TOOLS, TECHNIQUES AND TRANSLATIONAL INSIGHTS FOR COMBATING ANTIMICROBIAL RESISTANCE

DATES:

10th to 13th September 2025

VENUE:

Central Seminar Hall, and Department of Medical Devices NIPER

ORGANISED BY:

SUN PHARMA SCIENCE FOUNDATION

HOSTED BY:

National Institute of Pharmaceutical Education and Research (NIPER), Mohali

INVITATION

Dear Colleagues,

It gives us great pleasure to welcome you to the vibrant and intellectually stimulating environment of NIPER, Mohali, for the upcoming Workshop on ***"Tools, Techniques & Translational Insights for Combatting Antimicrobial Resistance."***

Set within the dynamic academic atmosphere of one of India's premier research institutions, this workshop offers a unique opportunity to delve into the pressing global challenge of antimicrobial resistance (AMR). Participants will engage in hands-on sessions, expert-led lectures, and collaborative discussions designed to foster both technical skills and translational understanding.

We eagerly look forward to your enthusiastic participation and valuable contributions to this meaningful scientific exchange.
We look forward to your valuable presence and active participation.

Warm regards

Distinguished Speakers:

1. ***Prof. Dulal Panda, FTWAS, FNA, FASc, FNASc, Director NIPER-Mohali***
2. ***Prof. Ranjana Pathania, FNA Department of Biosciences and Bioengineering, IIT-Roorkee***
3. ***Prof. Naveen K. Navani, Department of Biosciences and Bioengineering, IIT-Roorkee***
4. ***Prof. Amit Kumar, FRSB, Department of Biosciences and Bioengineering, IIT-Indore***

5. ***Prof. Vikash Gautam, PGIMER, Chandigarh***
6. ***Prof. Ramandeep Singh, BRIC-THSTI***
7. ***Prof. Hemraj Nandwar, CSIR-IMTECH***
8. ***Prof. Tarun Sharma, NIPER-Mohali***
9. ***Dr. Saurabh Mishra, NIPER-Mohali***

Workshop Overview:

"Tools, Techniques & Translational Insights for Combatting Antimicrobial Resistance."

Antimicrobial Resistance (AMR) poses a growing threat to global public health, demanding urgent, interdisciplinary responses. This workshop on "***Tools, Techniques & Translational Insights for Combatting Antimicrobial Resistance"*** aims to equip participants with a comprehensive understanding of AMR mechanisms, detection tools, and intervention strategies.

The workshop will explore the biological basis and clinical impact of AMR, spanning molecular, microbiological, and translational perspectives. Participants will gain hands-on experience in techniques such as bacterial culture and susceptibility testing, molecular diagnostics for resistance gene detection, and data interpretation in AMR surveillance.

The program will also address critical concepts in antimicrobial stewardship, emerging therapeutic strategies and the development of rapid diagnostic tools. Lectures and practical sessions will be led by leading researchers and clinicians with expertise in microbiology, diagnostics, drug discovery and public health. Through interactive discussions and case-based learning, the workshop will foster critical thinking and skill development, empowering attendees to contribute meaningfully to AMR research, diagnostics, and policy.

Who can apply?

- Must be involved in research related to infectious disease.
- Can be an industry professional with a PhD degree.
- Can be a faculty member with a PhD from an academic institution.
- Can be a young medical professional affiliated to a medical college.
- Can be a research fellow formally enrolled in a PhD program at an academic institution.
- Can be a Masters student or project fellow

Rules and Regulations:

- Registration for the workshop must be done through the **Google Form** provided via the official link. https://forms.gle/nJCPSGqX4EjGm5n76
- Selection will be on a **first come, first served** basis.
- Preference will be given to candidates with prior research experience.
- Participants must be affiliated with an academic institute, medical college or research institute and actively involved in research.
- **No travel allowance (TA) or daily allowance (DA)** will be provided.
- **Board and lodging** will be arranged **free of cost** for all outstation participants during the workshop.

Organizing Committee

ROLE	MEMBERS
Patron:	Prof. (Dr.) Dulal Panda, FTWAS, FNA, FASc, FNASc, Director NIPER-SAS, Nagar, Mohali
Co-Patron	Prof. (Dr.) Kulbhusan Tikoo, Dean, SAS, Nagar, Mohali
Chairperson:	Prof. (Dr.) Inder Pal Singh, (In charge) of Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali
Organizing Secretary:	Prof. (Dr.) Tarun Sharma, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali
Scientific organizing Committee:	Dr. Ajay Kumar, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali Dr. Dipankar Das, Assistant Professor, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali Dr. Saurabh Mishra, Dept. of Biotechnology, NIPER-SAS, Nagar, Mohali Dr. Prachi Ramteke, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali
Reception, Hall Committee & Treasurer:	Dr. Dattatraya Dinkar Gore Scientist, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali Dr. Ganesh Singh Negi Scientist, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali

Food Committee:	***Dr. U R. Lal, Assistant Professor, Dept. of Natural Products, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali***
Travel & Accommodation:	***Dr. Dipankar Das,*** ***Assistant Professor, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali*** ***Dr. Dattatraya Dinkar Gore*** ***Scientist, Dept. of Medical Devices, NIPER-SAS, Nagar, Mohali***