

International Pharmacology Conference - 55 th Annual National Conference of Indian Pharmacological Society (IPC-IPSCON 2025) Day 1- 20 th November 2025, Thursday					
08.30 am- 09.30 am	INAUGURAL CEREMONY - LAW AUDITORIUM (HALL 1)				
	Theme address of IPSCON 2025	Empowering young minds to transform Pharmacology for VIKSIT BHARAT			
09.30 am- 10.30 am	Plenary Talk	Dr. Naranjan S. Dhalla, Distinguished Professor, Centre for the Advancement of Medicine, Canada Title: Beneficial Effects of Polyclonal Antibodies against Ca2+/ Mg2+-ecto ATPase on Contractile Dysfunction in Ischemia- reperfused Hearts Chair: Dr. S.K. Kulkarni, Dr. N. Zaheer Ahmed, Dr. Dulal Panda			
Day1 10.30 am- 11.30 am	Law Auditorium (Hall 1)	Hall 2	Hall 3	Hall 4	Poster Session 1 10.00 am- 01.00 pm Venue: Near Exhibition/ Food Court
	<u>Oration 1: Dr. G Achari Oration</u> Chair: Dr. Gautam Palit, Dr. Millind Parle Speaker: Dr. S K Bandopadhyay Title: Medical education- Past, Present and Future <u>Oration 2: Dr. P. L. Sharma</u> Chair: Dr.B. Kalakumar, Dr. B. K. Roy Speaker: Dr. P. V. Diwan Title: The intellectual, who shaped our journey to success: A heartfelt tribute to our Guru	<u>U K Seth Prize Session: Oral Presentations</u> <u>Cardiovascular research (Clinical)</u>	<u>Online Session:</u> Speaker 1: Dr. Avtar Lal (Canadian Thoracic Society) Title: Requirements for the Development of Evidence- Based Clinical Practice Guidelines Speaker 2: Dr. Michael Spedding (President, Spedding Research Solutions SAS France) Title: Breakthroughs in motor neuron disease (MND) from new views on human evolution, from mice to the clinic Speaker 3: Dr. Yow Yoon Yen Dr. Sunway University, Malaysia Title: Seaweed Solutions: Neuroprotection, Antioxidants, and Skin Health from Padina australis — Bridging Natural Compounds and Pharmaceutical Innovation	<u>Invited Talk Session 1</u> Chair: Dr. Milind Parle, Dr. Rajesh Goel Speaker 1: Dr. Vijay K. Bharti (DIHAR, DRDO), Leh) Title: Addressing High-Altitude North-Western Himalayan Water Quality Challenges: Collaborative solutions to control health hazards and prospect Speaker 2: Dr. Jagjit Singh (Government Medical College and Hospital, Chandigarh) Title: Current advances in Pharmacotherapy of Heart Failure Speaker 3: Dr. Navneet Khurana (School of Pharmaceutical Sciences, LPU, Jalandhar- Delhi G.T. Road, Phagwara, Punjab, India) Title: Role and Applications of AI/ML in Preclinical Research	
11.30 am- 12.00 pm	TEA BREAK (Interaction with Eminent Pharmacologists)				Poster Session 1 Evaluation: 11.30 am- 12.30 am
Day1 12.00 pm- 01.30 pm	<u>Symposia 1: (Translational Frontiers: Bridging Molecular Insights to Clinical Innovation)</u> Chair: Dr. Shiv Prakash, Dr. S. K. Bandyopadhyay Speaker1: Dr. Anil Gulati (Pharmazz, Inc. 50 West 75th Street Suite 105 Willowbrook, IL 60527, USA) Title: Centhaquine (Lyfaquin®) in managing perioperative and critical care medicine patients Speaker 2: Dr. Nicolas Clere (Faculty of Health, Department of Pharmacy, University of Angers, France) Title: Understanding endothelial-to-mesenchymal transition to improve cancer treatment: a major challenge involving the tumor microenvironment Speaker 3: Dr. Suresh C. Tyagi (University of Louisville, Louisville, KY, USA) Title: Epigenetics of morning heart attacks.	<u>Symposia 2: (Chronic & Metabolic Disease Management)</u> Chair: Dr. Abha Kumari, Dr. P. V. Diwan Speaker 1: Dr. Vetriselvan Subramaniyan (Division of Pharmacology, Faculty of Medical and Life Sciences, Sunway University, No. 5, Jalan University, Bandar Sunway, 47500 Selangor Darul Ehsan, Malaysia) Title: Confronting Obesity: Global Perspectives and India’s Path Forward Speaker 2: Dr. Ashay Bhatwadekar (Department of Ophthalmology, Eugene and Marilyn Glick Eye Institute, 1160 W. Michigan Street GK-305P, Indianapolis, IN 46202, USA) Title: Pursuit of Diabetic Retinopathy: Causes, Diagnosis, and Management Speaker 3: Dr. Flavien Bessaguet (Faculty of Health, Department of Pharmacy, University of Angers, France) Title: Development of New Therapies for the Management of Chemotherapy-Induced Peripheral Neuropathies (CIPN)	<u>Symposia 3: (Translational Insights into Neuropharmacological Innovations for Neurodegeneration and Brain Recovery)</u> Chair: Dr. B. K. Roy, Dr. J. Sharma, Dr. Satish Chandra Speaker 1: Dr. Devendra K. Agrawal (College of Osteopathic Medicine of the Pacific Western University of Health Sciences 309 East Second Street, USA) Title: Electromagnetic Field Stimulation in the Healing of Traumatic Brain Injury Speaker 2: Dr. Anil K Chauhan (Department of Internal Medicine, Carver college of Medicine, Lova City, USA) Title: Novel mechanisms and future therapies for improving cerebroprotection Speaker 3: Dr. Hanish Singh JC (Department of Pharmacology & Life Sciences, Faculty of Pharmacy, UiTM, Malaysia) Title: Stress Beyond Cognition: The HPA Axis- Corticosterone Neurobiology in Alzheimer's Pathogenesis	<u>Symposia 4: (Innovations in Cardiovascular Health and Therapy)</u> Chair: Dr. Pawan Krishan, Dr. Vandana Roy Speaker 1: Dr. Harpal S. Buttar. (Department of Pathology and Laboratory Medicine, University of Ottawa, Faculty of Medicine, Ottawa, Ontario, Canada) Title: Clinical Evidence Supporting the Benefits of Healthy Gut Microbes, Dietary Interventions, and Lifestyle Changes in Preventing Cardiovascular Diseases Speaker 2: Dr. Rajkumar Verma (Department of Neuroscience, Pat and Jim Calhoun Cardiology Center, UConn Health, Farmington CT, USA) Title: miRNA inhibition: A potential Therapeutic Strategy for Ischemic Stroke Recovery Speaker 3: Dr. Varro Andras (Department of Pharmacology and Pharmacotherapy, University of Szeged, Szeged, Hungary) Title: The investigation of the antiarrhythmic and cardiac electropysiological effects of novel amiodarone-like mexiletine analogue compound szv-2649	
01.30 pm- 02.30 pm	LUNCH BREAK				

Day1 02.30 pm-03.30 pm	<u>Oration 3: Colonel Ram Nath Chopra Oration</u> Chair: Dr. Naranjan S. Dhalla, Dr. Babul Kumar Speaker: Dr. Gautam Palit Title: Drug Discovery: Novel Approaches in Developing Leads from Indian Medicinal Plants for Peptic Ulcer Disease	<u>Gufic Prize Session: Oral Presentations</u> <u>Cardiovascular research (Basic)</u>	<u>Invited Talk Session 2</u> Chair: Dr. Abha Kumari, Dr. Sandeep Arora Speaker 1: Dr. Raveendran (Former Professor JIPMER, Pondicherry) Title: Alternatives to animals in education: An Indian Perspective Speaker 2: Dr. Shamsher Singh Bajwa (ISF College of Pharmacy, Moga, Punjab, India) Title: Current Challenges in Herbal Drug Discovery and Opportunities: Animal Models of Zebrafish Speaker 3: Dr. Rohit Goyal Shoolini University, Solan, Himachal Pradesh Title: Life-style associated Circadian alternations: Impact on Cognition, Activity-Rhythm and Brain pathology	<u>Symposia 5: (Emerging trends and application of Herbals in Unani Medicine)</u> Chair: Dr. Ghazala Javed, Dr. Nighat Speaker 1: Dr Ghazala Javed (Assistant Director, CCRUM, Delhi) Title: Unanai Medicine in mainstream healthcare-Current Scenario Speaker 2: Gulam Mohd. Hussain (CCRUM, Ministry of Ayush, Govt. of India) Title: Pharmacological Evaluation of Traditional Unani Medicine: Challenges and Way Forward Speaker 3: Dr. Mohd. Urooj (Research Officer, CCRUM, Delhi) Title: Integration of traditional medicine with modern medicine: Challenges and Prospects Speaker 4: Dr. Ritu Karwasra (Scientist, CCRUM, Delhi) Title: Treatment with Pomegranate Attenuates Tacrolimus induced Nephrotoxicity via suppression of oxidative stress and apoptosis in wistar rats.	<u>Poster Session 2</u> 02.00 pm-05.00 pm <u>Venue: Near Exhibition/ Food Court</u>
	TEA BREAK (Interaction with Eminent Pharmacologists)				<u>03.30 pm-04.30 pm</u>
Day1 04.00 pm-05.30 pm	<u>Symposia 6: (Biologics and Biosimilars)</u> Speaker 1: Dr. Shubhadeep Sinha (Senior VP, Hetero Biopharma) Title: Clinical Development of Biosimilars Speaker 2: Dr. Shaifali Gupta (Director and Head, Clinical Pathology, Cliantha) Title: Bioanalytical Testing of Biosimilars- PK, PD & Immunogenicity-Bioanalysis and bioanalytical methods of Biosimilar pk and immunogenicity. Speaker 3: Dr. Nitu Sinha (Vice- President, Mankind Pharma) Title: Pharmacovigilance for biosimilar products Speaker 4: Dr. Pankaj Thakur (Senior General Manager, Hetero Labs) Title: New Age Biologics- ADCs, biologic combinations and Bispecific antibodies Speaker 5: Prasun Guha (Vice- President, Dr. Reddy's Laboratories) Title: Regulatory requirements of Biosimilars - India, RoW, USA, EMA, Asia Speaker 6: Dr. Soumya Rout GM, Preclinical Discovery, Hetero Lab Title: Preclinical studies with biosimilars and ADCs	<u>Symposia 7: (Preclinical Pharmacology: Navigating Translational Challenges and Ethical Considerations)</u> Chair: Dr. Addepalli Veeranjanyulu, Dr. Rohit Bisht Speaker 1: Dr. Adam Gesing (Department of Endocrinology of Ageing, Medical University of Lodz, Poland) Title: Selected experimental animal (mice) models used in research on ageing processes and their potential importance in pharmacotherapy Sperker 2: Dr. Kalpani Ratnayake (Department of Cosmetic Science, Faculty of Health Sciences, CINEC Campus, Millennium Drive, IT Park, Malabe, Sri Lanka) Title: Swimming Toward Ethical Innovation: The Role of Zebrafish in Replacing Traditional Animal Models in Dermatology Speaker 3: Dr. Dharmendra Ahuja (Bureau for health & Education Status Upliftment, India) Title: Practical Applications of AI in Pharmacology Speaker 4: Dr. Tirthankar Deb (AIIMS Kalyani, West Bengal, India) Title: Community Pharmacology: road to Viksit Bharat through Youth participation in health for all	<u>Symposia 8: (Global Approaches to Healthcare: Fostering Collaboration Between Academia, Industry, and Regulators)</u> Moderator: Dr, Indu Pal Kaur , UIPS, Panjab University Panelist 1: Dr. Manish Kapoor (State Drug Regulator, Himachal Pradesh, India) Panelist 2: Dr. Anurag Kherra (Glenmark) Panelist 3: Dr. Jaspreet Gulati (Hitech Foundation) Panelist 4: Mr. Barinder Singh (Pharmacoevidence Mohali) Panelist 5: Mr. Sanjeev Garg (State Drug Controller, Punjab) Panelist 6: Mr. Lalit Kumar Goel (State Drug Controller, Haryana) Panelist 7: Mr. Amol Agrawal (Venus Remedies Ltd)	<u>Symposia 9: (Advancing Cardiovascular Care: Stem Cells, Electrophysiology, and New Therapeutic Approaches)</u> Chair: Dr. M. N. Saraf, Dr. V. R. Sinha Speaker 1: Dr. Peter P. Nanasi (Department of Physiology, University of Debrecen, Hungary) Title: Mechanism of β-adrenergic activation of cardiac K + currents Speaker 2: Dr. Sanjiv Dhingra (Max Rady College of Medicine, University of Manitoba, Canada) Title: Allogeneic stem cells for cardiac regenerative medicine Speaker 3: Dr. Ramesh. K.Goyal (Delhi Pharmaceutical Sciences & Research University, Delhi) Title: Reverse Engineering for Drug Discovery from Natural Resources for treatment of Cardio vascular Complications. Speaker 4: Dr. Payodhi Dhar (Founder & President, Kolkata Nurture Foundation, West Bengal) Title: Positioning Pharmacologist in Present Practice of Patient Care	
06.00 pm-07.00 pm	CULTURAL PROGRAM (Law Auditorium, Hall 1)				
07.00 pm-onwards	WELCOME DINNER				

International Pharmacology Conference - 55 th Annual National Conference of Indian Pharmacological Society (IPC-IPSCON 2025) Day 2- 21 st November 2025, Friday					
	Law Auditorium (Hall 1)	Hall 2	Hall 3	Hall 4	
Day 2 08.30 am-10.00am	<u>Oration 4: Dr. B. N. Ghosh Oration</u> Chair: Dr. Samir Malhotra, Dr. Tapan Kumar Mandal Speaker: Dr. Chanda Kulkarni Title: An overview of successful and exciting research experiences in the field of EPILEPSY: My ‘roller coaster’ journey <u>Oration 5: Dr. N.S. Dhalla Oration</u> Chair: Dr. Y. K Gupta, Dr. Shiv Prakash Speaker: Dr. Tejal Gandhi Title: Decoding the Cardioprotective Symphony of Betulin: From Transcriptomic Signatures to Therapeutic Promise	<u>G Achari Prize Session: Oral Presentations</u> <u>Neuropharmacological research (Clinical)</u>	<u>Invited Talk Session 4</u> Chair: Dr. Ittagi Sanmukha, Dr. Niraj Kumar Singh Speaker 1: Dr. Jayaraman Rajangam (SVCP, Pondicherry) Title: Ethics and Innovation in Preclinical Research: A Multidisciplinary Perspective Speaker 2: Dr. Nusrat Nabi (PTC HIMSR & HAHC Hospital New Delhi) Title: Medication Safety: The Translational Aspects of Clinical Pharmacology Speaker 3: Dr. J Archana (R.B.V.R.R. Women’s College of Pharmacy, Hyderabad) Title: Nourishing Hope: The role of Diet in Breast cancer Prevention and management Speaker 4: Dr. Sidharth Mehan (ISF College of Pharmacy, Moga, Punjab) Title: Amyotrophic Lateral Sclerosis (ALS): Challenges, Diagnostic Approaches, and Therapeutic Solutions in Neurodegeneration Research	<u>Invited Talk Session 5</u> Chair: Dr. Puneet Bansal, Dr. Ved Prakash Speaker 1: Dr. K. Sreedhara Ranganath Pai (Manipal Academy of Higher Education, Manipal) Title: Exploring the DKK1-inhibitory Potential of Risedronate using in Silico and in Vitro analyses. Speaker 2: Dr. Bhagya V (Department of Pharmacology, KLE College of Pharmacy, KLE University, Bengaluru 560 011) Title: Guarding the Brain: Ficus infectoria and Its Neuromodulatory Role in Rotenone Toxicity Speaker 3: Dr. Ashwani S. Patil (Dr. D Y Patil Institute of Phram Sci and Res., Pune, Title: Catalyzing Change: Young Minds Transforming Pharmacology for a Developed Nation	<u>Poster Session 3</u> <u>10.00 am-01.00 pm</u> <u>Venue: Near Exhibition/ Food Court</u>
Day 2 10.00 am - 11.20 am	<u>Symposia 10: (Empowering Women in Pharmacology to Make a Global Healthcare Difference)</u> Chair: Dr. Urmila M Aswar, Dr. Shailja Rao Speaker1: Dr Chetna Desai (Chief Medical Affairs/Clinical harmacology - iDD Research Solutions Pvt Ltd) Title: The wide spectrum and ever-growing career opportunities for Clinical Pharmacists of TODAY Speaker 2: Dr. Bhoomika Patel (National Forensic Sciences University, Gujarat, India) Title: Pharmacology Meets Forensics: From Cancer Treatment to Forensic Identification Speaker 3: Dr. Swathi Putta (Director and Founder: Yogvahi Industries) Title: Menstrual Health and Hygiene: Implications for Women’s Wellbeing Speaker 4: Dr. Vandana Roy (MAMC, Delhi) Title: Essential Medicine Concept in Public Health: How essential are they?	<u>OD Gulati Prize Session: Oral Presentations</u> <u>Neuropharmacology (Basic sciences)</u>	<u>Symposia 11: (Progress of neuropsychopharmacology : Legacy of UIPS)</u> Moderator: Dr. Millind Parle, Chair: Dr. Kanwaljit Chopra Speaker 1: Dr. Milind Jog (C. E. O. Proficient) Speaker 2: Dr. Bobby George (Vice President, Group Head, Regulatory Affairs, Reliance Life Sciences, Navi, Mumbai) Speaker 3: Dr. Naveen Jain (Vice President, Panacea Biotech, New Delhi) Speaker 4: Dr. C. S. Patil (AGM, Panacea Biotech, New Delhi) Speaker 5: Dr. Dinesh Dingra, (Professor, GJU, Hisar) Speaker 6: Dr. Mahendra Bishnoi, (BRIC-NABI, Mohali) Speaker 7: Dr. S.K. Kulkarni (Professor Emeritus, Panjab University, Chandigarh)	<u>Symposia12: (Translational Insights in Cardiovascular Disease and Therapy)</u> Chair: Dr. Addepalli Veeranjanyulu , Dr. Ashutosh Kumar Speaker 1: Harlokesh. N. Yadav (AIIMS, Delhi) Title: Role of Vitamin D in the severity of cardiovascular disorder- An Animal study & Clinical trial. Speaker 2: Dr. Shambo Samrat Samajdar (JMN Medical College & Hospital Diabetes & Allergy-Asthma Therapeutics Clinic, Kolkata) Title: Allergen Immunotherapy in the Right Patient: Precision care from Clinical Pharmacology OPD Speaker 3: Dr. Manoj K Bharthwal (CSIR-CDRI, Lucknow) Title: Targeting Innate Immune Signaling in Cardiovascular Disease with Inflammatory Phenotype Speaker 4: Dr. Balaram Ghosh (Midnapore Medical College Govt of West Bengal) Title: Cardiovascular disease and Cancer: Mechanistic Implications	<u>Poster Session 3 Evaluation:</u> <u>11.30 am-12.30 am</u>
11.20 am - 11.40 am	TEA BREAK (Interaction with Eminent Pharmacologists)				

Day 2 11.40 am-01:00 pm	Symposia 13: (Driving Healthcare’s Future: The Role of Innovation, Startups, and Entrepreneurship) Chair:, Dr. Y. K. Gupta, Dr. S. Ziaur Rehman Keynote Speaker: Dr. Y. K. Gupta President, AIIMS, Kalyani Title: Empowering Pharmacology Youth for Contemporary Challenges in Health and Pharma Sector Speaker 1: Dr. Shiv Prakash Rathnam, (Former President Indian Pharmacological Society, Synchron Research Pvt. Ltd) Title: Startup ideas: AI in drug discovery Speaker 2: Dr. Bobby George (Reliance Life Sciences, Mumbai) Title: Emerging role of Indian Pharma in meeting global health challenges Speaker 3: Dr. Vishal Wahane (Associate Director Medical Affairs, Walter Bushnell) Title: Best Value Biological Medicine Selection	Symposia 14: (Innovations in Therapeutics: Advancing Health through Science and Discovery) Chair: Dr. Rajinder Harna, Dr. O. P. Katare Speaker 1: Dr. Pradeep Kumar (University of the Witwatersrand, Johannesburg, South Africa) Title: Advancing Drug Delivery Frontiers: Combating Tuberculosis through Innovation Speaker 2: Dr. Mukesh Nandave (DPSRU, New Delhi, India) Title: Translating Hybrid Gel Technology for Innovative Wound Care Speaker 3: Dr Karuna Sree Podila (AIIMS Kalyani) Title: Glycemic Control to Multisystem Benefits: The Evolving Role of GLP-1 Analogues and its Safety Perspectives Speaker 4: Dr. Richa Rathor (Defence Institute of Physiology and Allied Sciences (DIPAS), DRDO, Ministry of Defence, New Delhi) Title: High altitude induced skeletal muscle atrophy: a pivotal role of myokine	Symposia 15: (Pharmacoeconomics: Driving Affordable Therapeutic Solutions in India) Chair: Dr. Manoj K Barthwal, Dr. Alka Bali Speaker 1: Dr. Rahul Deshmukh (Central University of Punjab, Bathinda, India) Title: Bioinformatics Analysis Of Fibroblast Growth Factors In Alzheimer’s Disease: Transcriptomic Evidence And Functional Implications Speaker 2: Dr Anoop Kumar (Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi) Title: Pharmacoeconomics in indian health care: Bridging Affordability & Accessibility Speaker 3: Dr. G. L. Vishwanath (Manipal College of Pharmaceutical Sciences at PQ) Title: Novel Approaches in safety Assessment: Bridging Discovery with Dossier Speaker 4: Dr. Sameer Dhingra (NIPER Hajipur, Bihar, India) Title: AMR in Cancer Patients: A Call to Action for Collaborative Solutions	Symposia 16: (Integrating Informatics, Innovation, and Community for a Healthier Future) Chair: Dr. K. B. Tikoo, Dr. Ranju Bansal Speaker 1: Dr. Rajesh Goel (Panjabi University, Patiala) Title: Challenges in Develpoing Animal Models: The role of Informatics tool Speaker 2: Dr. Olga Tarasova (Institute of Biomedical Chemistry, Moscow, Russia) Title: Prediction of adverse reactions of paired drug combinations based on structure-activity relationships and network approaches Speaker3: Dr. Shreesh Ojha (College of Medicine UAE University) Title: Role of Cannabinoid CB2 receptor in non-alcoholic fatty liver disease Speaker 4: Dr. Debashish Hota (AIIMS Bhuwneshwar) Title: From Concentration to Context: The Evolution of TDM in the Era of Precision Medicine	
01.00 pm-02.00 pm	LUNCH BREAK				
Day 2 02.00 pm-03.30 pm	<u>Oration 6: CDRI Oration</u> Chair: Dr. C.S Gautam, Dr. Kanwaljit Chopra Speaker: Dr. Kavita Gulati Title: Synergizing Modern Medicine with Traditional Wisdom in New Drug Discovery. <u>Oration 7: Dr. S.C. Lahiri Oration</u> Chair: Dr. S.S.Sharma, Dr. Sukhbir Kaur Speaker: Dr. Sadhana Sathaye Title: From Blood to Brain: A translational Strategy for Early Diagnosis & Targeted Therapy in Parkinson’s Disease	<u>Symposia 17: (Transforming Therapeutics and Medication Safety in India Using Artificial Intelligence and Digital Analytics)</u> Chair: Dr Puneet Dhamija, Dr Narender Kumar Speaker 1: Mr Tarun Gupta (Director & CEO, VaidyaRx Pvt Ltd.) Title: Artificial Intelligence in Indian Health Care: Driving Rational Therapeutics & Personalized Medicine Speaker 2: Dr. Sangeeta Yadav (Dr. Baba Saheb Ambedkar Medical College & Hospital, Delhi) Title: Artificial Intelligence for Pharmacovigilance: Enhancing Drug Safety through Advanced Technologies. Speaker 3: Mr Amit Verma (Health Information Expert at National Health Authority, New Delhi) Title: Enabling India’s Digital Health Backbone: ABDM Integration for Rational Therapeutics, Medication Safety, and AMR Surveillance Speaker 4: Dr. Sandeep Kaushal (DMCH Ludhiana) Title: AI and Pharmacovigilance	<u>Invited Talk Session 6</u> Chair: Dr. Nidhi Goyal, Dr. Debashish Hota Speaker 1 Dr. Boyina Hemanth Kumar (Chandigarh University, Punjab) Title: Targeting Neurodegeneration Through Nature-Inspired Therapeutics Speaker2: Dr. Awanish Mishra (NIPER Guwahati) Title: Unveiling the Novel Role of SERCA2b: Calcium Homeostasis and Therapeutic Potential in Epilepsy Speaker 3: Dr Fathima Beegum (Yenepoya Pharmacy College & Research Centre I Dst- Women Scientist -A) Title: From Lab to Life: Translating Pharmacological research into Impact. Speaker 4: Dr. Jyoti Upadhyay (UPES University, Dehradun) Title: Computational Exploration of Bioactive Compounds from Asparagus racemosus for Postpartum Depression	<u>Invited Talk Session 7</u> Chair: Dr. Yogesh Kulkarni Speaker 1: Dr. Vipin Kumar Parihar (NIPER, Hajipur) Title: Unforeseen Mechanisms of Sex Specific Mitophagy & Neurodegeneration in Diabetes: Gene to Behavior Study Speaker 2: Dr. Harmanjit Singh (GMCH, Chandigarh) Title: GLP-1 Receptor Agonists: Emerging safety signals and real-world challenges Speaker 3: Dr. Sneha Bagle (D Y Patil Deemed to be University School of Pharmacy) Nerul, Navi Mumbai Title: From Nature to Neuroprotection: Phytoactive Exploration for Alzheimer's in Zebrafish and Rodents Speaker 4: Dr. Rahul .K. Verma (Institute of Nano Science and Technology, Mohali) Title: Flare responsive drug delivery for Rheumatoid Arthritis.	<u>Poster Session 4</u> <u>02.00 pm-05.00 pm</u> <u>Venue: Near Exhibition/ Food Court</u> <u>Poster Session 4 Evaluation:</u> <u>03.30 pm-04.30 pm</u>
03.30 pm-03.50 pm	TEA BREAK (Interaction with Eminent Pharmacologists)				

Day 2 03.50 pm-05.10 pm	<u>Symposia 18: (Neuropharmacology Advances 2025: Mechanisms in Neurodegeneration and Cognitive Disorders)</u> Chair: Dr. Nirmal Singh, Dr. Y. K. Gupta Speaker 1: Prof. Shyam S. Sharma (NIPER SAS Nagar) Title: Targeting TRP Channels for the Treatment of Cognitive Impairment Speaker 2: Dr. Ravinder K. Kaundal (NIPER Raebareli) Title: Exploring the Neuroprotective Effects of Urolithins: Mechanistic Insights into Cell Death Pathways Speaker 3: Dr Ashutosh Kumar (NIPER, Mohali, Punjab) Title: Targeting Sirtuins for mitochondrial restoration in diabetic neuropathy: Mechanistic insights to future therapy Speaker 4: Dr. Ashok K. Datusalia (NIPER Raebareli) Title: Synaptic Plasticity Under Stress: NMDA Receptor Modulation and Nectin Dynamics in PTSD	<u>Symposia 19: (Advancements in Nutraceutical and Herbal Therapeutic Technologies)</u> Chair: Dr. P. V. Diwan, Dr. Maninder Karan Speaker 1. Dr. M. N. Saraf (H. K. College of Pharmacy, Jogeshwari (W) Mumbai) Title: Reverse pharmacology: transdisciplinary approach to rationalize herbal drug therapy Speaker 2. Prof. Sanjay Jachak (NIPER-Mohali, Punjab) Title: Nutraceuticals and Phytopharmaceuticals: A Paradigm Shift in Herbal Drug Technology Speaker 3: Dr Govind Singh (MDU Rohtak) Title: Unravelling Neurotherapeutic Potential of Unexplored Himalayan Folk Medicinal Speaker 4: Dr. Rajesh Kumawat (Himalaya Wellness Company, Bangaluru) Title: Herbal Products: The bitter reality of perception	<u>Symposia 20: (The Gut Microbiome in Therapeutics: Bridging Basic Science and Clinical Practice)</u> Chair: Dr. Naveen Jain. Dr. C. S. Patil Speaker 1: Dr. Kanthi Kiran Kondepudi. (National Agri-Food and Biomanufacturing Institute (BRIC-NABI) Mohali, Punjab Title: Gut-Brain Interactions: Modulating Mental Health with Probiotics, Prebiotics, and Synbiotics Speaker 2: Dr. Kasif Hanif (CDRI, Lucknow) Title: Fatty Acid Synthase: An emerging target for cardiovascular diseases Speaker 3: Dr. Mahendra Bishnoi (National Agri-Food and Biomanufacturing Institute (BRIC-NABI) Mohali, Punjab Title: Microbiota Based Therapeutics: Bridging Experimental Insights & Patient Care Speaker 4: Dr. Mani Chopra (Department of Zoology, Panjab University, Chandigarh) Title: Prenatal stress triggers gut-brain axis apoptosis and associated behavioral deficits: Amelioration by gestational morin administration	<u>Symposia 21: Bridging Science, Regulation, and Therapy for Better Health</u> Chair: Dr. Chetna Desai, Dr. Ashay Bhatwadekar Speaker 1: Dr. Nitin Kothari (Government Medical College & Hospital, Dungarpur, Rajasthan) Title: Antimicrobial Resistance- National Action Plan- an initiative by National Medical Commission. Speaker 2: Dr. Vivek Vidyadhar Bhosale (CSIR-Central Drug Research Institute, Jankipuram Extension, Lucknow) Title: Navigating Clinical Trial Approvals for Phytopharmaceutical Drugs: Insights from the DCGI Framework. Speaker 3: Dr. Ashish Kakkar (Department of Pharmacology, Research Block – B Postgraduate Institute of Medical Education and Research Chandigarh) Title: Neuroimmune Axis in Neurodegeneration: Unravelling Mechanisms and Unlocking Therapeutic Opportunities Speaker 4: Dr. Bushra Praveen (School of Pharmaceutical Ed. and Res., Jamia Hamdard) Title: Reverse Pharmacology as a Pathway for Natural Medicines	
Day 2 05.10 pm-06.30 pm	<u>Symposia 22: (Neurotherapeutic Strategies and Mechanistic Advances in Brain Health</u> Chair: Dr. Ramesh Kumar Goyal , Dr. C S Gautam Speaker 1: Dr. Nirmal Singh (Panjabi university, Patiala) Title: Modulating Nuclear Receptors a Promising Strategy for Management of Dementia Speaker 2: Dr. Jigna shah (Nirma University,Gujarat, India) Title: Neuroprotective Potential of Potassium-Competitive Acid Blocker for treatment of Alzheimer’s disease Speaker 3: Dr. Hemant Kumar (Department of Pharmacology and Toxicology, NIPER Ahmedabad) Title: Rab27a-Dependent Release of CSPGs via Extracellular Vesicles from Astrocytes Contributes to Sub-Acute Scar Formation in a Spinal Cord Injury Model	<u>Symposia 23: (Alternatives to Animal Testing in Pharmacology: Ethical and Translational Perspectives)</u> Chair: Dr. Ashish kakar, Dr. Poonam Piplani Speaker 1: Dr. K.L. Krishna (Department of Pharmacology JSS College of Pharmacy, JSS Academy of Higher Education & Research, Mysuru) Title: Exploring Drosophila as a Preclinical Model: Opportunities and Challenges Speaker 2: Dr. Arti Singh (UPES, Dehradun) Title: Zebrafish as a 21st Century Model for Ethical Biomedical Research Speaker 3: Dr Rohit Bisht (Pharmaceuticals & Medical Devices, People for the Ethical Treatment of Animals (PETA) India) Title: Humane-Relevant Methods in Drug Development and Safety Testing: Where We Are and What’s Next Speaker 4: Dr. Preet Sood (,Sgrd Institute of Medical Sciences, Vallah, Amritsar) Title: Good clinical practices	<u>Symposia 24: (Advances in Mechanisms and Therapeutics for Complex Diseases)</u> Chair: Dr. Satnam Singh, Dr. Gulshan Bansal Speaker 1: Dr. Tapan Behl (Amity School of Pharmaceutical Sciences, Amity University, Punjab, Mohali) Title: Peering into the VEGF Vault: New Insights in Diabetic Retinopathy Speaker 2: Dr. Pragyanshu Khare (Birla Institute of Technology and Science, Pilani, Rajasthan, India) Title: The Hidden Power of Vasomotor Tone: A New Weapon against the Metabolic Disorders Speaker 3: Dr. Rajeev Taliyan (Neuropsychopharmacological Division , Dept. OF Pharmacy, BITS Pilani, Rajasthan, India) Title: Exploring the Neuroprotective potential of gene & epigenetic- based therapies in Parkinson"s disease	<u>Symposia 25: (Swasth Bharat- Vikasit Bharat: Contributions of Pharmacologists and Core Healthcare Principles)</u> Chair: Dr. Sukhant Garg, Dr. Suruchi Aditya Speaker 1: Dr. C.K. Krishan (Laila Nutraceuticals, Vijayawada) Title: Next-Gen Pharmacology: Shaping the Future of Viksit Bharat through Young Innovators Speaker 2: Dr. Rajbir Bhatti (Guru Nanak Dev University, Amritsar, India) Title: Assessing the Burden of Adverse Events in Medical Treatment: Insights from the Global Burden of Disease Study in India Speaker 3: Dr. Mohit Kumar Scientist, BRIC-NABI, Mohali Title: Empowering Precision Therapeutics: An Example from Sex-Specific Nutritional Studies	
06.30pm-07.30 pm	General Body Meeting of Indian Pharmacological Society 2025				
07.30 pm Onwards	GALA DINNER (Hotel Park View, Sector 24, Chandigarh)				

International Pharmacology Conference - 55 th Annual National Conference of Indian Pharmacological Society (IPC-IPSCON 2025) Day 3- 22 nd November 2025, Saturday					
	Law Auditorium (Hall 1)	Hall 2	Hall 3	Hall 4	
Day 3 08.30 am 10.00 am	<u>Oration 8: Dr SB Pandey Oration</u> Chair: Dr. Pawan Krishan, Dr. Nusrat Shafiq Speaker: Dr. Anuradha Majumdar Title: To Flex or Not to Flex: The Semaglutide Saga <u>Oration : Dr. Lalitha Kameshwaran Oration</u> Chair: Dr. Babul Kumar, Dr. Yogesh Kulkarni Speaker: Dr. Mohd. Ishaq Geer Title: Pharmacology 4.0 for Viksit Bharat @ 2047: A National Vision for Integrative, Innovative and Inclusive Pharmacology	<u>Prof. Manjeet Singh prize Session: Oral Presentations</u> <u>(Best Work in the field of molecular pharmacology)</u>	<u>Symposia 26: Advancing Healthcare Through Nanotechnology and Integrative Medicine</u> Chair: Dr. Bhupinder Bhoop, Dr. Abhay Sangamwar, Speaker 1: Dr. Subhasree Roy Choudhury (INST, Mohali) Title: Epigenetic regulation of acute myeloid leukemia and its nanotherapeutic intervention Speaker 2: Dr. Anupama Mittal (NIPER, Mohali) Title: Sustained Interleukin-1 Receptor Antagonism via Polymeric Nanocomplexes Ameliorates Hyperglycemia and Inflammation in Type 1 Diabetes Speaker3: Dr. Ginpreet Kaur (NMIMS, Mumbai) Title: Drug Repurposing Strategies for Alzheimer’s Disease: A Futuristic Approach for Viksit Bharat Speaker 4: Dr. Urmila M. Aswar (Poona College of Pharmacy, Pune) Title: From Ayurveda to Modern Science: Evaluation of A Herbomineral formulation For Hepatic Encephalopathy Using Integrated in-silico and in-vivo Techniques	<u>Oral Presentations</u> Speaker 1: Priyanka Guha NIPER, Hajipur Title: Intracellular PBMC-derived microRNAs as Novel Prognostic Biomarkers for Monitoring Anti-Tuberculosis Treatment Response Speaker 2: Riya Mittal Lady Hardinge Medical College, Delhi Title: A prospective study to evaluate the dermatological and psychological response to pharmacological therapy in patients of psoriasis and their caregivers. Speaker 3: Anupa Eldhose Christian Medical College, Vellore, India Title: The prevalence of the Catechol-o-methyltransferase rs-4680 polymorphism in Indian Subcontinent population Speaker 4: Heena Rathi NIMS University, Jaipur, India Title: Effectiveness of Prophylactic Inhaled Budesonide on Post-Operative Sore-Throat in Patients Operated Under General Anesthesia with Endotracheal Intubation Speaker 5: Tushar Matta BRIC-NABI, RCB, Mohali Title: Psychobiotic Potential of GABA-Producing Levilactobacillus brevis LAB6 Co-supplemented with Modified Kodo Millet Bran for Beneficial Modulation of the Gut–Brain Axis in PTZ-Induced Kindling	<u>Poster Session 5</u> <u>10.00 am- 01.00 pm</u> <u>Venue: Near Exhibition/ Food Court</u>
Day 3 10.00 am 11.10 am	<u>Symposia 27: (Bridging Discovery and Clinical Application in Regenerative Science)</u> Chair: Dr. Anuradha Majumdar, Dr. Manoj K. Aswar Speaker 1: Dr. Buddhadeb Dawn (Department of Internal Medicine Chief, Division of Cardiovascular Medicine, Kirk Kerkorian School of Medicine at UNLV University of Nevada, Las Vegas) Title: Advancing cell therapy to the clinic: Where are we in 2025 Speaker 2: Dr. Nusrat Shafiq (Postgraduate Institute of Medical Education and Research, Chandigarh 160012, India) Title: Bridging the valley of death in translational research- Role of capacity building for Phase I studies Speaker 3: Dr. Partha Roy (IIT, Roorkee) Title: Assessment of neural tissue regeneration by combining bioengineering approaches and bioactive compounds	<u>Online Session</u> Speaker 1: Dr. Naohiko Anzai (Department of Pharmacology, Chiba University Graduate School of Medicine, Chiba University, Japan) Title: Renal tubular urate transporters and hyperuricemia	<u>Symposia 28: Indian Pharmacopoeia Commission (IPC) -Vigilance of Medical Products</u> Chair: Dr. Jai Prakash, Dr. Bikas Medhi Speaker 1: Dr. Shashi Bhushan, IPC, Delhi Title: Pharmacovigilance Programme of India: Powering Patient Safety Across the Nation Speaker 2: Dr. Bikas Medhi, PGIMER, Chandigarh Title: Clinical Experience in Pharmacovigilance- Perspectives from Regional Training Centre under PvPI Speaker 3: Dr. Shivani Juneja, IPC, Delhi Title: Tackling medication errors with Pharmacovigilance Speaker 4: Dr. Naveen V, IPC, Delhi Title: Medical Device Adverse Event Reporting in India: Aligning Clinical Practice with National Materiovigilance Guidelines	<u>Oral presentations</u> Speaker 1: Akhil Sathyanathan Vallabhbhai Patel Chest Institute, Delhi University, Delhi Title: Impact of Comorbidities and Polypharmacy on ADRs in Elderly and Non-elderly COPD Patients — A Comparative Study Speaker 2: Arka Bhattacharya BRIC-NABI, RCB, Mohali Title: Synbiotic bacterial consortium attenuates lipid dysregulation and inflammation in MASLD via gut–liver axis modulation Speaker 3: Sheen Tukra Title: Cytoprotective potential of Artocarpus heterophyllus Lam. seed extract on environmental contaminants (Lead, Chromium and Thiamethoxam) induced renal cell cytotoxicity	<u>Poster Session 4 Evaluation:</u> <u>11.30 pm- 12.30 pm</u>
11.10 am- 11.20 am	TEA BREAK (Interaction with Eminent Pharmacologists)				

Day 3 11.20 am-12.30 pm	IPSCON -2025 QUIZ Dr. Abhijit Hazara Dr. Nitin Kothari Theme: Experimental and Clinical Pharmacology Eligibility: Registered PG and research scholars in Pharmacology	Symposia 29: (Progress and Challenges in Translational neuropharmacology) Chair: Dr.Manoj K. Aswar, Dr. Gurjeet Singh Speaker 1: Dr. Milind Parle (Association of Pharmaceutical Scientists and Educators (APSE)) Title: Yes, I am mentally retarded, but is that my fault ?? Speaker 2: Dr. Lekha Saha (PGIMER, Chandigarh) Title: Advancement and challenges in Neuropharmacology Research Speaker 3: Dr. Vivek Jain (Department of Pharmaceutical Sciences, MohanLal Sukhadia University, Udaipur, Rajasthan, India) Title: From Molecule to Memory: Evaluating Purpurin’s Neuroprotective Role in Alzheimer’s Disease	Symposia 30: (Empowering Pharmacologists for a Safer and Innovative Healthcare) Chair: Dr. Neeraj Verma, Dr. Lekha Saha Speaker 1: Sunil Verma Director – Pharmacovigilance, HAROM India Pvt. Ltd Title: Pharmacovigilance as a Catalyst for Healthcare Transformation: What the Industry Expects from Young Pharmacologist Speaker 2: Dr. Anamika Gulati Centre for Studies in Science Policy, JNU, New Delhi Title: API &KSM Self Reliance: Time to end a battle of China’s dependency for Atmanirbhar Bharat Speaker 3: Dr. Rehan Khan (Institute of Nano Science and Technology, Sector-81, Mohali-140306 Title: The Therapeutic Potential of Nanoformulations: Tiny particles but Big Impact	Oral presentations Speaker 1: Deepika Saraswat Defence Institute of Physiology and Allied Sciences, DRDO, Delhi Title: Acute and Repeated Dose toxicological evaluation of Nanocurcumin and PQQ Formulation under Good Lab Practice: Preclinical Study Speaker 2: Meenakshi Raju Government Medical College and Hospital, Chandigarh Title: Evaluating Risk of Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS) with Common Analgesics: A FAERS-Based Disproportionality Analysis Speaker 3: Karanjit Tripura BRIC-NABI, RCB, Mohali Title: Vitamin A Deficiency Induces Sex-Specific Alterations in Gut Microbiota Composition and Metabolic Function	
Day 3 12.30 pm-01:30 pm	- Students will participate in teams of three (can be from different institutions)- maximum of 20 teams - Quiz (MCQ / short answer) will be conducted in 2 rounds — Preliminary and Final (The 5 top scoring teams will qualify for the final round) - Cash Prize: (1st-12,000/-, 2nd- 9,000/- 3rd- 6000/-)	Oral Presentations Speaker 1: Willias Masocha Kuwait University, Safat, 13110, Kuwait Title: Licofelone, a dual COX/LOX inhibitor, prevents the development of paclitaxel-induced mechanical allodynia and hyperalgesia in rats Speaker 2: Dr. Sukshiti MGM Medical College, Navi Mumbai, Maharashtra, India Title: Study of Determinants of Quality of Life in patients with Ischemic Heart Disease Speaker 3: Urjita Kapadia Seth GS Medical College and KEM Hospital, Mumbai Title: Evaluation of Prescription Patterns and Self Medication Practices in Patients of Osteoporosis Attending a Tertiary Care Hospital: A Cross-sectional, Questionnaire-based Study.	Oral Presentations Speaker 1: Blessana Mary Arokyaraj Christian Medical College, Vellore, India Title: The combined relaxant effect of terbutaline and sildenafil on contraction of isolated non-pregnant human myometrium Speaker 2: Dhiyaneshwaran Sukumaran Christian Medical College, Vellore, India Title: Protective effect of Ebselen (SPI-1005) on methotrexate-induced intestinal mucositis in rats: regulation of AKT/GSK3β signalling Speaker 3: Misbah Zafar S.M.M.H Government Medical College Saharanpur, Saharanpur Title: A comparative study of carbetocin versus oxytocin in the prevention of postpartum hemorrhage following cesarean section	Oral Presentations Speaker 1: Laxmikant Purane YSPM's YTC Faculty of Pharmacy, Satara, Maharashtra, Title: Neuroimmune and Microbial Crosstalk in Estrogen Deficiency and Chronic Stress: A Mechanistic Link to Gut-Brain Axis Impairment Speaker 2: Dr Akhila Ajay Title: Assessment of Knowledge, Attitude & Practice of Nutraceuticals and Nutrivigilance among Medical Undergraduates and Postgraduates Speaker 3: Sunil Korde SKNCOP Sinhgad College of Pharmacy, Pune Title: Exploring potential of Anti-hyperglycemic benefits of BCG vaccine in Streptozotocin induced Diabetic animal models Speaker 4: Romanpreet Kaur ISF College of Pharmacy, Moga, Punjab, Neuroprotective role of Glabridin to mitigates TiO2NP induced cognitive deficit in adult zebrafish: Targeting Nrf2 and HO-1 signaling	
01.30 pm-02.30 pm	LUNCH BREAK				
02:30 pm-03.00 pm	Keynote address: Dr Nilima Kshirsagar, Emeritus Professor of the State Medical Sciences University, Maharashtra				
03.00 pm-04.00 pm	Valedictory Ceremony & Prize Distribution - IPSCON 2025, Law Auditorium, Panjab University, Chandigarh				
04.00 pm	TEA BREAK				