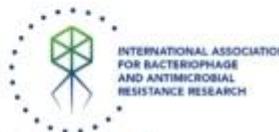


ONE HEALTH, ONE SOLUTION: Bacteriophages Against AMR

17th January, 2026

**Department of Biological Sciences
BITS Pilani, K K Birla, Goa Campus, Goa, India**



Calendar of Events

Conference

ONE HEALTH, ONE SOLUTION: Bacteriophages Against AMR

Date: 17 January 2026

Venue: DLT-9, BITS Pilani K K Birla Goa Campus

10:00 – 10:15 | Registration

10:15 – 10:25 | Welcome Address

Prof. Meenal Kowshik

Dean [Administration]

BITS Pilani K K Birla Goa Campus

10:25 – 10:30 | Overview of the Association

Dr. Vinodkumar C. S.

President, IABAMRR

S. S. Institute of Medical Sciences and Research Centre

10:30 – 10:35 | Overview of the Department of Biological Sciences

Prof. Dibakar Chakrabarty
Head, Department of Biological Sciences
BITS Pilani K K Birla Goa Campus

10:35 – 11:05 | Keynote Lecture I ★

Title: *Cholera Phages: A Journey from Bacterial Typing and Surveillance to Phage-Based Antimicrobial Resistance Interventions*

Speaker: Dr. Alok Kumar Chakrabarti, ICMR-NIRBI

Chair: Dr. Malabika Biswas, BITS Pilani K K Birla Goa Campus

11:05 – 11:20 | Tea Break

11:20 – 11:55 | Oral Presentations by Young Investigators – Session I

Chairs:

- Dr. Suresh Arakera, Karnatak University Dharwad
- Dr. Judith Bragança, BITS Pilani K K Birla Goa Campus

Presentations:

- **Ishfaq Nabi Najar**, S. S. Institute of Medical Sciences and Research Centre
 - **Manideep Burra**, BITS Pilani K K Birla Goa Campus
Dynamics of Phi11 Holin
 - **Dr. Aarti Singh**, S. S. Institute of Medical Sciences and Research Centre
A Bacteriophage-Loaded Emulgel for Topical Management of MRSA Skin Infections
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12:00 – 12:30 | Keynote Lecture II ★

Title: *A Multiwell-Plate Caenorhabditis elegans Assay for Assessing the Therapeutic Potential of Bacteriophages Against Clinical Pathogens*

Speaker: Dr. Ramesh Nachimuthu
Vellore Institute of Technology (VIT)

Chair: Dr. Kundan Kumar, BITS Pilani K K Birla Goa Campus

12:30 – 13:00 | Keynote Lecture III ★

Title: *Phage-Displayed Synthetic Nanobodies for One Health Applications*

Speaker: Dr. Kaushik Rajaram

Central University of Tamil Nadu

Chair: Dr. Sumit Biswas, BITS Pilani K K Birla Goa Campus

13:05 – 13:45 | Oral Presentations by Young Investigators – Session II

Chairs:

- Dr. Alok Kumar Chakrabarti, ICMR-NIRBI
- Dr. Aryamav Pattnaik, BITS Pilani K K Birla Goa Campus

Presentations:

- **Dr. Piyali Basak**, Jadavpur University
Characterization and Optimization of Phage(s): A Remedy Towards AMR
 - **Sanjoy Biswas**, ICMR-NIRBI
Characterization of the Novel Bacteriophage Enterobacter_Phage_MJENC_6: A Potential Therapeutic for MDR Enterobacter cloacae Infections
 - **J. K. S. Kethana**, CSIR-IICT
Exploring Environmental Bacteriophages: Ecological Insights and Their Role in Combating Antimicrobial Resistance
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13:45 – 14:45 | Lunch Break

14:45 – 15:00 | 📷 Group Photograph

15:05 – 15:30 | Interactive Session & Poster Presentations

1. **Abishek Mani**

Nanobiomaterials and Phage Laboratory, Department of Microbiology, Central University of Tamil Nadu, Thiruvavur

Title: *Phage-Postbiotic Combination: A Synergistic Approach to Augment Phage Therapy in Treating MDR ETEC Infection*

2. **Pradnya Kumbhar**
BITS Pilani, K K Birla Goa Campus
Title: *Bacteriophage Endolysin: A Targeted Approach to Combat Staphylococcus aureus*
 3. **Dr. Devendra Nath Tewari**
ICMR-NIRBI, Kolkata
Title: *Bacteriophage ADT23 as a Promising Therapeutic Candidate Against Multidrug-Resistant Pseudomonas aeruginosa*
 4. **Vikram Sivaji**
S. S. Institute of Medical Sciences and Research Centre
Title: *Genomic and Morphological Characterization of a Novel Lytic Phage Targeting Pseudomonas aeruginosa from Severe Skin Infections*
 5. **Venkatesh R**
S. S. Institute of Medical Sciences and Research Centre
Title: *Molecular Characterisation of Lytic Bacteriophages Targeting Multidrug-Resistant Acinetobacter baumannii*
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15:30 – 16:00 | Keynote Lecture IV ★

Title: *The Molecular Drama of a Sleeping Phage: Gene Regulation in the Lytic–Lysogenic Switch of Staphylococcus aureus Phage Phi11*

Speaker: Dr. Malabika Biswas, BITS Pilani K K Birla Goa Campus

Chair: Dr. Vinodkumar C. S., S. S. Institute of Medical Sciences and Research Centre

16:00 – 16:30 | Keynote Lecture V ★

Title: *Integrating Phage-Based Interventions into One Health Approaches to Combat AMR*

Speaker: Dr. Vinodkumar C. S.

S. S. Institute of Medical Sciences and Research Centre

Chair: Dr. Alok Kumar Chakrabarti, ICMR-NIRBI

16:30 – 16:40 | 🕒 Best Oral & Poster Presentation Announcements

16:45 – 17:00 | Coffee Break & Networking

17:00 – 17:30 | Closing Session

- Closing Remarks
- Vote of Thanks
- Feedback & Follow-up Resources
