

NIPER-PHARMACON 2022

List of Abstracts Accepted for Oral Presentation

Oral presentation time: 10 min followed by questions/answer session

Please note: Abstracts not mentioned in the below list have been shifted to the [POSTER Category](#)

Sr No	Paper No	Title Of the Paper	First Author
T1: Drug Discovery for Cancer Chemotherapeutics			
1	T1-1002	3,5-bis(styryl)pyrazole is a Potent Antimitotic Agent and Exhibits Cell Death Independent of bcl2 and p53 Levels	Pooja J. Batra
2	T1-1003	PIP5K1 β Bridges Autophagy and Cell Proliferation in Colon Carcinoma; Discovery of its Selective Inhibitor for Treatment	Bishal Rajdev
3	T1-1004	Synthesis and cytotoxic activity of 1,2,4-triazolo tethered bis-indolyl conjugates as dual inhibitors of tankyrase and PI3K	Prasanna Anjaneyulu Yakkala
4	T1-1010	Nature-to-new" in discovery of anticancer agents: an iterative scaffold-hopping strategy and organocatalyzed umpolung-based new synthesis	Ayan Acharya
5	T1-1012	Synthetic halogenated arylvinyl-1,2,4 trioxanes as potential anticancer agents: synthesis, bioevaluation, sar and in-silico studies	Sandeep Chaudhary
6	T1-1013	Development of Anticancer Imidazopy(mi)dine-based Derivatives and Their Bioanalytical Profiling.	Deep Rohan Chatterjee
T2: Emerging Opportunities in Advanced Drug Delivery Systems			
7	T2-1003	Reconstituted Emulsion Eyedrops Containing Cyclosporin A: A Technology for Enhancing Product Stability	Syed Nazrin Ruhina Rahman
8	T2-1008	Development and evaluation of nano formulations and supersaturated drug delivery systems to improve biopharmaceutical attributes of bedaquiline fumarate	Keerti jain
9	T2-1017	Development of venetoclax loaded polymeric mixed micelles for effective treatment of cancer therapy.	Padakanti Sandeep Chary
10	T2-1020	Development of a tumor-responsive nanoparticle-based multi-dimensional therapeutics against cancer	Kavya Sree Maravajjala
11	T2-1024	Phenylboronic Acid Modified Albumin Nanoparticles Loaded with Synergistic Combination for Ferroptosis Mediated Therapy in Cancer	Kaushik Kuche
12	T2-1025	Carbohydrate Decorated Lipidic Nanocarriers of Amphotericin B For Mannose Receptor Mediated Augmented Intra-Macrophage Delivery	Pooja Ashok Todke

T3 : Drug Discovery for Anti-microbial Resistance			
13	T3-1001	Vitamin K3, An inhibitor of Streptococcus pneumoniae with selective anti-ftsZ action	Athira Pushpakaran
14	T3-1003	Bedaquiline Fumarate Carrying Polymeric Nanoparticles for the Treatment of Multi-Drug Resistant Tuberculosis	Farhan Mazahir
15	T3-1008	Capsaicin enhances the efficacy of mupirocin against staphylococcus aureus by inhibiting the mdea efflux pump	Shashikanta sau
16	T3-1009	Development Of Host-Directed Therapies Against MDR Acinetobacter baumannii Infection Using Invitro And In-silico Approaches	Singothu Siva Nagendra Babu
17	T3-1010	Repurposing the anticancer agent Ethyl bromopyruvate (EBP): Targeting enzyme activity and alternate functions of GAPDH.	AJAY KUMAR
18	T3-1015	Tridecaptin-M a preclinical candidate against Multi-Drug Resistant Gram-Negative Bacteria	Vrushali Raka
T5: Development of Key Intermediates and APIs			
19	T5-1004	Development Of Tandem One-Pot Methodologies For The Synthesis and Functionalization of Bio-relevant N-Heterocycles	Firdoos Ahmad Sofi
20	T5-1005	Photoredox Catalyzed Single C–F Bond Activation of Trifluoromethyl ketones to Deliver Gem-difluoromethylene Group Containing compounds	Indranil Chatterjee
21	T5-1007	Synthesis of Pyrrole-Carboxamides Using Pyrrole-Carboxaldehyde via Transition Metal-Free Oxidative Amidation	Surabhi Panday
22	T5-1008	Merging Photoredox-/Electro-catalysis with Organocatalysis for the Asymmetric Synthesis of Dihydrodibenzo-oxazepines	Pankaj Chauhan
23	T5-1011	Harnessing Renewable Energy to Functionalize C(sp ²)-H Bond: Late-Stage Functionalization of Bioactive Molecules	Sudipta Raha Roy
24	T5-1014	Development of Organocatalytic Domino Protocol: Stereoselective Synthesis of Heterocycles	Sandipan Halder
T4&T6 Combined: Immunotherapy, Biologicals, Pharmacogenomics and Precision Medicine			
25	T4-1002	TNF- α /IL-23 Binding Domain Antibody	Sandeep
26	T4-1004	Duplex-Specific Nuclease Assisted Amplification by MNP-ssDNA Nanoprobe for the Detection of SARS-cov-2 RNA	Ankan Dutta Chowdhury
27	T4-1011/ T11-1011	Designing of new APOE-mimetic peptide APOEfrag and investigation of its neuroprotective potential in stroke model	Sakeel Ahmed
28	T4-1015/ T11-1015	Novel Inhibitors of HSP90	Jaskirat Kaur
29	T6-1001	Biomarkers in Precision Medicine for the Diagnosis and Prevention of Vascular Stenosis in Cardiovascular	Pratima Tripathi

		Disorder	
30	T6-1003	Assessment of lysosomal acid lipase (LAL) activity in Indian non-alcoholic fatty liver disease patients: A hospital based real-world study	Aamir Bashir
T7: Phytopharmaceuticals and Nutraceuticals			
31	T7-1006	The bio-protective role of millet polyphenols in metabolic syndrome caused by high-fat high-sucrose diet	Ruchika Maurya
32	T7-1007	Hederagenin ameliorates lead and chromium induced toxicity in neuroblastoma shsy-5y cells	Reetika Tandon
33	T7-1008	Phenanthrene derivative as effective acetylcholinesterase inhibitor: in vitro and in silico study	Ankita
34	T7-1011	Novel hydroalcoholic polyherbal formulation development and ultra-performance liquid chromatographic separation, estimation of berberine in cissampelospareira roots, tinospora cordifolia stems, and a marketed siddha-based polyherbal formulation "kabusura	Ramkishan Jatoth
35	T7-1012	Phyto-metabolomics of Phlogacanthus curviflorus by using a LC-ESI-QTOF-MS/MS and GC/QTOF-MS approach: Interrelationship between total phenol content, antioxidant activity, and enzyme inhibition potential	Ponneganti Srikanth
36	T7-1014	Doe-Based Optimization of Polyherbal Cream and its In Vitro Characterization Against Candida glabrata	Chanti Babu Katta
T9: Pharmacoinformatics and Artificial Intelligence			
All the papers in this category have been shifted to the Poster Category			
T11 : Therapeutic Approaches for Central Nervous System Diseases			
37	T11-1006	Neurophysiological Effects of N-Methyl-D-Aspartate (NMDA) Receptor Antagonists in a Rat Model of PTSD	Ashok K. Datusalia
38	T11-1007	NEC-1S Mitigates Microglia-Mediated Neuroinflammation in Type 2 Diabetes	Gurpreet Singh
39	T11-1012	Pharmacological inhibition by clemizole and sirna knockdown of TRPC5 channels reduces MPTP/MPP+-induced Parkinson's disease	Bhupesh Vaidya
40	T11-1013	D-limonene attenuates intracerebroventricular-streptozotocin-induced cognitive and mitochondrial dysfunctions in sd rat's brain	Monika Kadian
41	T11-1014	Maresin-1 prevents blood spinal cord barrier disruption	Zarna Pathak

		associated with trpv4 elevation in the experimental model of spinal cord injury	
42	T11-1019	Oral Delivery of Insulinotropic Agent Loaded Nanocarrier to Enhanced Brain Uptake for Diabetes Linked Neurodegenerative Disorder in Wistar Rats	Geetika Wadhwa