

NIPER PHARMACON 2022

International Conference on Recent Trends and Future Opportunities in Pharmaceuticals Scientific Schedule



Dates: November 10-12, 2022
Venue: NIPER SAS Nagar, Punjab, India

Day 1, Thursday, November 10, 2022

Time/Venue	Auditorium, Convention Centre
08:00-09:20	Registration
09:30-10:45	Inaugural Program Address by Organizing Chairperson Prof. Dulal Panda Director, NIPER, SAS Nagar Guest of Honour Shri Rajneesh Tingal Joint Secretary, Department of Pharmaceuticals, MoC&F, GoI Address by Dr. Girish Sahni Chairperson BoG, NIPER S.A.S. Nagar, Former DG-CSIR Lecture by Chief Guest "Cone Snail Venom Peptides: Characterization of Conopressins, Analogs of the Pituitary Hormones Oxytocin & Vasopressin" Prof. P. Balaram, Former Director, IISc, Bangalore Vote of Thanks Prof . Shyam S. Sharma Organizing Secretary
10:45-11:30	High Tea

Day 1, Thursday, November 10, 2022

Time/Venue	Auditorium, Convention Centre	Seminar Hall, Convention Centre	Convention Centre Lawn
	Session 1: Emerging Opportunities in Advanced Drug Delivery Systems	Session 2: Drug Discovery for Anti-Microbial Resistance (AMR)	Poster Presentations Category P1 & P2
	Chair: Dr. V. Ravichandiran, NIPER Kolkata Co-Chair: Prof. Sanyog Jain, NIPER SAS Nagar	Chair: Dr Susanta Samajdar , Aurigene Co-Chair: Dr Chaaya Iyengar, NIPER SAS Nagar	Chair: Prof. PV Bharatam
11.30-12.00	Prof. Yahya E Choonara University of Witwatersrand, South Africa Neurotherapeutic nanomedicines: The unnerving thought of "matter over mind"	Dr Indranil Biswas University of Kansas Medical Centre, USA Developing novel antimicrobials against <i>Acinetobacter baumannii</i> , an atypical pathogen	P1 & P2 (11:30-14:00)
12.00-12.30	Prof. Vandana B. Patravale ICT, Mumbai Drug eluting stents for coronary intervention: Opportunities and challenges	Prof. Anirban Banerjee IIT, Mumbai Cytosol as the battleground in host - pathogen interaction	
12.30-13.00	Prof. Farhan J Ahmad Jamia Hamdard, New Delhi Emerging opportunities in advanced drug delivery systems (ADDS)	Dr Sanjeev Khosla IMTECH, Chandigarh Role of histone methyltransferase, SUV39H1, in modulation of mycobacterial infection	
13.00-13.30	Dr Anurag Sood Dr Reddy's Lab, Hyderabad Patient centric innovative & differentiated products: A way to fulfil unmet patient need	Dr Sidharth Chopra CDRI, Lucknow Discovering drugs for bad bugs: Progress amongst challenges!	
13.30-14:00	Prof. Indu Pal Kaur UIPS, Panjab University, Chandigarh Innovation to reality using nanosystems: Examples from my lab	Dr Shailja Singh, JNU, New Delhi Cytoprotective autophagy as a pro-survival strategy in ART-resistant malaria parasites	
14.00-15.00	Lunch		

Day 1, Thursday, November 10, 2022

Time/Venue	Main Auditorium, Convention Centre	Seminar Hall, Convention Centre	MBA Seminar Hall	Convention Centre Lawn
	Session 3: Drug Discovery for Cancer Chemotherapeutics	Session 4: Opportunity & Challenges in Phytopharmaceuticals and Nutraceuticals	Oral Presentations Category T 1 & T2	Poster Presentations Category P3, P4, P11
	Chair: Dr. USN Murty, NIPER Guwahati Co-Chair: Prof. Sankar K Guchhait, NIPER SAS Nagar	Chair: Dr Shashi Bala Singh, NIPER Hyderabad Co-Chair: Prof. Sanjay M Jachak, NIPER SAS Nagar		
15.00-15.30	Prof. Dulal Panda NIPER, SAS Nagar Tubulin targeted anti-cancer drugs	Dr Anurag Varshney Patanjali Research Institute, Haridwar Going beyond the roots: Pharmacological and toxicological assessments of Ashwagandha (<i>Withania somnifera</i>) aerial parts	Chair: Prof. Pawan Krishan, Punjabi University Co-Chair: Dr. M.S. Gill T1 (15.00-16.30)	P3, P4, P11 (15.00-17.00)
15.30-16.00	Dr Bushra Ateeq IIT, Kanpur Molecular characterization of prostate cancer: Prospects of precision medicine in India	Dr Sandip B. Bharate IIIM, Jammu Phytopharmaceuticals: A new hope for uplifting the traditional medicine in India	Chair: Dr Arti Dhar, BITS Hyderabad Co-Chair: Dr Ravi Shah T2 (16.30-18.00 h)	
16.00-16.30	Dr Susanta Samajdar, Aurigen, Bangalore Overcoming various drug discovery challenges using targeted protein degradation (TPD) as new modality	Dr Mahendra Bishnoi NABI, Mohali Transient receptor potential (TRP) channel triagonist based combination nutraceuticals for obesity therapeutics		
16.30-17.00	Dr Manas Kumar Santra NCCS, Pune Development of synthetic compound to inhibit AKT signaling through targeting non-conventional site: Implication in cancer therapeutics	Panel Discussion on Phytopharmaceuticals and Nutraceuticals		
19.30-21.30	Dinner			

Day 2, Friday, November 11, 2022

Time/Venue	Main Auditorium, Convention Centre	Seminar Hall, Convention Centre	MBA Seminar Hall	Convention Centre Lawn
	Session 5: Recent Developments in Immunotherapy and Biologicals	Session 6: Challenges in Key Intermediates and APIs Development	Oral Presentations Category T3, T4 & T6, & T5	Poster Presentations Category P5, P6, P9, P10
	Chair: Dr. Girish Sahni Co-Chair: Prof. Ipsita Roy	Chair: Dr. Neeraj Tiwari, Punjab Alkali Co-Chair: Dr. J. Laha		
09.30-10.00	Prof. Enoch Y Park Shizuoka University, Japan Display technology in virus-like particles using silkworm expression system	Prof. Paul W Groundwater University of Sydney, Australia New adjuvants to bring life back to old antibacterials	Chair: Dr Puneet Bansal, CUP Bhatinda Co-Chair: Dr Vaibhav Dixit T3 (09.30-10.45)	P5, P6, P9, P10 (09.30-13.00)
10.00-10.30	Dr Taruna Madan ICMR-NIRRH, Mumbai Recombinant human innate immune proteins for therapy of prostate cancer	Dr, Andiappan Murugan Troikaa Pharmaceuticals Design Principles of APIs Development	Chair: Prof. Anil Kumar, UIPS Co-Chair: Dr. Neelesh Mehra T4 & T6 (10.45-12.00)	
10.30-11.00	Prof. Abhay H Pande NIPER-Mohali Engineered proteins - A new era of biopharmaceuticals innovation	Dr Ketan Agravat rK3 Solutions, Gujarat Nitrosamine impurities	Chair: Dr. Kanti Kiran, NABI Co-Chair: Dr. Sandeep Chaudhary T5 (12.00-13.15)	
11.00-11.30	Dr. Kausik Chattopadhyay IISER-Mohali Bacterial pore-forming toxins: Structural basis of membrane-damaging virulence mechanism	Dr. Joydev Laha NIPER SAS Nagar Sustainable synthetic processes for the preparation of pharmaceutical beyond academic research		
11.30-12.00	Dr Ravi Pratap Narayan Mishra IMTECH, Chandigarh The rational design of vaccines against bacterial and viral pathogens	Panel Discussion on APIs		
12.00 -13:00	Panel Discussion on Immunotherapy and Biologicals			
13:00-14:00	Lunch			

Day 2, Friday, November 11, 2022

Time/Venue	Auditorium, Convention Centre	Seminar Hall, Convention Centre	MBA Seminar Hall	Convention Centre Lawn
	Session 7: Pharmacoinformatics and Artificial Intelligence	Session 8: Medical Devices/ Drug - Device Interactions: Path Ahead	Oral Presentations Category T 7 & T 11	Poster Presentations Category P7, P8
	Chair: Prof. PV Bharatam ,NIPER SAS Nagar Co-Chair: Prof. Prabha Garg, NIPER SAS Nagar	Chair: Prof. IP Singh, NIPER SAS Nagar Co-Chair: Dr. Dipika Bansal, NIPER SAS Nagar		
14.00-14.30	Prof. Rebecca Wade ZMBH, Heidelberg University, Germany Computer simulation of the interactions of drug molecules with polymer excipients, protein crowders and target receptors	Dr Neetu Singh IIT, Delhi Rethinking solutions for healthcare technologies	Chair: Dr GD Gupta, ISFCP Moga Co-Chair: Dr. Ashutosh Kumar T 7 (14.00-15.30)	P7, P8 (14.00-17.00)
14.30-15.00	Dr Balvinder Singh IMTECH, Chandigarh	Dr Abhjit Majumdar IIT, Mumbai Drug screening microfluidic device		
15.00-15.30	Prof. Bikash Medhi PGIMER, Chandigarh Artificial intelligence in translational pharmacovigilance	Dr Sanjeev Kumar Gupta In-Trust Consulting, Navi Mumbai Development of in vitro diagnostic (IVD) medical devices: Role of standards and monographs	Chair: Dr Ajay Prakash, PGIMER Chandigarh Co-Chair: Dr. Debabrata Mandal T 11 (15.30-17.00)	
15.30-16.00	Dr Shrikant S. Mantri NABI, Mohali Next Generation Sequencing and metagenomics	Panel Discussion on Medical Devices		
16.00-17.00	Panel Discussion on Pharmacoinformatics			
18:00-19:30	Cultural Program			
19.30-21.00	Dinner			

Day 3, Saturday, November 12, 2022

Time/Venue	Auditorium, Convention Centre	Seminar Hall, Convention Centre
	Session 9: Therapeutics approaches for CNS diseases	Session 10: START UPS : Challenges and Opportunities
	Chair: Dr Shashi Bala Singh, NIPER Hyderabad Co-Chair: Prof. SS Sharma, NIPER SAS Nagar	Chair: Dr S Anantha Ramakrishna, CSIO Co-chair: Dr. Sushma Singh, NIPER SAS Nagar
09.30-10.00	Dr Anil Gulati Pharmazz, Inc., USA Clinically meaningful improvement in neurological outcome by sovateptide (Tycamzzi™) in treating acute cerebral ischemic stroke patients	Mr Tarun Gupta SiCureMi Healthcare Synergy Building, IIT, New Delhi
10.00-10.30	Dr Bharath Chelluboina University of Wisconsin-Madison, USA Impact of comorbidities in developing neurotherapeutics for ischemic stroke	Mr Arun Prajapati Growdea Technologies Pvt. Ltd.
10.30-11.00	Dr Anil K. Chauhan University of Iowa, USA Novel anti-platelet targets to inhibit thrombosis	Mr Arnab Roy Chowdhury Mestastop Solutions, Bengaluru
1.00-11.30	Dr Surajit Karmakar INST, Mohali Preclinical therapeutic implications of nano-melatonin for neurodegenerative and inflammatory diseases	Mr TV Radhakrishna Mullapudi, Pharmajen, Hyderabad
	Session 11: Pharmacogenomics and Precision Medicine	Panel discussion on Startups ecosystem in India
	Chair: Prof. KB Tikoo, NIPER SAS Nagar Co-Chair: Dr. Abhay Sangamwar	
11.30-12.00	Dr Viraj Suvarna Roche Pharma India, Mumbai Pharmacogenomics and Precision Medicine	
12.00-12.30	Dr G Narahari Sastry, CSIR-NEIST, Jorhat The Role of Mathematics, Statistics and Computers on the Evolution of our Understanding on the Disease, Health and Drugs	
12.30-13.00	Dr Debasisa Mohanty, NII Machine learning based method for identification of novel bioactive secondary metabolites by mining bacteria genes and human microbes	
13.00-13.30	Lunch	

Day 3, Saturday, November 12, 2022

Time/Venue	Auditorium, Convention Centre
Session 12: Challenges and Opportunities in Drug Discovery and Development	
Chair: Prof. Anil Gulati, Pharmazz Inc. Co-Chair:: Prof. A.K. Bansal, NIPER SAS Nagar	
13.30-13.50	Mr Arjun Dasoondi, Amway, Gurugram Innovations and challenges in nutraceutical formulation development
13.50-14.10	Dr Kamala Rai, Novartis, Hyderabad Drug development emerging trends and perspectives
14.10-14.30	Dr. Sumit Madan, Sun Pharma, Gurugram Achieving nitrosamine controlled drug formulations: an opportunity for academia –Industry collaboration
14.30-14.50	Dr Mukul R Jain, Zydus Research Centre, Ahmedabad
14.50-15.10	Mr Ashish Gogia, Medreich Meiji, Bengaluru Creating a portfolio of complex enabling technologies in CDMO environment
15.10-15.30	Dr Anil Kukreja AstraZeneca, Bengaluru Recent development in immunotherapy and biological
15.30 -15.50	Dr Ajit Dua Punjab Biotechnology Incubator, SAS Nagar Use of isotope fingerprints in authentication of natural products



Day 3, Saturday, November 12, 2022

16.00-17.00	Valedictory Function, Auditorium, Convention Centre
	<p>Key Note Address- Biotech Startup Ecosystem catalyzed by BIRAC Dr Manish Diwan Head, SPED, BIRAC</p> <p>Guest of Honour Mr. Deepak Bahri Founder and CEO, Sentiss Pharma, Gurugram</p> <p>Chief Guest Prof. Y. K. Gupta President, AIIMS, Bhopal & Jammu</p> <p>Guest of Eminence Ms. S. Aparna, IAS Secretary, Department of Pharmaceuticals, MoC&F, GoI</p> <p>Prize Distribution</p> <p>Vote of Thanks Prof. Arvind K. Bansal Organizing Secretary</p>
17.00-17.30	High Tea
	Departure of Guests