



PRINCIPAL K. M. KUNDNANI COLLEGE OF PHARMACY

(GOVT. AIDED, PCI APPROVED, ACCREDITED BY NBA & AFFILIATED TO UNIVERSITY OF MUMBAI)
Plot No. 23, Jote Joy Building, Rambhau Salgaonkar Road, Cuffe Parade, Mumbai-400005.



Report of Two Days National Seminar “Advanced Pharmacological *In Vitro* & *In-Vivo* Screening Techniques And Their Significance In Drug Discovery And Evaluation”

Date: 30th and 31st January, 2025

Time: 8:30 am to 6:00 pm

Venue: Late Smt. Geeta Israni Auditorium, Prin. K.M.Kundnani College of Pharmacy.

Participant registered.: 188

Granted By:

Anusandhan National Research Foundation (ANRF)

Science & Engineering Research Board (SERB)

Industry Partners:

Aadvent Medical Devices, Electrolab India Pvt. Ltd., Sayre Therapeutics, Nulife Pharmaceuticals, and Skanda Life Science

Convener: Dr. Rajani Athawale - I/C Principal

Coordinator: Dr. Mrinal Sanaye- Associate Professor in Pharmacology

Co-coordinator: Dr. Vandana Panda -Associate Professor

The seminar commenced with the traditional lighting of the lamp and the felicitation of dignitaries. Dr. Rajani Athawale, the In-Charge Principal, delivered the welcome speech, setting the stage for the day's proceedings.

Mr. Anil Harish, President of the H(S)NC Board, graced the occasion by his presence. He addressed the audience, emphasizing the significance of legal and regulatory aspects in drug development and the approval process. He highlighted how adherence to these regulations ensures drug safety and efficacy. Furthermore, he shed light on the importance of patents and trademarks in drug discovery, stating that adherence to laws is essential in pharmaceutical business. Mr. Anil Harish encouraged all participants to actively engage in discussions and make the most of the seminar to expand their knowledge and professional expertise.

The Chief Guest, Dr. Geetanjali Sachdeva, Director & Scientist G at ICMR-National Institute for Research in Reproductive and Child Health, Mumbai, delivered the Inaugural Speech, emphasizing the evolving landscape of pharmacological research. The seminar featured distinguished speakers who delivered insightful sessions on various aspects of pharmacological screening techniques. Dr. Madhusudhan N. Saraf, Vice President of the IPS, spoke about "Reverse Pharmacological Approaches in Drug Discovery & Development," illustrating case studies on Ayurvedic and herbal drugs. Other notable speakers, included senior scientists, Dr. Arindam Banerjee discussed *in-vitro* models , focusing on oncology research and the 3R principle, Dr. Mujahidkhan Pathan, provided in-depth knowledge on zebrafish models Dr. Pradip Chaudhari



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updated advanced imaging techniques, Dr, Sadhana Sathaye highlighted recent research trends in development of diagnostic methods, Dr, Purvi Bhatt highlighted senotherapeutic potential in prevention of cancer relapse and Dr. Sandhya Koushika from TIFR discussed and demonstrated the use of *C. elegans* in neuropharmacology research.

The seminar also included an engaging oral presentation competition, where 11 shortlisted abstracts out of 35 submissions were presented and Judged by Professor Ginpreet Kaur and Dr. Jagtap. Three best Presentations were awarded with cash prize and certificates.

The event concluded with a valedictory function, feedback collection, certificate distribution and a vote of thanks by Dr. Mrinal Sanaye. The seminar successfully provided participants with valuable insights into cutting-edge research methodologies and emerging trends in pharmacology.

Inauguration ceremony



Scientific sessions by Speakers:



Oral Presentations and Prize distribution



Demonstrations and Interactions:



KMKCP Team



Delegates

