



## SCIENTIFIC PROGRAMME OF MICROCON 2023 (Theme: Every Microbe Matters)

### Day 1 (24th November 2023)

Timings	Session Details	Speaker (s)
07:30 AM - 09:00 AM	<b>Registration</b>	
08:00 AM - 09:00 AM	<b>Free Oral Paper Session</b>	
09:00 AM - 10:00 AM	Dr KB Sharma Memorial Junior Best Paper Presentations	Prof. Sonal Saxena, Secretary, IAMM
10:00 AM - 10:30 AM	The President's Oration	Prof. Arti Kapil, President, IAMM
10:30 AM - 11:00 AM	Dr S.C. Agarwal Oration	Dr Pragya Yadav
11:00 AM - 11:30 AM	IAMM Endowment Oration	Dr Ranganathan Iyer
11:30 AM - 12:00 PM	<b>Tea/ Coffee Break</b>	
12:00 PM - 1:00 PM	The Student Symposium "Outbreak investigation of emerging zoonotic diseases"	Moderator: Prof. Rahul Narang, All India Institute of Medical Sciences, Bibinagar, Hyderabad
01:00 PM - 02:00 PM	<b>Lunch Break, Poster Walk and Stall Exhibition</b>	

### Scientific Sessions

02:00 PM - 03:00 PM	Session by CDC "Role of Microbiologists in Disease Surveillance & Outbreak Investigations"	Chairperson: Dr Banke Lal Sherwal, Lady Hardinge Medical College, New Delhi Co-chair: Dr Mala Chhabra, ABVIMS & Dr Ram Manohar Lohia Hospital, New Delhi.
02:00 PM - 03:00 PM	IAMM Award Oral and Poster Session	
3:00 PM – 3:15 PM	<b>Tea/ Coffee Break</b>	

### Parallel Scientific Sessions

#### Session 1A: Superbugs and Antibacterial agents: Beyond the Looking Glass

Timings	Session Details	Speaker (s)
03:15 PM - 03:35 PM	Newer Antimicrobials: Laboratory Experience	Prof. V. Balaji, Christian Medical College, Vellore.
03:35 PM - 03:55 PM	Implications of MRSA Surveillance for Hospital Staff	Dr Itisha Gupta, UKHSA & University Hospital Birmingham, UK.

03:55 PM - 04:15 PM	Genomic Surveillance of Antimicrobial Resistance: Indian Scenario	Prof. David Aanensen, Oxford University, Oxford, UK.
04:15 PM - 04:35 PM	Case Scenarios on "Application of New/ Repurposed/ Combination Antimicrobials"	Dr Dhruv Chaudhary, Department of Pulmonary and Critical Care Medicine, Post Graduate Institute of Medical Sciences, Rohtak.

### Session 1B: Strategies and Synergies: Combating Antimicrobial Resistance

Timings	Session Details	Speaker (s)
04:35 PM - 04:55 PM	Multidisciplinary Approach to Combat AMR	Dr Kamini Walia, Division of Epidemiology and Communicable Diseases, Indian Council of Medical Research, New Delhi.
04:55 PM - 05:15 PM	Integrated Stewardship to Combat AMR: Challenges and Opportunities	Dr Narendra Pal Singh, UCMS and GTBH, New Delhi.
05:15 PM - 05:35 PM	Integrated Stewardship to Combat AMR: Where Do We Stand Today	Dr Renu Gupta, Institute of Human Behaviour and Allied Sciences, New Delhi.
05:35 PM - 05:55 PM	Leveraging PK-PD Relationships to Combat Drug Resistant Superbugs	Dr Sumit Rai, All India Institute of Medical Sciences, Mangalagiri.

### Session 2A: Fungal Diagnostics: The Old and the New

Timings	Session Details	Speaker (s)
03:15 PM - 03:35 PM	Role of MALDI-TOF in Fungal Identification	Prof. Anoop Ghosh, Postgraduate Institute of Medical Education and Research, Chandigarh.
03:35 PM - 03:55 PM	Serological Methods for Diagnosis of Fungal Infections: How Relevant Are They?	Prof. Immaculata Xess, All India Institute of Medical Sciences, New Delhi.
03:55 PM - 04:15 PM	Molecular Diagnostics for Invasive Fungal Disease: Are We Ready?	Prof. Vinay Hallur, All India Institute of Medical Sciences, Bhubhaneshwar.
04:15 PM - 04:45 PM	Mini Symposium on "Diagnosing Rare Fungal Infections"	Dr T. Karuna, All India Institute of Medical Sciences, Bhopal Dr Archana Keche Wankhede, All India Institute of Medical Sciences, Raipur Dr Vidhi Jain, All India Institute of Medical Sciences, Jodhpur.

### Session 2B: Perspectives on Parasitic Infections in India

Timings	Session Details	Speaker (s)
04:45 PM - 05:05 PM	Antimalarial Drug Resistance: Indian Perspective	Dr Neelima Mishra, National Institute of Malaria Research, New Delhi.

05:05 PM - 05:25 PM	Challenges in Diagnosis of Toxoplasmosis	Prof. Sarman Singh, Indian Institute of Science Education and Research, Bhopal.
05:25 PM - 05:45 PM	Diagnosing Parasitic Infections in Transplant Infections	Prof. Ujjala Ghoshal, All India Institute of Medical Sciences, Kalyani, West Bengal.
05:45 PM - 06:05 PM	Elimination Program and Recent Diagnostic Advances for Soil Transmitted Helminths	Prof. Sumeeta Khurana, Postgraduate Institute of Medical Education and Research, Chandigarh.

### Session 3A: Diagnostic Virology Update

Timings	Session Details	Speaker (s)
03:15 PM - 03:35 PM	AES: Algorithms and New Markers	Prof. V. Ravi, Former Head, Dept of Neurovirology, National Institute of Mental Health and Neurosciences, Bengaluru.
03:35 PM - 03:55 PM	Syndromic Testing in Patients Hospitalized With SARI	Dr Bharti Malhotra, Sawai Man Singh Medical College, Jaipur.
03:55 PM - 04:15 PM	Harnessing The Power of Sequencing for Clinical Diagnostics in Virology	Dr Debasis Biswas, All India Institute of Medical Sciences, Bhopal.
04:15 PM - 04:35 PM	Quality Assurance in Diagnostic Molecular Virology	Dr Rahul Dhodapkar, Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry.

### Session 3B: Innovations in Hepatitis Management: Present and Future

Timings	Session Details	Speaker (s)
04:35 PM - 04:55 PM	Viral Hepatitis – Disease Burden in India	Prof. Partha Halder, Dept. of Community Medicine, All India Institute of Medical Sciences, New Delhi.
04:55 PM - 05:15 PM	National Viral Hepatitis Control Program: Achievements and Challenges	Dr Sandhya Kabra, Deputy Commissioner & Add. Director, NVHCP, NCDC, New Delhi.
05:15 PM - 05:35 PM	Screening and Diagnosis of Viral Hepatitis – Role of New Biomarkers & Genotyping	Prof. Lalit Dar, All India Institute of Medical Sciences, New Delhi.
05:35 PM - 05:55 PM	Simplified Algorithm for Management of Viral Hepatitis	Dr Aakash Shukla, Dept. of Gastroenterology, KEM Hospital, Mumbai.

### Session 4A: Current Trends and Future Prospects in Management of TB

Timings	Session Details	Speaker (s)
03:15 PM - 03:35 PM	Role of Next-Generation Sequencing in Diagnosis of Drug-Resistant Tuberculosis	Prof. Sunil Sethi, Postgraduate Institute of Medical Education and Research, Chandigarh.
03:35 PM - 03:55 PM	In Vitro PK/PD and Implications for Tuberculosis Clinical Care	Dr Shashikant Srivastava, UT Health Science Center at Tyler, Texas, USA.

03:55 PM - 04:15 PM	Future Landscape of NTEP	Dr Ranjini Ramachandran, National Professional Officer (Laboratory), WHO, India.
04:15 PM - 04:35 PM	Need And Importance of Upfront Isoniazid Resistance Detection	Dr Ashok Rattan, Redcliff Labs, Delhi.

### Session 4B: Clinical Microbiology: Enhancing Practices and Patient Safety

Timings	Session Details	Speaker (s)
04:35 PM - 04:55 PM	Biosafety in the Era of Emerging Infections	Prof. Jyoti Irvane, Government Medical Collge, Chatrapati Sambhajinagar.
04:55 PM - 05:15 PM	Laboratory Guidance to Clinicians on Combination Therapy	Dr Meher Rizvi, College of Medicine & health Sciences, Sultan Qaboos University, Muscat, Oman.
05:15 PM - 05:35 PM	Guiding Stewardship through Antimicrobial Susceptibility and Reporting Strategies	Prof. Rajni Gaind, Safdarjung Hospital and Vardhman Mahavir Medical College, New Delhi
05:35 PM - 05:55 PM	High-Level Disinfection of Instruments/ Operation Theatres with H <sub>2</sub> O <sub>2</sub> and Peracetic Acid	Dr Debabrata Dash, All India Institute of Medical Sciences, Manglagiri.

### Session 5A: IAMM Award Oral and Poster Session

03:15 PM - 04:15 PM	IAMM Award Oral and Poster Session
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### Session 5B: Educational Support Session

04:15 PM - 06:00 PM	Educational Support Session
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### Sessions 6 and 7: Free Oral and Poster Paper Sessions

03:15 PM - 06:00 PM	Free Oral and Poster Paper Session
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5:00 PM onwards

**Executive Council Meeting**

***Banquet & Cultural Night (8:00 PM onwards)***

## Day 2 (25th November 2023)

Timings	Session Details	Speaker (s)
08:30 AM - 9:45 AM	IAMM Quiz	Prof. Sonal Saxena, Secretary IAMM Dr Sanjay Biswas, Joint- Secretary IAMM Dr Sarita Mohapatra, EC member, IAMM
09:45 AM - 10:00 AM	<b>Tea/ Coffee Break</b>	
10:00 AM - 12:00 PM	The IAMM Symposium on “Clinical Microbiology at crossroads: Genomics to Precision Medicine”	Moderator: Prof. Pallab Ray, Former HOD, Postgraduate Institute of Medical Education and Research, Chandigarh.

12:00 AM - 01:15 PM	The General Body Meeting of the IAMM	IAMM
01:00 PM - 02:00 PM	<b>Lunch Break, Poster Walk and Stall Exhibition</b>	

02:00 PM - 03:00 PM	Symposium on 'One Health Concept in Infectious Diseases'	Dr R.K. Singh, Ex-Director, ICAR-Indian Veterinary Institute, Bareilly Dr Anoop Velayudhan, Indian Council of Medical Research, New Delhi Dr Vidya KR, Deputy Director, Directorate of Health Services, Thiruvananthapuram.
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02:00 PM - 03:00 PM	IAMM Award Oral and Poster Session	
03:00 PM - 03:15 PM	<b>Tea/ Coffee Break</b>	

<b>Parallel Scientific Sessions</b>		
<b>Session 1A: Blood Culture and Sepsis- Critical Crossroads</b>		
<b>Timings</b>	<b>Session Details</b>	<b>Speaker (s)</b>
03:15 PM - 03:35 PM	Blood Culture Contamination and its Potential Adverse Effects	Prof. Pallab Ray, Former HOD, Postgraduate Institute of Medical Education and Research, Chandigarh.
03:35 PM - 03:55 PM	Neonatal Septicemia at Secondary Health Care Level: An experience	Prof. Anudita Bhargava, All India Institute of Medical Sciences Raipur.
03:55 PM - 04:15 PM	Essentials of Designing a Sepsis Diagnosis Protocol	Dr Aruna Poojary, Breach Candy Hospital Trust, Mumbai.
04:15 PM - 04:30 PM	<b>Tea/ Coffee Break</b>	

<b>Session 1B: Next-Generation Approaches to Tackle AMR</b>		
<b>Timings</b>	<b>Session Details</b>	<b>Speaker (s)</b>
04:30 PM - 05:00 PM	Therapeutic Monoclonal Antibodies for Carbapenem-Resistant <i>Acinetobacter baumannii</i>	Prof. Stephen Baker, Head Research, Cambridge University, UK.
05:00 PM - 05:20 PM	Perspectives on Bacteriophage Therapy to Treat Multidrug Resistant Infections	Prof. Gopal Nath, Banaras Hindu University, Institute of Medical Sciences, Varanasi.
05:20 PM - 05:40 PM	Application of New Surveillance Tools in AMR	Prof. Neelam Taneja, Postgraduate Institute of Medical Education and Research, Chandigarh.
05:40 PM - 06:00 PM	Gut Microbiome and Antimicrobial Resistance	Prof. Uday Chand Ghoshal, Dept. of Gastromedicine, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow.

<b>Session 2A: Perspectives on Zoonotic Diseases in India</b>		
<b>Timings</b>	<b>Session Details</b>	<b>Speaker (s)</b>

03:15 PM - 03:40 PM	Scrub Typhus and Other Rickettsial Infections	Prof. John Antony Jude Prakash, Christian Medical College, Vellore, Tamil Nadu.
03:40 PM - 04:00 PM	New Insights in Leptospirosis	Prof. Jayanthi Shastri, Maharashtra University of Health Sciences Regional Centre, Mumbai.
04:00 PM - 04:20 PM	Melidiosis: Clinician's Perspective	Prof. Prasanta Raghav Mohapatra, Dept. of Pulmonary Medicine, All India Institute of Medical Sciences, Bhubaneswar.
04:20 PM - 04:30 PM	<b>Tea/ Coffee Break</b>	

### Session 2B: Kinship With Anaerobes: Present Status and Future Perspectives

Timings	Session Details	Speaker (s)
04:30 PM - 04:55 PM	Is Antibiotic Resistance a Problem Among Human Pathogenic Anaerobes?	Prof. Nagy Erzsébet, University of Szeged, Semmelweis, Hungary.
04:55 PM - 05:15 PM	Gut Microbiome and Dysbiosis	Prof. Rama Chaudhary, Former HOD, All India Institute of Medical Sciences, Delhi.
05:15 PM - 5:35 PM	Diagnosis of Anaerobic Bacteria: Evolution from Lens to Genes	Dr Beena Antony, Father Muller Medical College & Research Centre, Mangalore, Karnataka.
05:35 PM - 5:47 PM	Anaerobes in Necrotizing Soft Tissue Infections - Is It a Neglected Field? Case Series	Dr Archana Angrup, Postgraduate Institute of Medical Education and Research, Chandigarh.
05:47 PM - 6:00 PM	Interesting Case Scenarios	Dr Padamaja A. Shenoy, Kasturba Medical College, Manipal.

### Session 3A: Medical Education in Clinical Microbiology

Timings	Session Details	Speaker (s)
03:15 PM - 4:15 PM	Panel Discussion and Open House Debate "The New PG Curriculum: Are We Really Preparing Clinical Microbiologists?"	Dr Aroma Oberoi, Christian Medical College, Ludhiana Dr Purnima Barua, Jorhat Medical College, Assam Dr Suman P. Singh, Pramukhswami Medical College, Karamsad
04:15 PM - 04:30 PM	<b>Tea/ Coffee Break</b>	

### Session 3B: Accreditation for Microbiology Laboratories

Timings	Session Details	Speaker (s)
04:30 PM - 04:50 PM	The Tortuous Path of Accreditation, NABL and Beyond	Prof. Ameeta Joshi, Grant Medical College, Mumbai.
04:50 PM - 05:10 PM	Accreditation as Prof.iciency Testing Provider	Dr Chand Wattal, Sir Ganga Ram Hospital, New Delhi.
05:10 PM - 05:30 PM	NABH and Other Hospital Accreditations: Role of Microbiologists	Dr Bhawana Jain, Medanta Hospital, Lucknow.

05:30 PM - 05:50 PM	ISO-15189: 2022: The New ISO for Medical Laboratory	Prof. Nayana Ingole, TNMC and BYL Nair Charitable Hospital, Mumbai.
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#### Session 4A: New Vaccines: Who, When and Why?

Timings	Session Details	Speaker (s)
03:15 PM - 03:45 PM	HPV Vaccination for Prevention of Cervical Cancer in Developing Countries	Prof. Joel M. Palefsky, Professor of Medicine, Division of Infectious Diseases, University of California, San Francisco.
03:45 PM – 04:05 PM	Implementation of Dengue Vaccine: Potential Threats and Possibilities in the Indian Context	Dr Nivedita Gupta, Indian Council of Medical Research, New Delhi.
04:05 PM - 04: 25 PM	Hepatitis B Vaccines: Future Prospects	Prof. Priya Abraham, Christian Medical College, Vellore.
04:25 PM - 04:35 PM	<b>Tea/ Coffee Break</b>	

#### Session 4B: Mycobacteria for Clinical Microbiology Laboratories

Timings	Session Details	Speaker (s)
04:35 PM - 04:55 PM	Zoonotic Tuberculosis	Prof. Joy Sarojini Michael, Christian Medical College, Vellore.
04:55 PM - 05:15 PM	Diagnosis of TB in PL-HIV	Prof. Deepthi Nair, Safdarjung Hospital & Vardhman Mahavir Medical College, New Delhi.
05:15 PM - 05:35 PM	TB Endemicity and Challenges in Diagnosing NTM	Prof. Baijayantimala Mishra, All India Institute of Medical Sciences, Bhubaneswar.
05:35 PM - 05:55 PM	Challenges and Recent Advances in Diagnosing Extrapulmonary TB	Prof. Kusum Sharma, Postgraduate Institute of Medical Education and Research, Chandigarh.

#### Session 5A: IAMM Award Oral and Poster Session

03:15 PM - 04:15 PM	IAMM Award Oral and Poster Session	
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#### Session 5B: Educational Support Session

04:15 PM - 06:00 PM	Educational Grant Support Session	
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#### Sessions 6 and 7: Free Oral Paper and Poster Sessions

03:15 PM - 06:00 PM	Free Oral Papers and Posters Session	
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***Jashn@Awadh* and Dinner (8:00 PM onwards)**

## Day 3 (26th November 2023)

Timings	Session Details	Speaker (s)
08:00 AM - 09:00 AM	<b>Free Oral Paper Session</b>	
09:00 AM - 10:00 AM	Plenary session on “Tackling AMR through enhancing Infection Prevention and Control practices”?	Prof. Purva Mathur, AIIMS New Delhi Prof. Vijay Lakshmi Nag , NMC New Delhi
10:00 AM - 10:15 AM	<b>Tea/ Coffee Break</b>	

### Parallel Scientific Sessions

#### Session 1: Infectious Viral Diseases: Opportunities and Challenges

Timings	Session Details	Speaker (s)
10:15 AM - 10:35 AM	Recent Advances in Laboratory Diagnosis of Rabies	Prof. Reeta S. Mani, National Institute of Mental Health and Neurosciences, Bengaluru.
10:35 AM - 10:55 AM	New and Re-Emerging Viral Zoonosis	Dr Monil Singhai, National Center for Disease Control, New Delhi.
10:55 AM - 11:15 AM	Logistics for Infectious Disease Diagnostics: Lessons from Covid-19 Pandemic	Dr Harmanmeet Kaur, Indian Council of Medical Research, New Delhi.
11:15 AM - 11:45 AM	Mini Symposium on "Interesting Cases in Virology"	Dr Sneha K Chunchanur, Bangalore Medical College and Research Institute, Bengaluru Dr Shwetha JV, BMCRI, Bengaluru Dr Ashwin Belludi, National Institute of Mental Health and Neurosciences, Bengaluru.

#### Session 2A: Awareness to Action: HIV and STIs

Timings	Session Details	Speaker (s)
10:15 AM -10:35 AM	Programmatic Perspectives on Role of the Microbiology Laboratory for HIV Diagnosis	Dr Bhawna Rao, National AIDS Control Organization, New Delhi
10:35 AM - 10:55 AM	Antiretroviral Resistance in HIV - Indian Perspective	Dr Swarali Kurle, National AIDS Research Institute, Pune
10:55AM - 11:15 AM	Recent Advances in Laboratory Testing for Sexually Transmitted Infections	Prof. Jyotsna Agarwal, Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow.

#### Session 2B: Transforming Clinical Microbiology through Next-Generation Sequencing (NGS)

Timings	Session Details	Speaker (s)
11:15 AM -11:20 AM	Translation of NGS into clinical diagnostics	Prof.V. Balaji, Christian Medical College, Vellore.
11:20 AM – 11:40 AM	Basics of NGS platforms, Genome databases, and setting up of NGS in the Medical Laboratory	Dr. Jobin John Jacob, Christian Medical College, Vellore.



11:40 AM – 12:00 PM	Detecting outbreak with Whole genome sequencing (WGS)	Dr. Nagesh Panchal, Christian Medical College, Vellore.
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### Session 3: Recent Challenges in Fungal Infections in India

Timings	Session Details	Speaker (s)
10:15 AM - 10:35 PM	Drug-Resistant Dermatophytosis	Dr M.R Shivaprakash, Postgraduate Institute of Medical Education And Research, Chandigarh.
10:35 AM - 10:55 AM	Present Status of <i>Candida auris</i> Infection in India and How to Control It?	Prof. Arunaloke Chakraborti, Director Doodhadhari Burfani Hospital and Research Institute, Haridwar.
10:55 AM - 11:15 AM	Outbreaks due to Mold Infections	Dr Jayanthi Savio, St. John's Medical College, Bengaluru.
11:15 AM - 11:35 AM	Systemic Endemic Mycosis: Are They Neglected Mycoses?	Prof. Malini R Capoor, VMMC and Safdarjung Hospital, Delhi
11:35 AM - 11:55 PM	Is Antifungal Stewardship Necessary?	Dr Gagandeep Singh, All India Institute of Medical Sciences, New Delhi.

### Session 4A: Cutting Edge Technologies in Infectious Disease Control

Timings	Session Details	Speaker (s)
10:15 AM - 10:35 AM	AI: Large Language Models in Academics and Research	TBA
10:35 AM - 10:55 AM	Use of Assistive Technology for Infectious Disease Mitigation	Dr Shashank Purwar, All India Institute of Medical Sciences, Bhopal.

### Session 4B: Advances in Parasitology

Timings	Session Details	Speaker (s)
10:55 AM - 11:15 AM	Commensal fitness to Pathogenic attitude: Microbial (Parasitic) perspective”	Prof. B. R. Mirdha, All India Institute of Medical Sciences, New Delhi.
11:15 AM - 11:35 AM	EQAS in Parasitology	Prof. Rakesh Singh, Jawaharlal Institute of Postgraduate Medical Education & Research, Pondicherry.
11:35 AM - 11:55 AM	Cutaneous Leishmaniasis: Recent Indian Scenario	Prof. Vibhor Tak, All India Institute of Medical Sciences, Jodhpur.

### Session 5: Free Oral Papers and Poster Session

10:15 AM - 12:00 PM	Free Oral Papers and Posters Session	
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### Parallel Session 6: Educational Support Session

10:15 AM - 12:00 PM		
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12:00 PM - 1:00 PM

***Valedictory Function followed by Lunch***

