

**International Pharmacology Conference & 54th Annual Conference of Indian Pharmacological Society  
(IPC-IPSCON 2024),**

**Organized by**

**Department of Pharmacology, AIIMS, New Delhi**

**Pre-Conference Workshop Day 1 (26<sup>th</sup> November 2024) Tuesday**

TIME	ACTIVITY	SPEAKER	VENUE	
08.00 am – 9.00 am	<b>REGISTRATION &amp; BREAKFAST</b>			
09.00 am – 09.30 am	<b>INAUGURATION</b>			
09:30 am – 10:30 am	Ultramicroscopic & Fluorescence techniques in Research	Dr. Subhash Chandra Yadav Department of Anatomy, AIIMS, New Delhi  Dr Amit Bhattacharya Incise Infotech Pvt. Ltd, Noida	Conference Hall, 1 <sup>st</sup> Floor, Teaching Block, Near JLN Auditorium, AIIMS Delhi	
10:45 am – 11:30 am	Stereotaxy: Application in Neuropharmacology Research	Dr Devendra Singh Department of Pharmacology, AIIMS, New Delhi In association with GENTECH	Conference Hall, 1 <sup>st</sup> Floor, Teaching Block, Near JLN Auditorium, AIIMS Delhi	
11:45 am – 12:30 pm	Invasive and non-invasive techniques: Assessment of hemodynamic function in rodents	Dr. Ajay Godwin Department of Pharmacology, AIIMS, New Delhi In association with GENTECH	Conference Hall, 1 <sup>st</sup> Floor, Teaching Block, Near JLN Auditorium, AIIMS Delhi	
<b>Lunch Break (01:00 pm – 02:00 pm)</b>				
<i>Live Demonstration</i>	<i>Haemodynamic Workshop</i> Venue: 5003c, 5 <sup>th</sup> Floor, Convergence Block, Department of Pharmacology, AIIMS, New Delhi	<i>Stereotaxic Workshop</i> Venue: 5003c, 5 <sup>th</sup> Floor, Convergence Block, Department of Pharmacology, AIIMS, New Delhi	<i>Fluorescence and Electron microscopy Workshop</i> Venue: SAIF, Basement 1, Convergence Block, AIIMS, New Delhi	<i>Echocardiography Workshop</i> Venue: Set Facility, 2 <sup>nd</sup> Floor, Convergence Block, Department of Pharmacology, AIIMS, New Delhi
02:00 pm – 03:00 pm	Batch A	Batch B	Batch C	Batch D
03:00 pm – 04:00 pm	Batch B	Batch C	Batch D	Batch A
04:00 pm – 05:00 pm	Batch C	Batch D	Batch A	Batch B
05:00 pm – 06:00 pm	Batch D	Batch A	Batch B	Batch C

**Pre-Conference Workshop Day 2 (27<sup>th</sup> November 2024) Wednesday**

<b>TIME</b>	<b>ACTIVITY</b>	<b>SPEAKER</b>	<b>VENUE</b>
08:00 am – 09:00 am	Basic Fundamentals of Cell Culture Techniques	Dr. SA Raju Bagadi ICMR-Center for Cancer Pathology Safdarjung Hospital	Conference Hall, 1 <sup>st</sup> Floor, Teaching Block, Near JLN Auditorium, AIIMS Delhi
09:00 am – 9:30 am	<b>Tea &amp; Breakfast</b>		
09:30 am – 01:00 pm	Basic Fundamentals of HPLC & LC-MS	Dr. T. Velpandian Department of Ocular Pharmacology & Pharmacy AIIMS New Delhi  Dr. Hanuman Prasad Sharma CCRF AIIMS, New Delhi	Department of Ocular Pharmacology, RPC, AIIMS New Delhi
<b>Lunch Break (01:00 pm – 02:00 pm)</b>			
02:00 pm – 04:30 pm	Systematic Review & Metanalysis	Dr Sameer Malhotra Department of Pharmacology PGIMER Chandigarh  Dr Nusrat Shafiq Department of Pharmacology PGIMER Chandigarh  Dr. Ashish Kakkar Department of Pharmacology PGIMER Chandigarh	Conference Hall, 1 <sup>st</sup> Floor, Teaching Block, Near JLN Auditorium, AIIMS Delhi
04:30 pm – 05:30 pm	Application of Nanomedicine in the Drug Development	Dr Rahul K. Verma, Scientist 'E' Institute of Nanoscience and Technology, Mohali	Conference Hall, 1 <sup>st</sup> Floor, Teaching Block, Near JLN Auditorium, AIIMS Delhi
<b>Valedictory Ceremony &amp; Concluding remarks (5.30 pm onwards)</b>			

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**SCIENTIFIC PROGRAM BOOK**

**DAY 1 - THURSDAY, 28 NOV 2024**

Time	VENUE				
	JLN AUDITORIUM	CONFERENCE HALL	DR RAMALINGAMSWAMI BOARD ROOM	SET STUDIO I	CMET - 1 TECHNOLOGY HALL
7.00 AM - 9.00 AM	REGISTRATION (AT JLN AUDITORIUM) (BREAKFAST AT SWIMMING POOL LAWN)				
9.00-9.30 AM	<p><b>P.L. Sharma</b> Oration Speaker - Dr N. S Dhalla <i>St. Boniface Hospital Albrechtsen Research Centre, Winnipeg, Canada</i> <b>Title - Potential Therapy for the prevention of sudden Cardiac Death in Heart Failure</b></p> <p>Chairpersons - Dr. P.L. Sharma, Dr. Shiv Prakash, Dr. S. K. Maulik</p>				
9.30-10.00 AM	<p><b>Dr. S.C. Lahiri</b> Oration Speaker - Dr Rajesh. K. Goel <i>Department of Pharmaceutical Sciences and Drug Research Punjabi University, Patiala, Punjab, India</i> <b>Title - Trials, Errors and Triumph: My Experiments with Pharmacology.</b></p> <p>Chairpersons - Dr C K Katiyar, Dr C S Gautam, Dr Bhagirath Patel</p>	<p>Symposia 1 - Transforming Clinical Research: Emerging Approaches and Data-Driven Insights for Better Health Outcomes (9.30am-10.30am)</p> <p>Chairpersons - Dr H S Rehan, Dr. S P Dhaneria, Dr Arunabha Ray,</p> <p>Speaker 1 - Dr. Samir Malhotra Dept of Pharmacology PGIMER, Chandigarh <b>Title - Should there be a concept of superiority margin in clinical trials?</b></p> <p>Speaker 2- Dr Ashok Shenoy K Department of Pharmacology,</p>	<p>Symposia 2 - Advancement in Cancer Therapy and Research: Molecular Aspects (9.30am - 11.30am)</p> <p>Chairperson -Dr. N R Biswas, Dr. Sharda Shah Peshin, Dr. Trupti Rekha Swain,</p> <p>Speaker 1 - Dr. Partha Roy Department of Biosciences and Bioengineering, Indian Institute of Technology, Roorkee <b>Title - Natural product inspired drug development that targets multiple pathways for regulating breast cancer and associated problems</b></p> <p>Speaker 2 - Dr. Nidhi</p>	<p>Symposia 3 - "Innovations in Nanotechnology: Bridging the Gap Between Therapeutic Efficacy and Precision Medicine" (9.30am-11.30am)</p> <p>Chairperson - Dr Krishna, Dr Subhash Chandra Yadav, Dr Shubhadeep Sinha</p> <p>Speaker 1 - Dr. Amit K Goyal Central University, Rajasthan <b>Title - Transforming Therapeutics: Emerging Trends in Nanopharmaceuticals</b></p>	<p>G Achari Prize- 10 AM - 11 AM</p>
10.00 - 10.30 AM	<p><b>Prof. G. Achari</b> Oration Speaker - Dr. Shiladitya Sengupta <i>Harvard Medical School</i></p>				

	<p><b>Title - The Path less taken.</b></p> <p>Chairpersons -, Dr. Susanta K Bandyopadhyay, Dr Birender K Roy, Dr B Dinesh Kumar</p>	<p>Manipal Academy of Higher Education, Manipal</p> <p><b>Title - Post-Trial Access (PTA)</b></p> <p>Speaker 3 - Dr Atul Batra IRCH, AIIMS, New Delhi, <b>Title- Newer pharmacotherapies in breast cancer treatment.</b></p>	<p>Department of Translational and Clinical Research School of Chemical and Life Sciences Jamia Hamdard</p> <p><b>Title - Cancer Chemotherapy and Neurobehaviour: Emphasis on Cognitive Impairment and Quality of Life.</b></p> <p>Speaker 3 - Dr. Jayesh Mudgal</p>	<p>Speaker 2 - Dr. Mohd Mohsin Dept of Biosciences Jamia Milia Islamia, Delhi</p> <p><b>Title - Versatile genetically encoded FRET-based Nano sensor for real time monitoring of A549 exosomes: early diagnosis of cancer</b></p>	
10.40 AM - 11.30 AM	<p><b>Distinguished Lecture Series I -</b></p> <p>"Recent therapeutic Advances in Cardiovascular Disorders: Signalling Cascades" (10.40am - 1.00 pm)</p> <p><b>Chairpersons - Dr N.S. Dhalla, Dr Dr Rajeev Narang, Dr Ramesh K Goyal</b></p> <p>Speaker 1- Dr. Devendra K. Aggarwal Department of Translational Research College of Osteopathic Medicine Pacific, Western University of Health Sciences, USA</p> <p><b>Title - Novel therapeutic strategies to induce maturation of arterio-venous fistula.</b></p> <p>Speaker 2 - Dr. Milos P Stojiljkovic Department of Pharmacology, University of Banja Luka, Bosnia and Herzegovina</p>	<p><b>Symposia 4 - "Molecular Mechanisms and Therapeutic Advances in Diabetes Mellitus &amp; its complications"</b> (10.40 am - 1.30pm)</p> <p><b>Chairperson - Dr. Shalini Chawla, Dr Rajeev Taliyan, Dr Yashdeep Gupta,</b></p> <p>Speaker 1 - Dr. Rajni Mathur Dept of Pharmacology DPSRU, Delhi</p> <p><b>Title - Exposure to mobile phone radiations and fructose ingestion by adolescent rats affects the hypothalamic and hepatic mechanisms of Glucoregulation</b></p> <p>Speaker 2 - Dr. Mukesh Nandave DPSRU, New Delhi</p> <p><b>Title - Regenerating Beta Cells: Small Molecule Approaches to Combat Diabetes</b></p> <p>Speaker 3 - Dr. Ipseeta Ray Mohanty MGM Medical College and Hospital, Mumbai</p> <p><b>Title - Study of Pharmacogenetic and related factors</b></p>	<p>Manipal College of Pharmaceutical Sciences, Manipal</p> <p><b>Title - Preclinical Synergistic Effect of Lenvatinib with Sirtuin Modulators in Murine Model of Triple Negative Breast Cancer</b></p> <p>Speaker 4 - Dr. Vijay Kumar Singh Central University of South Bihar, Bihar</p> <p><b>Title - Allele-Specific Expression in metastatic Non-Small Cell Lung Cancer</b></p>	<p>Speaker 3 - Dr. Saba Naqvi Dept of Pharmacology NIPER, Raebareli</p> <p><b>Title - Perspectives and recent advancement in Nanotherapeutics</b></p> <p>Speaker 4 - Dr. Aniruddha Roy BITS, Pilani</p> <p><b>Title - Tumor-Responsive Nanomedicine: A Synergistic Strategy Targeting Cancer and Its Microenvironment</b></p> <p>Speaker 5 - Dr. Rahul Shukla NIPER Raebareli</p> <p><b>Title - "Transforming Neurological Therapies with Engineered Nanocrystals: Revolutionizing the drug delivery"</b></p>	
11.30A M -1.00 PM			<p><b>Symposia 5 - Computational approaches for NextGen Advancement in Pharmacology</b> (11.30 am - 1.00pm)</p> <p>Chairpersons - Dr Anil Kumar, Dr Rahul Deshmukh, Dr Abul Kalam Najmi</p> <p>Speaker 1- Dr. Vipan Kumar Parihar NIPER, Hajipur</p>	<p><b>Symposia 6 - " Research and Education: Navigating into Metrics Impact &amp; Ethics "</b> (11.30 am - 1.00pm)</p> <p>Chairpersons - Dr Janardan Sharma, Dr C D Tripathi, Dr Payodhi Dhar</p> <p>Speaker 1- Dr. Deepti Chopra</p>	<p>OD Gulati Prize 11.30 AM - 1.00 PM</p>

	<p><b>Title – Pyridostigmine alleviates signs of isoprenaline-induced heart failure in rats</b></p> <p>Speaker 3 - Dr. Istvan Baczko Department of Pharmacology and Pharmacotherapy, University of Szeged Albert Szent-Gyorgyi Medical School, Hungary</p> <p><b>Title - Antiarrhythmic and cardiac electrophysiological effects of a novel amiodarone-like mexiletine analogue.</b></p> <p>Speaker 4 - Dr. Suresh C. Tyagi Department of Physiology University of Louisville School of Medicine, Louisville, USA</p> <p><b>Title - Epigenetic 1 carbon metabolic remodelling, homocystinuria and HFpEF</b></p> <p>Speaker 5- Dr. Shreesh Ojha Department of Pharmacology &amp; Therapeutics, College of Medicine, UAE University</p> <p><b>Title - Cannabinoids in Cardiovascular and neurodegenerative diseases</b></p> <p>Speaker 6 - Dr. Mohammad Zahid Ashraf Department of Biotechnology,</p>	<p><b>affecting glycaemic control in patients of Type 2 Diabetes Mellitus.</b></p> <p>Speaker 4 - Dr. Manju Sharma Jamia Hamdard, Delhi</p> <p><b>Title - Diabetes Prevalence and its impact on bone health: Evidence from preclinical and Clinical studies</b></p> <p>Speaker 5 - Dr. Anuradha Majumdar Department of Pharmacology, Bombay College of Pharmacy</p> <p><b>Title – Vitamin K2MK7 in Combating ER Stress Associated with Diabetic Neuropathy.</b></p> <p>Speaker 6 - Dr. Ashutosh Kumar NIPER, Mohali</p> <p><b>Title – Mitochondrial dysfunction and Neurons: Mechanisms and Targets in Diabetic Neuropathic Pain</b></p> <p>Speaker 7 - Dr. Abhinav Kanwal Department of Pharmacology All India Institute of Medical Sciences, Bathinda</p> <p><b>Title - Regulation of HDAC III Deacetylase Sirtuins in Diabetic Cardiomyopathy</b></p> <p>Speaker 8 - Dr. Vishal R Tandon Department of Pharmacology, Govt. Medical College, Jammu</p> <p><b>Title - SGLT2 Inhibitors - Paradigm shift in management of T2DM</b></p>	<p><b>Title - Transcriptome and proteome profiling of the diabetic brain identify mRNA and their corresponding proteins encoding mitochondrial energetics, neurodegeneration and accelerated brain aging</b></p> <p>Speaker 2- Dr. Shailendra Asthana Translational Health Science and Technology Institute, Haryana</p> <p><b>Title - A non-canonical multifaceted computational approach to elucidate the structural determinants for designing small molecule modulators from challenging PPI interfaces</b></p> <p>Speaker 3- Dr. Ramasamy Raveendran MGMARI, MGMC&amp;RI Pondicherry, India</p> <p><b>Title - How to use CAL effectively?</b></p>	<p>Dept of Pharmacology AIIMS Bilaspur H.P</p> <p><b>Title - Innovative teaching learning methods</b></p> <p>Speaker 2 - Dr. Divya Vohra Dept of Pharmacology Jamia Hamdard, Delhi</p> <p><b>Title - Metrics Metrics Metrics: Do Metrics Really Matter?</b></p> <p>Speaker 3 - Dr. Nilanjan Saha CTCR, Jamia Hamdard, Delhi</p> <p><b>Title - Pharmacometrics - the Present and the Future</b></p>	
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	Jamia Millia Islamia, Delhi <b>Title - MicroRNA-145: A Promising Target in Managing Venous Thromboembolism</b>				
<b>LUNCH: FROM 12.00 PM – 2.30 PM AT SWIMMING POOL LAWN</b>					
2.00 - 2.30 PM	Special Talks Series I (2.00pm – 4.00pm)	<b>Symposia 7 - "Innovative Therapeutics in Alzheimer/Dementia: Unravelling Molecular Mechanisms and Novel Pharmacological Targets" (2.00pm – 4.00pm)</b>	<b>Symposia 8- "Harnessing Artificial Intelligence for Advance Clinical Research and Pharmacovigilance" (2.00pm – 3.00pm)</b>	<b>DMC Session (15 min)</b> <b>NAMS Session (15 min)</b>	<b>Gufic Prize – 2.00 PM – 3.30 PM</b>
2.30 – 3.15 PM	Chairpersons –Dr P V Diwan, Dr H S Siddique, Dr Raj Kumar  Special Talk 1 Dr. Michael Spedding, EX-Secretary General IUPHAR. <b>Title - The importance of metabolomics for motor neuron disease, sport, ageing, and human evolution</b>  Special Talk 2 Dr. Harpal S. Buttar Reproduction and Urology Division, Therapeutic Products, Directorate, Health Canada <b>Title - Therapeutic applications of human and bovine colostrum: underlying mechanisms of action</b>  Special Talk 3 Speaker - Dr. Shiladitya Sengupta Brigham and Women's Hospital and Harvard Medical School, Harvard <b>Title – 'What really matters in building a career</b>	Chairperson - Dr Kamal Kishore, Dr. Addepalli Veeranjaneyulu, Dr Sudhir Chandna  Speaker 1- Dr Nirmal Singh Department of Pharmaceutical Sciences & Drug Research, Punjabi University, Patiala <b>Title - Phosphodiesterases as Promising Therapeutic Target in Dementia</b>  Speaker 2- Dr. Rajeev Taliyan "Department of Pharmacy BITS PILANI, Rajasthan <b>Title - Repurposing of Repaglinide to Treat Neurodegenerative Disorders Linked with Insulin</b>  Speaker 3 - Dr. Ginpreet Kaur NMIMS Mumbai <b>Title –Repurposing of Drugs for Alzheimer's</b>  Speaker 4 - Dr. K Sreedhara Ranganath Pai	Chairperson – Dr S K Tripathi, Dr B Dinesh Kumar, Dr B Kalakumar  Speaker 1 – Dr. Prafull Mohan Dept of Pharmacology, AFMC, Pune <b>Title - Application of AI in Furthering the Cause of Pharmacovigilance</b>  Speaker 2 – Dr. Urmila M. Aswar Dept of Pharmacology Bharati Vidyapeeth University, Pune <b>Title – Leveraging network pharmacology, molecular docking, and artificial intelligence to discover novel multitarget antidepressants</b>  Speaker 3 – Dr P. Guruprasad Founder & CEO, Sangnan AI <b>Title – Generative AI in Pharmaceutical R&amp;D</b>  Symposia 10- "Navigating Pharmacotherapeutics: Integrating Gut & Microbiome Dynamics " (3.05 pm – 4.00pm)	<b>Symposia 9- "Real World Evidence – A Clinical and Regulatory Perspective" (2.30pm – 4.00pm)</b>  Chairpersons - Dr Balbhadra Das, Dr H S Rehaan, Dr Geeta Agarwal  Speaker 1 – Dr Smita Pattanaik Post Graduate Institute of Medical Education and Research, Chandigarh <b>Title - Real World Evidence: A Scientific, Academic and Consumer Perspective</b>  Speaker 2 –Dr Santosh Taur Pfizer pharma <b>Title – Understanding the Real-World Data and Real-World Evidence: The Current Regulatory Scenario</b>  Speaker 3 - Dr Ranjan Gupta, AIIMS, New Delhi <b>Title - Real World Evidence for use of Drugs in Rheumatology and Clinical Immunology Practice: A Clinicians Perspective</b>	
3.15 PM – 3.50 PM					

	<p><b>Special Talk 4</b> Dr T. Velpandian Department of Ocular Pharmacology, AIIMS, New Delhi <b>Title - Drug Transporters in Ocular Barriers – Effect on Ocular Pharmacokinetics</b></p> <p><b>Special Talk 5</b> Dr R K Yadav Department of Nephrology, AIIMS, New Delhi <b>Title – The role of therapeutic drug monitoring and Genetic polymorphism in renal transplant</b></p>	<p>Department of Pharmacology, Manipal College of Pharmaceutical Sciences, Manipal <b>Title – Repurposing of Voglibose for Alzheimer's disease through Wnt signalling modulation-An in silico and in vivo study</b></p> <p>Speaker 5 - Dr. Rohit Goyal Shoolini University, Solan <b>Title – Orchestration of the Circadian clock and association with Alzheimer's disease: Neuromodulation imposed by Serotonin, Glutamate and Endocannabinoid signalling'</b></p> <p>Speaker 6 – Dr Vivek Jain Department of Pharmaceutical Sciences, MLSU, Udaipur <b>Title - Unveiling the Potential of Origanum Vulgare Phytochemicals in Alzheimer's Disease Therapy: A Network Pharmacological Insight</b></p>	<p>Chairperson –, Dr Randhir Dahiya, Dr Ratandhir Prakash</p> <p>Speaker 1 - Dr. Sandeep Kaushal Department of Pharmacology, Dayanand Medical College &amp; Hospital, Ludhiana <b>Title - Microbiome Pharmacology</b></p> <p>Speaker 2 - Dr. Rahul Deshmukh Central University Punjab, Bathinda <b>Title - Targeting Endocannabinoid Signalling in Metabolic Dysfunction: Insights into Gut Brain Axis Modulation and Therapeutic Potential</b></p> <p>Speaker 3- Dr. Ashish Kakkar Dept Of Pharmacology PGIMER, Chandigarh <b>Title - Pharmacomicrobiomics: A novel approach towards personalized therapy of neurological disorders</b></p>	<p>Speaker 4 - Dr Arun Kumar Department of Nephrology, AIIMS, New Delhi <b>Title - Real World Evidence for use of Drugs in Renal Transplantation: A Clinicians Perspective</b></p>	
4.00-6.00 PM	INAUGURAL CEREMONY				
6.00-7.30 PM	AIIMS ALUMNI MEET				

**DINNER: FROM 6.30 PM TO 9.30 PM AT SWIMMING POOL LAWN**

**DAY 2 – FRIDAY, 29 NOV 2024**

**VENUE**

<b>TIME</b>	<b>VENUE</b>			
	<b>JLN AUDITORIUM</b>	<b>DR. RAMALINGAMSWAMI BOARD ROOM</b>	<b>SET STUDIO-1</b>	<b>CMET – 1 TECHNOLOGY HALL</b>
7.00 AM - 9.00 AM	<b>BREAKFAST AT SWIMMING POOL LAWN</b>			

9.00-9.30AM	<p><b>Prof. N. S. Dhalla Oration</b>  <i>Speaker - Dr. Mukesh Nandave</i>  <i>Delhi Pharmaceutical Sciences and Research University, New Delhi.</i></p> <p><i>Title - Exploring Multimodal Cardioprotection: My Journey in Cardiovascular Research</i></p> <p>Chairpersons – Dr. P.V. Diwan, Dr. Suresh C Tyagi, Dr Vladimir Jakovljevic</p>			
9.30 - 10.00 AM	<p><b>CDRI Oration</b>  <i>Speaker - Dr. Shambo Samrat Samajdar</i>  <i>JMN Medical College &amp; Hospital, Nadia, West Bengal</i>  <b>Title - "De-prescribing Practice for Improving Patient Care"</b></p> <p>Chairpersons – Dr Satish Chandra, Dr Umashankar Prasad Keshri, Dr B Kalakumar</p>	<p><b>Symposia 11 - "Enhancing Pharmacotherapy and Safety: Insights from Community Pharmacology in India"</b>  (9.30Am – 11.00pm)</p> <p>Chairperson - Dr A K Singh, Dr Veena Verma, Dr Neeraj Parakh</p> <p>Speaker 1- Dr. Vijay Motghare  SRTR Medical College, Nagpur  <b>Title - Pharmacoepidemiology</b></p> <p>Speaker 2 – Dr S. P. Dhaneria  R.D. GARDI MEDICAL COLLEGE  <b>Title - "Tuberculosis: challenges ahead"</b></p> <p>Speaker 3 - Dr. Tirthankar Deb  Dept of Pharmacology, AIIMS, Kalyani  <b>Title - Community Pharmacology: A novel approach to affordable, safe and effective pharmacotherapy for India's primary health care</b></p> <p>Speaker 4 - Dr. Jai Prakash  National Coordination Centre for PvPI  <b>Title - Pharmacovigilance Programme of India -</b></p>	<p><b>Symposia 12- "NextGen Advancement in Neurotherapeutics: Unravelling the Interplay Between signalling Cascades"</b>  (9.30Am – 12.30pm)</p> <p>Chairperson - Dr Trupti Rekha Swain, Dr Ambuj Roy, Dr Rohit Goyal</p> <p>Speaker 1 - Dr. Shyam S. Sharma  Dept of Pharmacology &amp; Toxicology  NIPER, Mohali  <b>Title - TRPC5 channels as a Pharmacological Target for the Treatment of CNS Disorders: Current Perspective</b></p> <p>Speaker 2 - Dr. Rajesh Kumar Goel  Dept of Pharmaceutical Sciences and Drug Research  Punjabi University, Patiala  <b>Title - Development and validation of an animal model for drug-refractory Epilepsy using in silico and in vivo approaches</b></p> <p>Speaker 3 - Dr. Rishi Pal KGMC, Lucknow  <b>Title - Role of RIP-1 kinase and its interaction with docosahexaenoic acid in</b></p>	<p><b>Prof Manjeet Singh Prize</b>  10.00 AM – 11.00 AM</p>
10.00 – 10:30 AM	<p><b>Prof. B. N. Ghosh Oration</b>  <i>Speaker - Dr. Ashok K. Datusalia</i>  <i>Department of Pharmacology and Toxicology</i>  <i>NIPER-Raebareli</i>  <b>Title - "Pharmacological Strategies to Enhance Stress Resilience"</b>  Chairperson – Dr Padam Singh, Dr. Pawan Krishan, Dr Suresh C Tyagi</p>			
10:30-11.00 AM	<p><b>Distinguished Lecture Series II - "Emerging Therapeutic Advances in Cardiovascular Diseases"</b>  (10.30Am – 1.00pm)</p>			
11.00-11.30 AM	<p><b>Chairperson –Dr Ramesh K Goyal, , Dr Sandeep Seth, Dr Nirmal Singh</b></p> <p>Speaker 1 - Dr. Vladimir Jakovljevic  Faculty of Medical Sciences  University of Kragujevac, Serbia</p>			<p><b>U K Seth Prize – 11.30 AM – 12.30 PM</b></p>



<p>12.00 PM – 1.00 PM</p>	<p><b>Title – Effects of chronic coadministration of empagliflozin and sacubitril/valsartan in experimental model of heart failure</b></p> <p>Speaker 2 - Dr. Sanjiv Dhingra Max Rady College of Medicine Physiology and Pathophysiology, University of Manitoba, St. Boniface Hospital Research Centre, Winnipeg, Manitoba, Canada <b>Title – Cardiac stem cell therapy: do benefits outnumber risks</b></p> <p>Speaker 3 - Dr. Rakesh C. Kukreja Eric Lipman Professor of Cardiology Virginia Commonwealth University School of Medicine, Richmond Virginia <b>Title – Role of cGMP Signaling in Cardio protection and Cancer</b></p> <p>Speaker 4 - Dr. Varro Andras Department of Pharmacology, University of Szeged, Hungary <b>Title – Effect of a selective IKur inhibitor XEN-D0103 on dog cardiac ventricular and Purkinje fiber.</b></p> <p>Speaker 5 – Dr H S Rehaan Lady Hardinge Medical College, New Delhi <b>Title - "Why dyslipidemia among Indians must be treated differently than the Western population?"</b></p>	<p><b>Achievements and challenges</b></p> <p><b>Panel discussion 1: Drug Use in Special Population</b></p> <p>11.10 AM – 12.10 PM</p> <p>Coordinator – Dr. S. P. Dhaneria, Dr Vijay Motghare, Dr Nitin Gaikwad, Dr Arvind Kumar, Dr Narendra Bagri, Dr Vijay Kumar, Dr Anubhuti Rana, Dr Danveer Bhadu</p> <p>Special Talk 12.30pm -1.00pm Speaker - Dr. Shubhadeep Sinha, Hetero Labs <b>Title – Consideration for Clinical Trials, Regulatory and Pharmacovigilance aspects of Biosimilars.</b></p>	<p><b>modulation of MPTP-induced changes in experimental model of Parkinson disease</b></p> <p>Speaker 4 - Dr. Ashok Kumar Datusalia, Department of Pharmacology &amp; Toxicology, NIPER, Raebareli <b>Title - Managing traumatic memory and homeostatic plasticity deficits through NMDA receptor modulation</b></p> <p>Speaker 5 - Dr. Hemant Kumar Dept of Pharmacology NIPER, Ahmedabad <b>Title - Restoring Nerve Health: Specialized Pro-Resolving Mediators as Therapeutic Agents in Demyelination Recovery.</b></p> <p>Speaker 6 - Dr. Manoj Dandekar NIPER Hyderabad <b>Title – Management of depression by butyrate-producing gut bacteria via reshaping the gut-brain axis.</b></p> <p>Speaker 7- Dr. Jeetendra Yadav AcSIR, Faculty of Medical Research, Technical Officer (C), ICMR-National Institute for Research in, Digital Health and Data Science <b>Title- Financial Burden of Late-Life Depression on Household in India</b></p>	
<p>1.00-2.00 PM</p>	<p><b>LUNCH: FROM 12.00 PM TO 2.30 PM AT SWIMMING POOL LAWN</b></p>			
<p>2.00 PM – 2.45 PM</p>	<p><b>Symposia 13 - "Recent Therapeutic Advancement in Immunopharmacology: Targeting Asthma" (2.00pm – 2,45 pm)</b></p>	<p><b>Symposia 14 - " Current Innovative Strategies to Counter Antimicrobial Resistance "</b></p>	<p><b>Symposia 15 - From Bench to Bedside: New Horizons in Preclinical &amp; Clinical Research</b></p>	

	<p><b>Chairpersons – Dr Shivprakash, Dr. Harlokesh Narayan Yadav, Dr Devendra K Aggarwal</b></p> <p><b>Speaker 1 - Francesca Levi-Schaffer</b> President, IUPHAR <b>Title - Novel immunopharmacological drugs for the treatment of allergic diseases: where are we?</b></p> <p><b>Speaker 2 - Dr. Lalit Gupta</b> Dept of Pharmacology LHMC, Delhi <b>Title - Effect of corticosteroids on apoptosis and serum and eosinophilic inflammatory markers in asthma</b></p>	<p><b>Chairpersons – Dr Sangeeta Sharma, Dr. Abijeet Hazra, Dr Rima Dada (2.00pm – 3.50 pm)</b></p> <p><b>Speaker 1- Dr. Nitin Kothari</b> Department of Pharmacology, Government Medical College, Dungarpur, Rajasthan <b>Title - Antimicrobial Resistance- National Action Plan- an initiative by National Medical Commission</b></p> <p><b>Speaker 2 - Dr. Nusrat Shafiq</b> Dept of Pharmacology, PGIMER, Chandigarh <b>Title - Antimicrobial stewardship and clinical pharmacology- a symbiotic association</b></p>	<p><b>(2.00pm – 4.30pm)</b></p> <p><b>Chairpersons – Dr Sneha Ambwani, Dr Kamal Kishore, Dr Sanjula Babuta</b></p> <p><b>Speaker 1 – Dr. Lokendra Sharma</b> Department of Pharmacology, RUHS CMS, Jaipur <b>Title – The effect of acupuncture application on chemotherapy-induced nausea, vomiting, and anxiety in patients with breast cancer</b></p> <p><b>Speaker 2 - Dr Tulika Seth</b> Department of Hematology, AIIMS, New Delhi <b>Title - Drug Development Chronicle of Iptacopan in management of PNH</b></p>	
<p><b>2.50 pm – 4.15 pm</b></p>	<p><b>Special Session – Newer Innovations on Cancer Research (2.50pm – 4.15 pm)</b></p> <p><b>Chairpersons – Dr Shivprakash, Dr. Harlokesh Narayan Yadav, Dr Devendra K Aggarwal</b></p> <p><b>Speaker 1 – Dr Akhil Kumar</b> Dr Reddy's Research Foundation <b>Title - Small Molecules can make Big Waves in Cancer Immunology</b></p> <p><b>Speaker 2 -Dr. Dulal Panda</b> NIPER, Mohali <b>Title - Microtubule-targeted anticancer drugs: challenges and opportunities ahead</b></p> <p><b>Speaker 3 - Dr. Ajay Gogia</b> IRCH AIIMS, New Delhi <b>Title Antibody drug conjugates in breast cancer</b></p>	<p><b>Speaker 3 - Dr. Nitin Gaikwad</b> Department of Pharmacology, AIIMS RAIPUR <b>Title – Role of Pharmacovigilance in Antimicrobial Stewardship</b></p> <p><b>Speaker 4 - Dr. Sameer Dhingra,</b> Department of Pharmacy Practice, NIPER Hajipur, Bihar <b>Title - Combating Antimicrobial Resistance in Cancer Care: Recent Findings and Future Directions</b></p> <p><b>Speaker 5 - Dr. Gagandeep Kwatra</b> Dept of Pharmacology AIIMS, Bhatinda <b>Title - Artificial Intelligence in the Battle Against Antimicrobial Resistance</b></p>	<p><b>Speaker 3 - Dr. Sujata Mohanty</b> "Stem Cell Facility, DBT-Centre of Excellence for Stem Cell Research, AIIMS, New Delhi" <b>Title - A New Era in Healing: The Transformative Potential of Regenerative Medicine</b></p> <p><b>Speaker 4 - Dr. Mintu Pal</b> AIIMS Bathinda <b>Title - Selective deletion of PPAR<math>\beta</math>/<math>\delta</math> in fibroblasts causes dermal fibrosis by attenuated LRG1 expression</b></p> <p><b>Speaker 5- Dr Mukul Agarwal</b> Department of Hematology, AIIMS, New Delhi <b>Title - The Complex Interplay of copper &amp; ferritin Levels, and the impact of iron supplementation</b></p>	
<p><b>4.20 PM- 6.00 PM</b></p>	<p><b>Distinguished Lecture Series III – "Translational Advances in Neuro-Pharmacotherapy "</b></p>			

	<p>(4.20pm – 5.30pm)</p> <p><b>Chairperson - Dr S K Maulik, Dr Shyam S Sharma, Dr Chetna Desai</b></p> <p><b>Speaker 1 - Dr. Anil Gulati</b> Pharmazz, Inc. Willowbrook, Illinois, USA <b>Title - Successful development of a pharmacological concept to treat cerebral stroke patients</b></p> <p><b>Speaker 2 - Dr Vinay Parikh</b> Department of Psychology and Neuroscience Director, College of Liberal Arts Neuroscience Program Temple University, Philadelphia, USA <b>Title - Advancing Cognition Therapies for Age-related Neurodegenerative Disorders: A Cognitive Reserve Perspective</b></p> <p><b>Speaker 3 - Dr Ramagopal Mudumbi</b> Clinical Research and Development Consultant, Easton, Pennsylvania <b>Title -Role of Glucose Metabolism in Alzheimer's Disease.</b></p>	<p><b>Symposia 16 - "Challenges in Rational Use of Essential Medicines: An Indian Perspective"</b> (4.00pm – 5.30pm)</p> <p><b>Chairperson – Dr. Babul Kumar Bezbaruah, Dr. Pawan Krishan, Dr Ratandhir Prakash</b></p> <p><b>Speaker 1 - Dr. Vandana Roy</b> Maulana Azad Medical College &amp; Associated Hospitals, Delhi <b>Title - Availability of Essential Medicines &amp; their Rational Use: Is it achievable?</b></p> <p><b>Speaker 2 - Dr. Debasish Hota,</b> AIIMS BHUBANESWAR <b>Title - Menace of Fixed dose combination: Indian Perspective</b></p> <p><b>Speaker 3- Dr. Radhika Soanker</b> Dept of Pharmacology, AIIMS, Hyderabad <b>Title - Rational Prescribing Skills - An Art of Prescribing</b></p> <p><b>Speaker 4 - Dr. Bikash Ranjan Meher,</b> Dept. of Pharmacology, AIIMS, Bhubaneswar <b>Title - Access to essential medicines in aspirational districts of Odisha; a multi-site cross sectional study</b></p>	<p><b>Speaker 6 - Dr. Rahul K Verma</b> Institute of Nano Science and Technology, Mohali <b>Title - Inhalation and Nasal Particulate Drug delivery for Tuberculosis.</b></p> <p><b>Speaker 7 – Dr Rishi Dhawan</b> Clinical Hematology, All India Institute of Medical Sciences, New Delhi <b>Title - Iron Deficiency Anemia</b></p> <p><b>Speaker 8 – Dr. Ritesh Kumar</b> "Department of Pharmacology, AIIMS Jammu" <b>Title - "Significance and Role of Experimental Animals in Pharmacological Research"</b></p> <p><b>Speaker 4- Dr. Syed Shariq</b> Dept of Pharmacology Aligarh Muslim University, U.P. <b>Title - Microplastics: Emerging Challenge for Pharmacology</b></p>	
6.00-7.00 PM	IPS GBM			
7.00 - 10.00 PM	<b>DINNER: 6.30 PM TO 10.30 PM AT SWIMMING POOL LAWN</b>			
<b>DAY 3 – SATURDAY 30 NOV 2024</b>				
<b>TIME</b>	<b>VENUE</b>			
	<b>JLN AUDITORIUM</b>	<b>CONFERENCE HALL</b>	<b>DR RAMALINGAMSWAMI BOARD ROOM</b>	<b>SET STUDIO -1</b>
7.00-9.00 AM	<b>BREAKFAST AT SWIMMING POOL LAWN</b>			

<p>9.00-9.30 AM</p>	<p><b>Col Ram Nath Chopra Oration</b></p> <p>Speaker - Dr. Chandraiah Godugu Department of Biological Sciences (Regulatory Toxicology) National Institute of Pharmaceutical Education and Research, Hyderabad, Telangana</p> <p><b>Title - The Pharmacology of Nimbolide</b></p> <p>Chairperson - Dr Y K Gupta, Dr Shiv Prakash, Dr Lalit Gupta,</p>			
<p>9.30 - 10.00 AM</p>	<p><b>Dr. S. B. Pandey Oration</b> Speaker - Dr Syed Ziaur Rahman Department of Pharmacology, Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh</p> <p><b>Title - Exploring medicinal plants for morphine de-addiction</b></p> <p>Chairperson - Dr Janardan Sharma, Dr Lalit Mohan, Dr T K Mandal</p>	<p>Special Talk Session III</p> <p>Chairpersons - Dr Ashok K Dubey, Dr. K Sreedhara Ranganath Pai, Dr Jyoti Yadav</p> <p>Special Talk 1 Speaker - Dr. Yow Yow Yen School of Medical and Life Sciences Sunway University, Malaysia</p> <p><b>Title - Algae Innovations: Unlocking Sustainable Solutions for Pharmaceutical and Medical Care</b></p> <p>Special Talk 2 Speaker - Dr Arun Kumar Department of Nephrology, AIIMS, New Delhi</p> <p><b>Title - Iptacopan in Renal Disorders</b></p>	<p><b>Symposia 17- "Integrating AYUSH in Modern Healthcare: Evidence, Innovation, and Global Impact"</b> (9.30am - 12.00pm)</p> <p>Chairperson - Dr Yogesh Kulkarni, Dr. Rachana Gupta, Dr Rohit Goyal</p> <p>Speaker 1 - Dr S.B. Sharma, University College of Medical Sciences, University of Delhi</p> <p><b>Title - Phytochemicals: In the discovery &amp; development of Novel anti-diabetic therapeutics</b></p> <p>Speaker 2 - Dr. Awanish Mishra NIPER, Guwahati</p> <p><b>Title - Flavonoids as NLRP3 Inhibitors: A Novel Approach for Parkinson's Disease Management</b></p> <p>Speaker 3 -Dr. K.L. Krishna Department of Pharmacology JSS Mysuru</p> <p><b>Title - Memory impairment associated with epilepsy and its treatment; Untangling the advantages of herbal remedies, an emphasis on synergism</b></p>	<p><b>Symposia 20- "Career/ Academia/ Industry: Emerging Opportunities in Pharmacology"</b> (9.30am - 12.00 PM)</p> <p>Chairperson - Dr T Velpandian, Dr Gulshan Bansal, Dr Pramod Yadav</p> <p>Speaker 1 - Dr. Balbhadra Das BP Koirala Institute of Health Sciences</p> <p><b>Title - The current scenario of Pharmacologist in Nepal and the need for future</b></p> <p>Speaker 2 - Dr Chetna Desai Department of Pharmacology B. J. Medical College, Ahmedabad</p> <p><b>Title - "The Pharmacology Revolution: Aligning Education with NMC's Guidelines</b></p>
<p>10.00 - 10.30 AM</p>	<p><b>Lalita Kameshwaran Oration</b></p> <p>Speaker - Dr. Anil Kumar Department of Pharmacology, UIPS, Panjab University, Chandigarh</p> <p><b>Title - Neuroprotective approaches to Alzheimer disease: Laboratory evidences, challenges and future directions</b></p> <p>Chairperson - Dr P V Diwan, Dr Sameer Goyal, Dr. Dheeraj Shah</p>			
<p>10.30 - 12.00 PM</p>	<p><b>Symposia 19- Recent Advancements in Statistics for Biomedical Research (10.30am-11.00am)</b></p> <p>Chairperson - Dr. R J Yadav, Dr. Padam Singh, Dr M A Khan</p>	<p><b>Symposia 19- "Expanding Horizons in Nitric Oxide: From Research to Translational Applications"</b> (10.30am - 12.30pm)</p> <p>Chairpersons - Dr. Mira Desai, Dr Ashok</p>		<p>Speaker 4 - Dr. Debasis Bisoi AIIMS Bibinagar</p> <p><b>Title - Materiovigilance: Current Trends &amp; NABH requirements for Biomedical devices</b></p>

	<p>Speaker 1 – Dr. Avtar Lal Guidelines Methodologist Canadian Thoracic Society, Canada <b>Title - Requirement of systematic reviews in development of clinical Practice guidelines</b></p> <p>Speaker 2 – Dr. Arun Kumar Yadav DGAFMS, New Delhi <b>Title - Systematic Review: Need for Evidence based Medical research</b></p> <p>Speaker 3- Dr. Dharmendra K Yadav, National Institute of Health and Family Welfare (NIHFW) <b>Title - Application of Artificial Intelligence &amp; Machine Learning in Drug Discovery</b></p> <p>Speaker 4 – Dr. Gayatri Vishwakarma Zydus Life Sciences Ltd, Zydus Research Centre, Ahmedabad, Gujrat <b>Title - Translating Data into Breakthroughs: The Role of Biostatistics in Shaping Tomorrow’s Medicine</b></p> <p>Speaker 5 Dr. Harmanjit Singh Government Medical College and Hospital Chandigarh, India <b>Title- Modernizing Systematic Reviews and Meta-Analyses: Innovations and Future Directions"</b></p>	<p>K Dubey, Dr. K Sreedhara Ranganath Pai</p> <p>Speaker 1- Prof. Arunabha Ray V.P. Chest Institute, University of Delhi <b>Title - Advances in nitric oxide (NO) research and its translational potential</b></p> <p>Speaker 2 - Dr. Suvro Chatterjee Dept. of Biotechnology, Burdwan University, Burdwan, West Bengal <b>Title – Expanding scope of NO research: food supplements</b></p> <p>Speaker 3 - Dr. Kaushik Ghosh Dept of Chemistry, Indian Institute of Technology, Roorkee, UK <b>Title - Photo-induced delivery of nitric oxide: A novel strategy</b></p> <p>Speaker 4 – Dr Kavita Gulati Pharmacology, VP Chest Institute, Univ of Delhi <b>Title - Diagnostic and therapeutic role of NO in bronchial asthma</b></p> <p>Speaker 5 – Prof. Mohd. Iqbal Alam Physiology, HIMSR, Jamia Hamdard, New Delhi <b>Title - Nitric oxide and pre-eclampsia</b></p>	<p>Speaker 4 – Dr. Rajesh Kumawat Himalaya Wellness Company <b>Title - Complexity &amp; Nuances of Herbal Product: Need of the hour is “To Validate”</b></p> <p>Speaker 5 - Dr. Satyendra Rajput Dept of Pharmacology Gurukul Kangri, Haridwar <b>Title - Indian System of Medicine: Challenges and Opportunities for a Healthier World</b></p>	<p>Speaker 5- Dr. Vishal Wahane Senior Medical Advisor Walter Bushnell Pvt Ltd <b>Title - From Lab to Market: Medico- Marketing Career in Pharma Industry</b></p>
12.00 pm – 1.00 pm	Quiz Final Round		Panel Discussion 2- Alternative & Complimentary Medicine; Time to think “Beyond Boundaries” 12.00 PM – 1.00 PM	Special Talk  Speaker - Dr. Pramod Kumar Yadav Sam Higginbottom University of

			<b>Coordinator - Dr. Rajesh Kumawat</b>	<b>Agriculture, Technology &amp; Sciences</b> <b>Title - Unlocking Chemical Space Towards Identification of Inhibitors Using Virtual Screening and Molecular Dynamics Simulation: A Case Study on hMPV</b>
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**LUNCH: FROM 12.30 PM TO 2.30 PM AT SWIMMING POOL LAWN**

**2.30 PM-3.30 PM**

**VALEDICTORY SESSION & PRIZE DISTRIBUTION AT JLN AUDITORIUM**

<b>IPC-IPSCON 2024 Special Prizes Venues</b>			
<b>28<sup>th</sup> Nov 2024 (10am -3.30pm)</b>			
<b>SET Facility 3 2<sup>nd</sup> floor Convergence Block</b>	<b>CMET II First Floor CMET</b>	<b>Demo Room, 4039 Department of Pharmacology</b>	<b>SET Facility 2 2<sup>nd</sup> floor Convergence Block</b>
<b>Neuropharmacology</b> <i>Young Pharmacologist (Clinical)</i> 10.00pm -12.30pm  <i>Young Faculty (Clinical)</i> presentations 12.30pm-1.00pm	<b>Open sessions</b> Oral session presentations (Basic)  10.00am-1.00pm	<b>Cardiovascular Pharmacology</b> Young Pharmacologist (Basic) 10.00am - 11.30am  Young Faculty (Basic) 11.30am-12.30pm	<b>Environmental Pharmacology &amp; Toxicology</b> Young Pharmacologist (Basic) 10.00am – 10.45am  Young Faculty (Basic) 11.00am-11.45am
<b>Lunch</b>			
<b>Open Session</b> Clinical Oral presentations 2.00pm-3.45pm	<b>Open Sessions</b> Oral presentations (Basic) 2pm-3.45pm	<b>Cardiovascular Pharmacology</b> Young Pharmacologist (Clinical) 2.00pm-3.00pm  Young Faculty (Clinical) 3.00pm – 3.45pm	<b>Neuropharmacology</b> Young Faculty (Basic) 2.00pm-3.15pm
<b>29<sup>th</sup> Nov 2024 (9am -5pm)</b>			
<b>SET Facility 3 2<sup>nd</sup> floor, Convergence Block</b>	<b>CMET II First Floor CMET</b>	<b>Demo Room, 4039 Department of Pharmacology</b>	
<b>Neuropharmacology</b> Young Pharmacologist (Basic) 9.00am –1.00pm	<b>Miscellaneous</b> Young Pharmacologist (Clinical) 9.00am –1.00pm	<b>Herbal/Indigenous/Traditional Medicine</b> Young Pharmacologist (Basic) 9.00am – 1.00am	
<b>Lunch</b>			
<b>Miscellaneous</b> Young faculty Basic 2.00pm-4.30pm	<b>Herbal/Indigenous/Traditional Medicine</b> Young faculty (Basic) 2.00pm-3.00pm	<b>Miscellaneous</b> Young Pharmacologist (Basic) 2.00pm-5.00pm	
<b>30<sup>th</sup> Nov 2024 (9am -1pm)</b>			
<b>SET Facility 3 2<sup>nd</sup> floor Convergence Block</b>			
<b>Miscellaneous</b>			

(Clinical) Oral Presentation  
10.00am -11.00am