DAY 2 SESSION – IV
10:00 a.m -11:00 a.m.

HALL 2&3 (SEATING CAPACITY 151)

Theme: Regulatory Aspects of Drug Standardization and Pre-clinical Research in Homoeopathy

Regulatory aspects of drug standardization and pre-clinical research in Homoeopathy are essential to ensure the safety, quality, and efficacy of medicines. Standardization involves authentication of raw materials, proper identification, purity assessment, and adherence to pharmacopeial standards such as those outlined by the World Health Organization (WHO) and national regulatory bodies. In India, guidelines in terms of Pharmacopoeias are provided by PCIM&H and the Acts and regulations are being governed by the Ministry of Ayush.
Pre-clinical research includes pharmacognostic, physicochemical, and toxicological studies conducted on source materials before potentization. These studies help establish safety profiles, detect contaminants, and ensure reproducibility. Regulatory frameworks also emphasize Good Laboratory Practices (GLP) and ethical considerations during experimentation. Documentation, validation, and quality control at every stage-from raw drug collection to final product—are mandatory. Together, these regulatory measures strengthen scientific credibility and global acceptance of homoeopathic medicines.

Convener: Dr. Digvijay Verma RO(Ph)/ S-I **Co- Convenor:** GV Narasimha Kumar, RO(P)/ S-II

Panelists

1. Dr. Raman Mohan Singh, Director of the Pharmacopoeia Commission for Indian Medicine & Homoeopathy

Dr. Raman Mohan Singh has been serving as Director of the Pharmacopoeia Commission for Indian Medicine & Homoeopathy since November 2022. Previously, he was Director of the Central Drugs Testing Laboratory, Mumbai under Central Drugs Standard Control Organization, and held additional roles at the National Tobacco Testing Laboratory and Government Medical Stores Depot. He has around 15 years of experience at the Indian Pharmacopoeia Commission, where he contributed to pharmacopoeial standards and analytical research, including heading the R&D and IP division. He holds an M.Sc. in Organic Chemistry and a Ph.D. in Bio-inorganic Chemistry, with over 120 publications and 50+ presentations. Dr. Singh has been associated with global bodies such as the United States Pharmacopeia and the European Directorate for the Quality of Medicines, and contributes to WHO-led initiatives like the International Herbal Pharmacopoeia.

2. Dr. Abdul Qayum, Director (Technical) and Deputy Chief Executive Officer (Dy. CEO) of the National Medicinal Plants Board (NMPB), Ministry of Ayush, Government of India

Dr. Abdul Qayum is the Director (Technical) and Deputy Chief Executive Officer (Dy. CEO) of the National Medicinal Plants Board (NMPB), Ministry of Ayush, Government of India, holding the position of Director Technical. He is IFoS, 2013 batch and frequently works to implement and monitor projects related to medicinal plants. A graduate from IIT Kanpur, he holds a PhD in Bioinformatics focusing on geo-spatial mapping of medicinal plants. He has published multiple research papers and authored two books. His achievements include a National Award for E-Governance (2020) for e-forest fire system and recognition among India's noted officers.

3. Dr. SR Chinta, Joint Adviser in the Ministry of Ayush

Dr. Srinivas Rao Chinta is Joint Adviser in the Ministry of Ayush. He holds a Bachelor's degree in Homoeopathic Medicine and Surgery (1996) and an M.D. (Homoeopathy) in Repertory from NTR University of Health Sciences, completed in 2007 at JSPS Homoeopathy Medical College, Hyderabad. He possesses over a decade of clinical experience, having been engaged in private homoeopathic practice in Hyderabad from 1996 to 2007. Since 2007, he has been serving in the Ministry of AYUSH, Government of India, in various key positions including Research Officer, Assistant Adviser, Deputy Adviser, and currently as CMO (NFSG)/Joint Adviser. During this tenure, he has handled significant policy, regulatory, and administrative matters related to homoeopathy education and practice, contributing to reforms in the sector. The officer has been actively involved in drug-related regulatory frameworks, including key amendments to the Drugs and Cosmetics Rules, 1945 pertaining to Indian systems of medicine and homoeopathy. He also played an important role in the formulation and operationalization of major legislations such as the National Commission for Indian System of Medicine (NCISM) Act, 2020 and the National Commission for Homoeopathy (NCH) Act, 2020. Internationally, he has served as a WHO Temporary Adviser and participated in inter-regional training workshops on traditional medicine held in Macao, China.

4. Dr. A. N. Shukla, Additional Director/ Scientist E in the Ministry of Environment, Forest and Climate Change.

Dr. A. N. Shukla is currently working as Additional Director/ Scientist E in the Ministry of Environment, Forest and Climate Change. Previously he was associated with the Botanical survey of India as Scientist and Botanical assistant. Currently he is engaged in Sustainable Development Goals of WHO pertaining to the health and environment.

5. Dr. Rachna Paliwal, Deputy Advisor, Ministry of Ayush

Dr. Rachna Paliwal is a Homoeopathy Post graduate from National Institute of Homoeopathy, Kolkata. She has been working in the Ministry of Ayush since 2016, dealing with all technical and regulatory matters of Ayush drugs and Industry. She has the distinction of being the notified Central Assistant Drug Controller for Homoeopathy Drugs in India and has served for three years in the Central Drugs Standard Control Organization (CDSCO) under the Drugs Controller General of India. During this tenure, she gained extensive experience in regulatory oversight, compliance, and quality assurance mechanisms. Dr. Paliwal has been actively involved in policy formulation and regulatory reforms concerning Homoeopathy, as well as Ayurveda, Siddha, and Unani (ASU) drugs. She has contributed significantly to amendments in the Drugs and Cosmetics Act, 1940 and Rules, 1945 from a quality control and regulatory perspective. She has also played a key role in the implementation of the Pharmacovigilance Programme for ASU& H drugs and in strengthening drug quality control initiatives of the Government of India. Dr. Paliwal is former Member of the Special Committee on Drug Standardization, Central Council for Research in Homoeopathy (CCRH), and a Member of the Technical Committee of the Homoeopathy Sectional Committee, Bureau of Indian Standards (BIS).

6. Dr. Vijay Pal Singh, Principal Technical Officer at the CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB) and Associate Professor at AcSIR

Dr. Vijay Pal Singh is a Principal Technical Officer at the CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB) and Associate Professor at AcSIR. He previously served as Joint Director at FSSAI and Consultant to WHO-SEAR. A veterinarian by training, he holds postgraduate and doctoral degrees in dairy science and biotechnology. He specializes in laboratory animal science, food safety, antimicrobial resistance, biosafety, and risk assessment. Dr. Singh is President of LASA India and holds key roles in global organizations such as ISAE, WHO, FAO/WHO (JECFA), and OIE. He is also an auditor for BIS, NABL, and OECD-GLP. With over 20 years of experience, he has contributed significantly to research and policy, published 50+ articles, authored books, and conducted international training programs in laboratory animal science.

Rapporteurs: Dr. Chittaranjan Kundu, RO(H)/ S-II, Mrs. Megha, RA (Chem.), Ms. Priyanka, JRF (Botany)