



Outlook

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## Conduction of ICMR-DHR sponsored National Workshop" by KL College of Pharmacy – Reg.

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From Registrar's Office <registraroffice@kluniversity.in>

Date Tue 8/5/2025 11:17 AM

To K Sai Sandeep <ksaisandeep@kluniversity.in>; Pamarthi Venkatasiva Rambabu <pvenkatasivarambabu@kluniversity.in>; Dr. K Gurnadha Gupta <kggupta@kluniversity.in>; Rajesh Bingu <rbingu@kluniversity.in>; V Lalitha <lalithav@kluniversity.in>; Dhanesh Kumar <dhaneshkumar@kluniversity.in>; Nyakapu Rajender <nrajender@kluniversity.in>; G Venkatesh <gvenkatesh@kluniversity.in>; G Rajani Reddy <rajinireddy@kluniversity.in>; Valluri Jhansi Hima Varsha <vjhimavarsha@kluniversity.in>; Rayi Krupadanam <rkrupadanam@kluniversity.in>; Paladugu Venkateswara Rao <paladuguvrao@kluniversity.in>; Dr. Sreenivasulu Bolla <bsreenivasulu@kluniversity.in>; Dr. T V S S Swathi <tvssswathi@kluniversity.in>; Krishna Suresh B V N V <krishnasuresh@kluniversity.in>; Dr. J R Rajeshwar <jrrajeshwar@kluniversity.in>; K Radha <kradha@kluniversity.in>; Dr. Prabhavathi N <nprabhavathi@kluniversity.in>; Padyala Priyadarsan <ppriyadarsan@kluniversity.in>; ASOKKUMAR R <asokkumar@kluniversity.in>

📎 1 attachment (6 MB)

ICMR-Workshop Brochure.pdf;

Ref: KLEF/RO/Pharmacy/National Workshop/2025-26

Date: 05-08-2025

### **Orders of the Hon'ble Vice-Chancellor dt. 05-08-2025** **CIRCULAR**

Sub: Conduction of **ICMR-DHR sponsored National Workshop"** by KL College of Pharmacy – Reg.

Ref: 1. Letter received from Dr. G. Chakravarthy, Principal, KL College of Pharmacy and Dr. N. Buchi Naidu, Director-Life Sciences  
2. Orders of the Hon'ble Vice-Chancellor dt. 05-08-2025

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This is to inform that KL College of Pharmacy is organizing an ICMR-DHR sponsored National Workshop on "Pharmacogenomics in clinical practice: Optimizing Drug Therapy Through Personalized Medicine" during 11th and 12th August 2025, with the theme of Empowering Precision Medicine in Practice.

Venue: C-Block, Peacock Hall, KLEF.

Link for registration-<https://forms.gle/8yJUzCeoAEEVOGfN8>

For any further details on the workshop, please drop an e-mail to [workshop.pgx@gmail.com](mailto:workshop.pgx@gmail.com)

Workshop brochure containing all details is enclosed herewith.

All the interested faculty members, research scholars and students can register and participate in this Workshop.

Encl: as above

Mail & Hard copy to: Hon'ble President, KLEF

Mail to: Hon'ble Vice-Presidents, KLEF

Mail & Hard copy to: Hon'ble Pro Chancellor

Mail & Hard copy to: Hon'ble Vice-Chancellor

Mail & Hard copy to: Pro Vice-Chancellors

Mail to: Chief Coordinating Officer-Dr.A. Jagadeesh

Mail to: Special Officer -Dr.A. Vani

Mail to: All Advisors / All Deans / All Principals / All Vice-Principals / All Sr.Directors / All Directors / All Additional Deans /

    All Associate Deans / Deputy Deans / PR Head

Mail to: Controller of Examinations-Dr.A.S.C.S.Sastry

Mail to: Joint Registrar / Deputy Registrar / Sr.Manager (Alumni Relations) & AR-Sri A.Krishna Rao / AR-Dr.MVAL Narasimha Rao

Mail to: Principal-CoE..Dr.T.K. Rama Krishna Rao / Principal-FED

Mail to: All HoDs / All Alternate HoDs / All Deputy HoDs

Mail to: KL H - Principal Off Campus Centre, Aziz Nagar Campus / KL H - Principal Off Campus Centre, Bowrampet

    Vice-Principal / Director / Deputy Director

Mail to: KL H HoDs.. AI&DS / CSE / ECE / BES / FED Coordinator / Business School

Mail to: KL H Associate Deans..P&D / R&D / Academics / IQAC / F&SA / Skill Development / Student Progression & Training

    / Student Affairs / Student Welfare / Examinations

Mail to: Librarian

Mail to: Webmaster-Mr.LV

Mail to: Chief Technical Officer (CTO)-Mr.A.Satya Kalyan

    Mr. Raja Sekhar, Emp. No. 2482, Jr. Network Administrator (E-mail: rajasekhar\_syte@kluniversity.in)

Mail to: Professor In-charge, EduTech, Animation-Dr. M. Siva Kumar,Assoc. Professor,ECE

Mail to: Principal, KL College of Pharmacy

    Director-Life Sciences

    All Faculty members

    All Research Scholars

    All Students

**Thanks & Regards,**



**O/o REGISTRAR**

C-006, EXTN. NO. 1200

**KONERU LAKSHMAIAH EDUCATION FOUNDATION**

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

❖ Approved by AICTE   ❖ ISO 21001:2018 Certified

Campus: Green Fields, Vaddepeta, Guntur District, Andhra Pradesh, INDIA.

Phone No. 08645 - 350200; [www.klef.ac.in](http://www.klef.ac.in); [www.klef.edu.in](http://www.klef.edu.in); [www.kluniversity.in](http://www.kluniversity.in)



# NATIONAL WORKSHOP ON PHARMACOGENOMICS IN CLINICAL PRACTICE

THEME : OPTIMIZING DRUG THERAPY  
THROUGH PERSONALIZED MEDICINE

Sponsored by

Indian Council of Medical Research,  
Department of Health Research (ICMR-DHR)  
Ministry of Health & Family Welfare, Govt. of India, New Delhi

11<sup>TH</sup> & 12<sup>TH</sup> AUG 2025 | @ PEACOCK HALL,  
C-BLOCK, KLEF



Organized by:

Dept. of Pharmacy Practice, **KL COLLEGE OF PHARMACY**

## ABOUT KLEF

Koneru Lakshmaiah Education Foundation (KLEF) is a premier educational institution that was established as KL College of Engineering in 1980-81. Recognized as a Deemed to be University by the UGC in 2009, KLEF has consistently achieved top national and international rankings and accreditations. KLEF offers a diverse range of programs across various disciplines, fostering an environment of academic, research, and innovation excellence. With state-of-the-art infrastructure, distinguished faculty, and cutting-edge research, the institution is committed to creating the next generation of global leaders and professionals, with an emphasis on holistic development and global exposure. The institution's strong placement record, in collaboration with top companies worldwide, ensures that students are well-prepared to excel in their careers.

## ABOUT KLCP

K L College of Pharmacy (KLCP) is established in the year of 2016 and is currently offering B.Pharm (4 years), Pharm.D (6years), M.Pharm Pharmaceutics (2 years) and Ph.D. program under the aegis of Koneru Lakshmaiah Education Foundation (KLEF). KLCP is well furnished with state of art facilities to conduct the program meeting the global standards. The college has infrastructural facilities in terms of well-equipped laboratories with modern instruments and well-furnished and spacious classrooms to appease the requirement of undergraduate & postgraduate students and Ph. D scholars in addition to the central facilities at K L University level

## ABOUT WORKSHOP

This workshop highlights the transformative role of pharmacogenomics in clinical practice, to empower healthcare professionals to optimize drug therapies, minimize adverse drug reactions, and enhance treatment efficacy. The event emphasizes a patient-centric approach. It also offer a valuable insights through case studies and expert perspectives, equipping participants with knowledge to enhance their clinical practice. These sessions will bridge the gap between groundbreaking scientific advancements into everyday patient care. We invite Undergraduate, Postgraduate, Research Scholars, Faculty and Industry experts from clinical background to join the conference, share and exchange their ideas to improve patient health care and moving towards personalized medicine.

## ORGANIZING COMMITTEE

### CHIEF PATRONS:

**Er. K. Satyanarayana,**  
President, KLEF  
**Smt. K. Siva Kanchana Latha**  
Secretary, KLEF  
**Er. K. L. Havish,**  
Vice-President, KLEF  
**Er. K. Raja Harin,**  
Vice-President, KLEF

### PATRONS:

**Dr. K. S. Jagannatha Rao,**  
Pro-Chancellor  
**Dr. G. P. S. Varma,**  
Vice-Chancellor  
**Dr. N. Venkatram,**  
Pro Vice-Chancellor  
**Dr. A.V.S. Prasad,**  
Pro Vice-Chancellor  
**Dr. K. Rajasekhara Rao,**  
Pro Vice-Chancellor  
**Dr. K. Subba Rao,**  
Registrar  
**Dr. Buchi N. Nalluri,**  
Director, Life Sciences

### CONFERENCE CHAIRMAN:

**Dr. G. Chakravarthi,**  
Principal, KL College of Pharmacy  
Dr. A. Anka Rao,  
Vice Principal,  
KL College of Pharmacy

### CONVENER:

**Dr. Ranakishor Pelluri,**  
M. Pharm, Ph.D., Asst. Professor,  
Dept. of Pharmacy Practice, KLCP

### Co-CONVENER:

**Dr. Jeevan Kumar,**  
Ph.D., Asst. Professor,  
Dept. of Pharmacy Practice, KLCP

## EMINENT FACILITATORS FOR TWO DAYS WORKSHOP



**Dr. Jayanthi Mathaiyan**  
MBBS, MD, DNB  
Professor & Head  
JIPMER, Puducherry



**Dr. U. S. Chakradhara Rao**  
M.Pharm, Ph.D  
Asst. Professor  
JIPMER, Puducherry



**Dr. K.P. Arun**  
M.Pharm, Ph.D  
Professor & Head  
JSS University, Ooty



**Dr. Nadipalli Sravani**  
MBBS, MD (Pediatrics), PDF  
Pediatric Hematology &  
Oncology (CMC Vellore)  
Ravi's American Cancer Care,  
Vijayawada



**Dr. Ravi Kiran Bobba**  
MBBS, MD (USA), FACP  
Ravi's American Cancer Care,  
Vijayawada



**Dr. Mahadev Rao**  
M.Pharm, Ph.D  
Professor & Head  
MAHE, Manipal



**Dr. A. Charanraj Goud**  
M.Sc, Ph.D  
University of Palacky,  
Czech Republic



**Dr. Ravi Ramalingam**  
M.Sc, Ph.D  
University of Texas, USA



**Dr. Ch. Ravikumar**  
Ph.D.,  
MGI Tech Singapore

## REGISTRATION DETAILS

Fee Structure	
Students	500 INR
Scholars	600 INR
Faculty	700 INR
Industrial Participants	800 INR

## ACCOUNT DETAILS

Name of the account	KL University
Account number:	62434363674
Name of the bank:	State Bank of India
Branch Name:	Vaddeswaram
IFSC Code:	SBIN0021361

## IMPORTANT DATES

Registration opening	1st June 2025
Last date for registration	3 <sup>rd</sup> August 2025

Registrations and fee related assistance

## CONTACT

**Dr. Mahima Swaroopa,**  
**Dr. Sushma N,**  
Email: [workshop.pgx@gmail.com](mailto:workshop.pgx@gmail.com)

Cell: 74162 11109  
Cell: 8247 656 486



## QR CODE FOR REGISTRATION:

- Registration link:  
<https://forms.gle/8yJUzCeoAEEVQGfN8>

All Correspondence should be addressed to

## CONVENOR

**DR. RANAKISHOR PELLURI**, M.Pharm, Ph.D, Asst. Professor  
Dept. of Pharmacy Practice, KLCP, KLEF.  
Email: [ranampharm@gmail.com](mailto:ranampharm@gmail.com) ; [pranakishor@kluniversity.in](mailto:pranakishor@kluniversity.in)  
Mobile: +91 9032694012

## CO- CONVENOR

**DR. B. JEEVAN KUMAR**, Ph.D, Asst. Professor  
Dept. of Pharmacy Practice, KLCP, KLEF.  
Email: [jeevankumar@kluniversity.in](mailto:jeevankumar@kluniversity.in)  
Mobile: +91 8332058908

# WORKSHOP REPORT



**Indian Council of Medical Research,  
Department of Health Research (ICMR-DHR)  
Ministry of Health & Family Welfare,  
Government of India, New Delhi**



Department of Health Research  
Ministry of Health and Family Welfare  
Government of India

**Sponsored**

## **National Workshop on Pharmacogenomics in clinical practice: Optimizing Drug Therapy Through Personalized Medicine**

**Theme:** Empowering Precision Medicine in Practice  
**(11<sup>th</sup> & 12<sup>th</sup> August 2025)**

**Venue: PEacock Hall, KLEF, Vaddeswaram, Guntur, AP.**

The KL College of Pharmacy, Koneru Lakshmaiah Education Foundation (KLEF), successfully inaugurated the Indian Council of Medical Research (ICMR) and Department of Health Research (DHR), Government of India sponsored National Workshop on Pharmacogenomics in Clinical Practice: Optimising Drug Therapy Through Personalized Medicine on 11<sup>th</sup> August 2025. The inauguration ceremony commenced with a warm welcome address delivered by **Prof. G. Chakravarthi, Principal, KL College of Pharmacy**, who highlighted the significance of pharmacogenomics in advancing personalized medicine and improving clinical outcomes.



- ❖ The event was graced by eminent dignitaries. The **Honourable Chief Guest, Dr. Jayanthi Mathaiyan, M.B.B.S, MD, DNB, Professor & Head, JIPMER, Puducherry**, in her inaugural address, emphasized the growing importance of genetic profiling in drug therapy and the need to integrate pharmacogenomics into clinical practice.
- ❖ The **Guest of Honour, Dr. G. Srinivas, M.D, NRI Hospital, Guntur**, appreciated the initiative taken by KL College of Pharmacy in bringing together experts and practitioners to discuss innovative approaches to optimize drug therapy.
- ❖ The invited guests, **Pro-Chancellor, Dr. S. Jagannatha Rao garu, KLEF, Prof. Buchi Nalluri, Director R&D and Life Sciences, KLEF**, and **Prof. G. Chakravarthi**, conveyed their best wishes and stressed the role of academic institutions in fostering translational research and clinical applications.

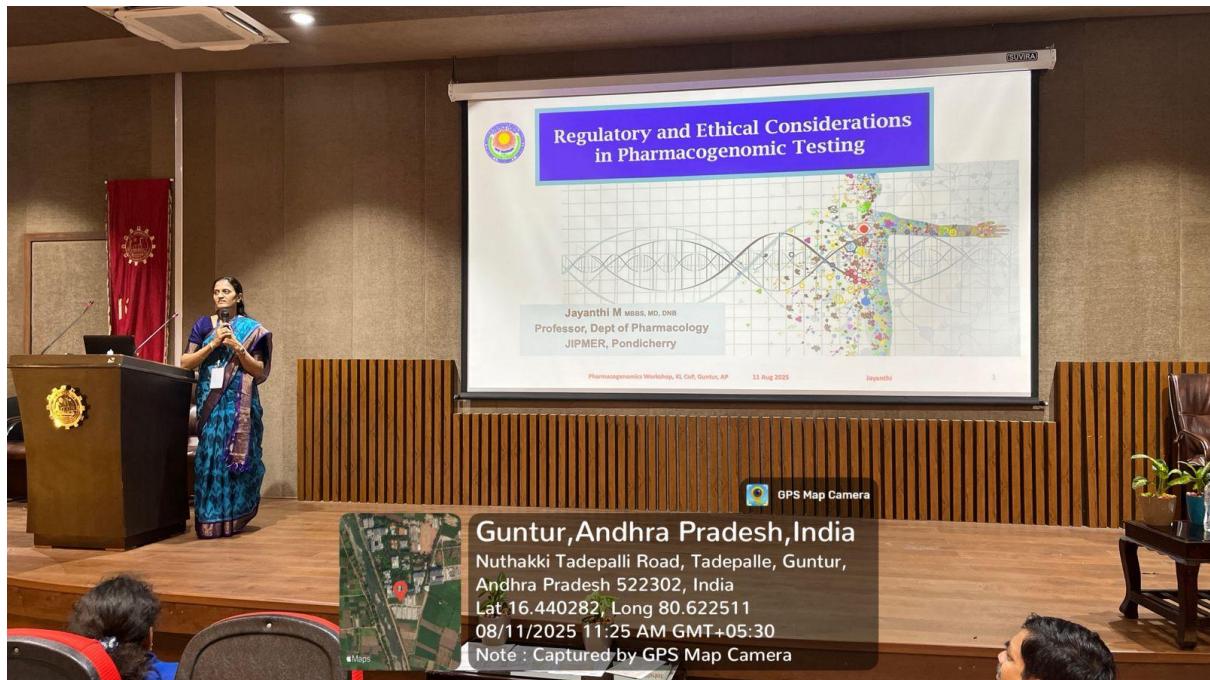


The ceremony was followed by the traditional lighting of the lamp and the release of the workshop brochure. Faculty members, research scholars, clinicians, and students from across the country participated with enthusiasm, marking the beginning of two days of knowledge sharing and deliberations on personalized medicine.

The inaugural session concluded with a formal vote of thanks, acknowledging the support of ICMR and DHR, distinguished guests, and the organizing team of KL College of Pharmacy for making the event a success.

## DAY-1 SESSION-1

**Prof. Dr. Jayanthi Mathaiyan MBBS, MD, DNB (Pharmacology)**, Dept. of Pharmacology, Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), Puducherry, Tamil Nadu, 605006, India. She had delivered the topic on “Regulatory and Ethical Considerations in Pharmacogenomic Testing”.



Emphasized the importance of patient safety, informed consent, genetic data privacy, and ethical challenges in clinical applications. She highlighted the necessity of robust regulations to ensure responsible implementation of pharmacogenomics in personalized medicine.

## DAY-1 SESSION-2

**Dr. Uppugunduri S Chakradhara Rao B.Pharm, M.Sc, Ph.D**, Assistant Professor, Dept. of Medical Oncology, Jawaharlal Institute of Postgraduate Medical Education & Research (**JIPMER**), Puducherry-605006, India, Had delivered a talk on *The Role of Genomics in Reshaping Healthcare Delivery: Personalized Medicine*.



He discussed how advances in genetic profiling and targeted therapies are transforming precision oncology by tailoring treatments to individual patient needs. His focus was placed on improving outcomes and minimizing toxicity, particularly for children with difficult-to-treat cancers, where personalized medicine offers renewed hope. Furthermore, he highlighted current evidence on pre-emptive pharmacogenomic (PGx) testing, underscoring its value in preventing adverse drug reactions and ensuring safer, more effective use of medicines across healthcare.

## DAY-1 SESSION-3

**Dr. Nadipalli Sravani**, MBBS, MD (Pediatrics), PDF, Pediatric Hematology & Oncology (CMC Vellore), Ravi's American Cancer Centre, Vijayawada. Has delivered a talk on *“Gene to cure-personalized medicine in pediatric cancer”*



She highlighted how advances in genetic profiling, targeted therapies, and precision oncology are transforming the landscape of pediatric cancer care. Emphasizing the promise of personalized medicine, she explained its role in improving treatment outcomes, minimizing toxicity, and enhancing quality of life. Dr. Sravani particularly focused on the hope it brings for children with difficult-to-treat cancers, where conventional therapies often fail, thus paving the way for tailored, evidence-based interventions.

## DAY-1 SESSION-4

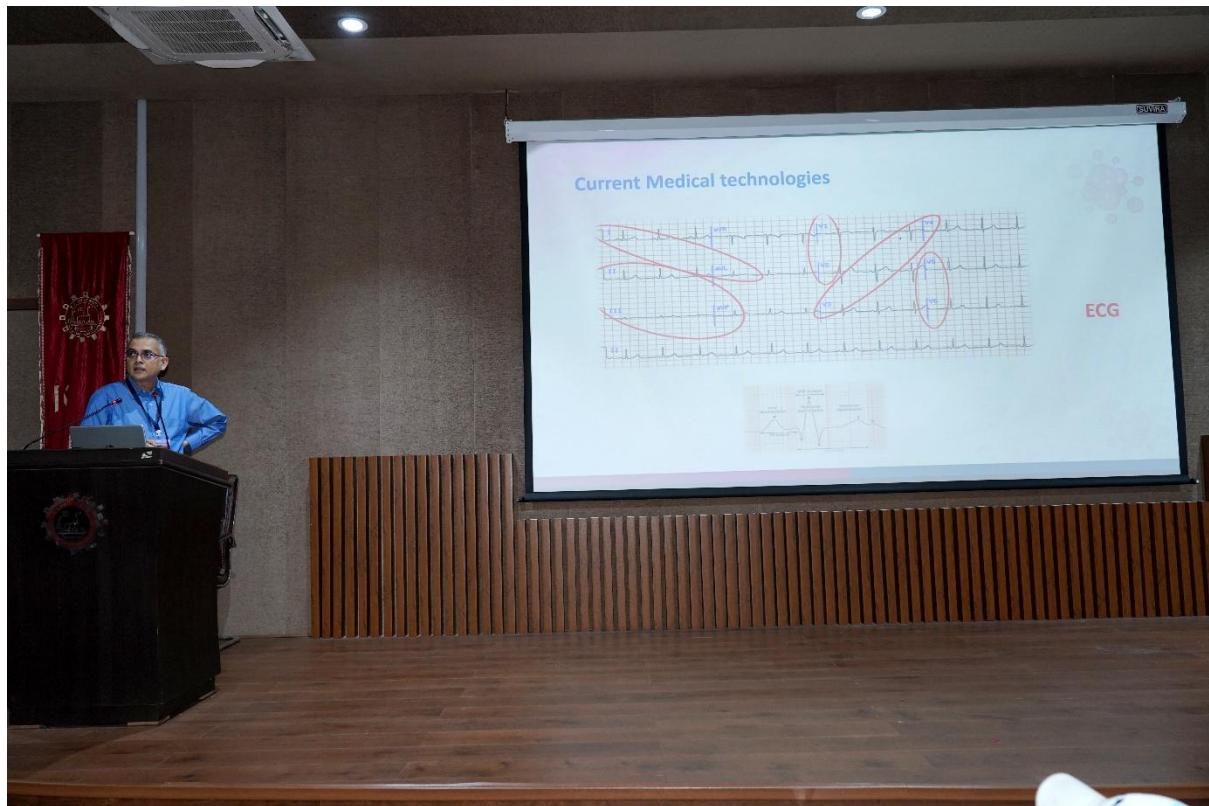
**Dr. Kanniappan Parthasarathy Arun M.Pharm, Ph.D**, Professor, Department of Pharmacy Practice, JSS College of Pharmacy, **JSS Academy of Higher Education & Research**, The Nilgiris, Ooty, Tamil Nadu, 643001, India. Sir delivered a talk on “*From Population to Individual: The Promise of Precision Dosing, Bridging Genetics and Drug Response*”.



He highlighted the shift from conventional population-based dosing approaches to individualized precision dosing, where genetic insights play a crucial role in guiding therapy. Dr. Arun emphasized how precision dosing can optimize drug response, enhance therapeutic outcomes, and minimize adverse effects. He concluded by stressing its importance in advancing personalized medicine and improving patient-centred clinical practice.

## DAY-1 SESSION-5

**Dr. Ravikiran Bobba M.B.B.S, M.D (USA), FACP, Medical Oncologist**, Ravi's American Cancer Centre, Vijayawada. A.P, India. He delivered a talk on *Advances in Medical Technology with respect to oncology practice*.



He emphasized the transformative role of recent technological innovations in shaping modern oncology. The session focused on advances in diagnostics, targeted therapies, and novel treatment delivery methods that are redefining cancer care. Dr. Ravikiran highlighted how these developments enhance precision in diagnosis and treatment, improve patient outcomes, and minimize treatment-related complications. He concluded by underscoring the shift toward a more personalized, patient-centred approach in oncology through medical technology.

## DAY-2 SESSION-1

**Dr. Ravikumar Chilukoti, Ph.D**, Head, India and SA technical support & PM, MGI Tech Singapore Pte. Ltd., 21Biopolis Road, #03-01, Nucleos, 138567, Singapore.  
“Role of NGS Based Targeted Enrichment in Precision Medicine & PGx”



Dr. Ravikumar Chilukoti emphasized the growing significance of precision medicine as an emerging approach in healthcare, highlighting the role of Next-Generation Sequencing (NGS) as a powerful tool in pharmacogenomics and targeted therapies. He elaborated on NGS-based methods for advancing precision medicine, particularly in personalized infectious disease detection, pharmacogenomics, and oncology. The session also covered the importance of exome panels in research and diagnostics, alongside MGI solutions supporting whole exome sequencing (WES) and targeted enrichment. He further outlined how NGS-driven targeted panels are transforming cancer diagnosis and treatment decision-making, underscoring their pivotal role in precision oncology.

## DAY-2 SESSION-2

**Dr. Mahadev Rao M.Pharm, Ph.D**, Professor & Head, Department of Pharmacy Practice, Manipal college of pharmaceutical sciences, Manipal Academy of Higher education (MAHE), Manipal, India. Has delivered a talk on *“The significance of Pharmacogenomics in the advancement of Precision Medicine in Clinical Research and Practice in India”*.



He highlighted the crucial role of pharmacogenomics in tailoring drug therapy to genetic makeup, thereby improving treatment efficacy, reducing adverse drug reactions, and ensuring patient safety. Dr. Rao emphasized its application in clinical research and practice, stressing how integration of pharmacogenomics can advance precision medicine and transform healthcare delivery across India's diverse and evolving population.

## DAY-2 SESSION-3

**Dr. Ravi Ramalingam, M.Sc, Ph.D**, (Biomedical Sciences, Pharmacogenetics), Research Scientist, University of Texas Health Science Center, **Texas, USA**. He demonstrated on Genome Aggregation Database (GenomAD)softwares, and also given (Interactive Hands-on) Demonstration of The Pharmacogenomics Knowledgebase (PharmGKB) software (Interactive Hands-on).



**Dr. Alladi Charanraj Goud M.Sc, Ph.D**, Research Scientist, Institute of Molecular and Translational Medicine (IMTM), **University of Palacky**, Olomouc, **Czech Republic**. He was delivered a talk on Clinical implementation and overcoming Barriers to Implementing Pharmacogenomics in Hospitals. How to Read & Interpret a Pharmacogenomic Test Report.

The overall workshop was conducted well and had received good feedback from delegates. There are fifty national participants were enrolled and attended for two days of this workshop.

## VOTE OF THANKS

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### Convener

DR. Ranakishor Pelluri

### Principal

Dr. G.Chakravarthi

## ICMR-Workshop Feedback