



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



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

## Pre Conference CME cum Workshop

**CME on "Has the era of Precision medicine in TB arrived"**

**Date:** 23.11.2023, Wednesday

**Venue:** Kalam Center, KGMU, Lucknow

**Participants:** 50

**Resource person:** Prof Ajoy Kumar Verma, NITRD, Delhi

**Objective of CME:** Tuberculosis is currently being managed by programmatic approach. But as we move towards TB elimination, personalized TB treatment becomes imperative. This CME focuses on approach to personalized medicine for TB management.

**Participants:** Post graduate MD students (JR/SR), young faculty members in Microbiology.

### Agenda

Time	Topic	Speaker	Chairperson
8:00 AM - 9:00 AM	Registration and Breakfast		
9:00 AM - 9:15 AM	Pre- CME assessment		
<b>Session 1: Moving ahead of programmatic management of TB in India</b>			
9:15 AM - 9:45 AM	Perspective for Precision Medicine in management of Tuberculosis	Prof Prabha Desikan, Director, ICMR-BMHRC, Bhopal.	Prof Vineeta Mittal, Dr Richa Mishra, Dr Parul Jain
9:45 AM - 10:15 AM	Next generation sequencing for designing Tailor-Made treatment regimens based on Mycobacterial genotypes	Dr Siva Kumar Shanmugam, Scientist C, NIRT, Chennai.	
10:15 AM -10:45 AM	Customizing treatment approaches based on culture and DST results	Dr Shalabh Malik, Dr Lal Pathlabs, Delhi	
10:45 AM - 11:15 AM	Therapeutic drug monitoring for individualizing drug dosing	Prof Ramesh V. Goel, Vice Chancellor, Delhi Pharmaceutical Sciences and Research University	
11:15 AM - 11:30 AM	Tea/ Coffee Break		
<b>Session 2: Challenges and way forward to TB diagnosis in special situations</b>			
11:30 AM - 12:00 PM	Lab approach to a case of DR-TB	Dr Manpreet Bhalla, Head, Department of Microbiology, NITRD, Delhi	Prof R. K. Garg, Prof Rajeev Garg
12:00 PM - 12:30 PM	Pediatric TB	Prof Sarika Gupta, Department of Pediatrics, KGMU, Lucknow	
12:30 PM - 1:00 PM	Precision medicine in management of TBM	Prof H. S. Malhotra, Department of Neurology, KGMU, Lucknow	
1:00 PM - 1:45 PM	Lunch Break		
<b>Session 3: Translation of Precision Medicine from Bench to Bedside</b>			
1:45 PM - 3:15 PM	Case series on "Difficult to diagnose TB"	Prof. Rajendra Prasad, Lucknow Prof. Kiran Chawla, Manipal Prof. Tapan Mazumdar, Agartala	
3:15 PM - 4:00 PM	Q and A session by speakers	Moderator: Dr Richa Mishra, SGPGIMS, Lucknow Prof Ajoy Kumar Verma, NITRD, New Delhi	
4:00 PM - 4:15 PM	Post- CME assessment		
4:15 PM - 4:45 PM	Tea/ Coffee Break		
4:45 PM - 5:30 PM	Feedback, Valedictory function and certificate distribution		

Interested participants of the CME may also visit the TB laboratory at Department of Microbiology, KGMU for observing the laboratory processes by prior information. The lab has state of the art facilities for diagnosis and detection of drug resistance of M. tuberculosis and is accredited by NABL and Central TB Division, Gol.

#### CME Coordinator:

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