

INTERNATIONAL SYMPOSIUM
Precision Antibiotic Therapy in the Era of Antimicrobial
Resistance (AMR-PAT 1.0)

May 8–9, 2026

Venue: JSS College of Pharmacy, JSS AHER Mysuru.

OFFICIAL CONFERENCE GUIDELINES

(For Conference Participants & Speakers)

1. About the Symposium

AMR-PAT 1.0 focuses on advancing precision antibiotic therapy through:

- LC-MS/MS-based Therapeutic Drug Monitoring (TDM)
- PK/PD Modelling and Simulation
- Genomic and Molecular Resistance Profiling
- Biomarker-driven diagnostics
- Antimicrobial stewardship frameworks

The symposium aligns with global and national antimicrobial resistance (AMR) action plans and emphasizes translational integration of analytical science with clinical decision-making.

2. Pre-Conference Workshop

Date: 7th May 2026

Four focused, scientific streams will be conducted with limited intake (30 participants per session). For further details, please refer to the pre-conference guidelines.

3. Main Conference

Dates: 8–9 May 2026

SYMPOSIUM 01

Therapeutic Drug Monitoring as the Cornerstone of Precision Antibiotic Therapy

SYMPOSIUM 02

PK/PD Modelling and Simulation: Translating Science into Optimized Antibiotic Dosing

SYMPOSIUM 03

Analytical Excellence in TDM: Driving Precision Antibiotic Therapy

SYMPOSIUM 04

Genomics, Biomarkers & Resistance Profiling: The Future of Personalized Antimicrobial Therapy

Please find below the further details for the **Technical Program with session-wise details** and

TENTATIVE PROGRAM SCHEDULE - AMR PAT 1.0

TENTATIVE PROGRAM SCHEDULE - AMR PAT 1.0 ANTIMICROBIAL RESISTANCE - PRECISION ANTIBIOTIC THERAPY 1.0	
JSS COLLEGE OF PHARMACY, JSS Academy of Higher Education and Research, Mysuru.	
Thursday, 7th MAY 2026 PRE CONFERENCE (4 Sessions)	
Friday, 8 MAY, 2026 CONFERENCE	
8.00 am onwards	REGISTRATION AND WELCOME
09:30 am - 10:00 am	INAUGURATION
10:00 am - 10.45 am	KEYNOTE ADDRESS
10.45 am -11.00 am	TEA BREAK
11:00 am - 1:00 pm	SYMPOSIUM 1
1.00 pm - 2.00 pm	LUNCH
2:00 pm - 3:45 pm	SYMPOSIUM - 2
3:45 pm - 4.00 pm	TEA BREAK
4.00 pm - 5.00 pm	POSTER / ORAL PRESENTATION
6:00 pm - 8.30 pm	CULTURAL EVENTS & GALA DINNER
Saturday, 9 MAY, 2026 CONFERENCE	
10:00 am - 11.30 pm	SYMPOSIUM 3
11.30 am - 11.45 am	TEA BREAK
11.45 am - 1.00 pm	SYMPOSIUM 4
1.00 pm - 2.00 pm	LUNCH
2.00 pm - 3.45 pm	POSTER / ORAL PRESENTATION
3.45 pm - 4.00 pm	TEA BREAK
4.00 pm - 5.00 pm	AWARDS, VALEDICTORY & CLOSING CEREMONY

5. Registration & Payment Guidelines

(As per the official brochure, TDM SYMPOSIUM Brochure)

Registration Includes:

- Delegate kit
- Academic session access
- Conference refreshments
- Gala dinner and cultural events
- Certificate of participation/ presentation

Important Points:

- No refunds upon cancellation of registration
- Conference registration is mandatory if registered for pre-conference sessions.
- Group registration: 10 paid registrations → 1 complimentary registration

6. Code of Conduct

All participants are expected to:

- Maintain professional decorum during scientific sessions

- Adhere strictly to session timings
- Respect speakers and session chairs
- Follow institutional and venue policies

7. Contact Information

Convener:

Dr. B. M. Gurupadayya

Professor, Department of Pharmaceutical Chemistry

JSS College of Pharmacy, Mysuru

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Technical Program with session-wise details and name of the session chair & co-chair

CONFERENCE - 8TH AND 9TH MAY 2026

SR.NO	NAME & DESIGNATION	TITLE OF PRESENTATION	SYMPOSIUM	CHAIR	CO - CHAIR
1	Dr Sumith K Mathew, MD, PhD, Professor, Believers Church Medical College and Hospital	Application of TDM in Clinical Practice	KEYNOTE SPEAKER	NA	NA
2	Dr. Deborah J. E. Marriott, Infectious Diseases Physician, St Vincent's Hospital, Sydney, New South Wales, Australia.	The utility of therapeutic drug monitoring: lessons learned from linezolid and cefepime in the critical care setting	SYMP -01 Therapeutic Drug Monitoring as the Cornerstone of Precision Antibiotic Therapy	Dr Sumith K Mathew MD, PhD, Professor, Believers Church Medical College and Hospital	Dr. Akhila Prashanth, Professor and Head, Department of Clinical Biochemistry
3	Dr. Nathalie Grace Sy Chua, Antimicrobial Clinical Pharmacist, Singapore General Hospital, Singapore.	Use of antimicrobial TDM to manage difficult-to-treat infection.			
4	Dr. Nimmi Kansal, Technical Director - Clinical Chemistry & Biochemical Genetics, Lal Pathlabs, Ltd, India.	Why TDM matters in systemic antifungal therapy			
5	Dr. Ratna Prabha, Professor Clinical Pharmacology Unit, Christian Medical College & Hospital, Ida Scudder Road, Vellore	Bridging the Gap Between Clinician and Patients			
6	Dr. Jian Lynn, Clinical Pharmacist, Malaysia	Antimicrobial Stewardship Meets PK/PD: Vancomycin in Pediatric ARC 2 & Vancomycin Underexposure in Pediatric Augmented Renal Clearance: A Precision Dosing Case Study	SYMP -02 PK/PD Modelling and Simulation: Translating Science into Optimized Antibiotic Dosing	Dr Subba Rao M.V.S.S.T., Professor, Department of Biochemistry, JSS Medical College & Hospital.	Dr. Saravana Babu, Associate Professor & HOD, JSSCPM.
7	Dr. Varsha Birla, Head of Department - Clinical Chemistry, Metropolis Healthcare Ltd, Mumbai, Maharashtra, India.	Optimizing Immunosuppressant Therapy: Integrating TDM, PK-PD Variability, and Real-World Case Evidence			
9	Dr. M Surulivel Rajan, Professor & Head, Department of Pharmacy Practice, MCOPS	Model-Informed Precision Dosing (MIPD) in Antibiotic Therapy			

10	Dr. Arun Kanniyappan Parthasarathy Associate Professor & Vice Principal, JSS College of Pharmacy, Ooty.	Role of Pharmacometrics in PK/PD- Guided Antibiotic Therapy			
11	Dr. Sujay Prasad, Director - NAALM & Group Medical Director	Role of measurement uncertainty in TDM	SYMP-03 Analytical Excellence in TDM: Driving Precision Antibiotic Therapy	Dr. K.N Chidambarmurthy, Professor and Dean Neuberg Diagnostics	Dr. Chandan R S, Associate Professor & HOD, JSSCPM.
12	Dr. Prem Pal, Head of Department – LC-MS, NARL, Bengaluru, Karnataka, India.	Intricacies of TDM method development on LC-MS			
13	Dr. Pawan Kumar Maurya, Scientist-C; Fellow, Indian Chemical Society (FICS), ICMR-Kolkata	LC-MS/MS - based multianalyte plate forms for precision antibiotic therapy: analytical innovations driving clinical decision -making			
14	Dr. Akhila Prashant, Professor and Head, Department of Clinical Biochemistry, JSS Medical College & Hospital.	Future Perspectives of Genomics in Combating Antimicrobial Resistance	SYMP-04 Genomics, Biomarkers, and Resistance Profiling: The Future of Personalized Antimicrobial Therapy	Dr. Kusuma K S, Associate Professor, JSS Medical College & Hospital.	Dr. Shilpa Palaksha, Associate Professor & HOD, JSSCPM.
15	Dr. Rashmi P. Mahale Professor and Head, Department of Microbiology, JSS Medical College & Hospital.	Clinical Impact of MIC-Based Decision Making in Personalized Infectious Disease Management			

