

7:30 pm – 9:00 pm

DINNER

DAY 2 09th November

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, Hyderabad Central University, 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

Antagonistic activities of Pongamia pinnata against biofilm forming bacteria

12:35 pm – 12:50 pm

Dr Chetana Baliga

DBT-Ramalingaswami Fellow, Ramaiah University of Applied Sciences, Bengaluru

Expanding the antimicrobial activity of peptide antibiotics that inhibit translation termination

12:50 pm – 1:00 pm

Dr Roshan Naik

Founder, Diagopreutic Pvt Ltd, Goa

Same day visual quantitative antibiotic sensitivity assay directly from clinical samples

1:00 pm – 1:10 pm

Dr. Sridharan

Senior Manager-Products, Genotypic Technology Pvt Ltd., Bengaluru

Antimicrobial Drug Resistance - Fast and Rapid elucidation using Nanopore Sequencing

1:10 pm– 2:00 pm

LUNCH

SESSION 7 : AMR and Pathogen strategies

2:00 pm – 2:25 pm

Prof Dipshikha Chakravorty

Indian Institute of Sciences (IISc), Bengaluru

Right to Live - How far we can go? Newer strategies to tackle AMR

2:25 pm – 2:50 pm

Prof Medicharla V Jagannadham

University of Hyderabad, Hyderabad

Functional Analysis of Membrane Vesicles of Bacteria

2:50 pm – 3:15 pm

Dr Saravanan Matheshwaran

Indian Institute of Technology (IIT) - Kanpur

Targeting Mycobacterial “SOS” Response- a strategy to toggle Antimicrobial Resistance (AMR)

3:15 pm – 3:30 pm

TEA BREAK

3:30 pm – 5:00 pm

Students Oral and Poster Presentations – Parallel Session

5:00 pm – 5:30 pm

Valedictory