



# 46<sup>th</sup> Annual Conference of Indian Association of Medical Microbiologists



**Atal Bihari Vajpayee Scientific Convention Center, Lucknow**

## Pre Conference CME cum Workshop

### **Clinical Applications of Anti-Microbial Stewardship Practices**

**Objectives of the workshop:** The workshop aims to educate healthcare professionals about the effective implementation of antimicrobial stewardship practices in clinical settings, with a focus on optimizing antibiotic use, combating antimicrobial resistance, and improving patient outcomes.

**Current relevance of the topic:** The topic is highly relevant due to the escalating global threat of antimicrobial resistance, making the implementation of effective antimicrobial stewardship practices critical in preserving the efficacy of antibiotics and safeguarding public health.

**What will you gain from attending the workshop?** Participants will gain practical insights and strategies to implement antimicrobial stewardship practices, empowering them to make informed antibiotic prescribing decisions and contribute to combatting antimicrobial resistance, ultimately improving patient care outcomes.

**Who is the target population?** Microbiologists, clinicians, pharmacists, infectious disease specialists, and other stakeholders involved in the management and prescribing of antibiotics in clinical settings.

**Key resource persons:** Dr. Sumit Rai, Dr. Ranganathan Iyer, Dr. Rekha Jangam Rao, Dr. Debabrata Dash

### Detailed Agenda

| Topic/ Activity   | Speaker/ Moderator of the activity  | Duration       |
|---|---|----------------|
| Registration  |   | 8:00-9:00 AM   |
| Pre-Test evaluation   | Dr. Sumit Rai   | 9:00-9:15 AM   |
| Global and Indian Perspectives on AMR   | Dr. Vimala Venkatesh<br>Dr. Sheetal Verma                                 | 9:15-10:00 AM  |
| The AMS programme: Why, What and How!   | Dr. Iyer R.N  | 10:00-10:30 AM |
| QA/ QC in the Microbiology Lab- Vital to a robust AMS programme   | Dr. Sumit Rai   | 10:30-11:00 AM |
| Resources for ABST & AMS  | Dr. Debabrata Dash  | 11:00-11:30 AM |
| <b>TEA BREAK</b>  |   | 11:30-11:40 AM |
| Clinical Cases that demonstrate AMR issues and possible solutions including aspects of PK/ PD                   | Dr. Iyer R.N., Dr. Rekha Jangam, Dr. Sumit Rai                            | 11:40-1:00 PM  |
| Personalized ABST reporting and updates in Interpretative guidelines  | Dr. Sumit Rai<br>Dr. Debabrata Dash                                       | 1:00-1:45 PM   |
| Questions on the morning session  |   | 1:45-2:00 PM   |
| Case based scenarios for Diagnostic stewardship, aspects of ABST interpretation and reporting and Antibigrams – | Dr. Iyer R.N., Dr. Sumit Rai, Dr. Debabrata Dash and Dr. Rekha Jangam Rao | 2:00-3:30 PM   |
| Quality Indicators in AMS programmes  | Dr. Iyer R.N.   | 3:30-4:00 PM   |
| Case based scenarios for Antibiotic Policy – How does one make, implement and monitor the same with outcomes?   | Dr. Sumit Rai, Dr. Iyer R.N., Dr. Debabrata Dash and Dr. Rekha Jangam Rao | 4:00-5:15 PM   |
| Closing remarks<br>Post Test evaluation   | Dr. Sumit Rai   | 5:15-5:30 PM   |

#### **Workshop Coordinator:**

**Dr. Sheetal Verma**

Additional Professor

Department of Microbiology

King George's Medical University

Lucknow, U.P., India

Email: [dr.sheetal2001@gmail.com](mailto:dr.sheetal2001@gmail.com)

Mob: 9936269516