



Institute of Pharmacy & Technology, Salipur Cuttack

IPT NATIONAL CONFERENCE 2019

Theme- “Cell based vehicles as tools for drug development and therapy: opportunities and challenges”

Abstracts selected for ORAL presentation

Sl. No	Abstract Code	Title
1	IPTNCA001	Isolation and characterization of degradants from dolutegravir using LCMS, ¹ H and ¹³ C NMR techniques
2	IPTNCA002	Improvement in Diffusion rate and Stability of Nimodipine Nanoemulsion by Freeze Drying
3	IPTNCA007	Evaluation of psychological parameters and QOL estimation in polycystic ovarian syndrome
4	IPTNCA022	Starch extracted from Sago used as potential superdisintegrant in fast dissolving tablets of Glipizide.
5	IPTNCA073	Phytopharmacological evaluation of <i>Crinum defixum</i> , a potential antiepileptic herb used in the costal belt of Odisha
6	IPTNCA086	Molecular docking studies of coumarin derivatives
7	IPTNCA096	Formulation & evaluation of glipizide mucoadhesive microsphere
8	IPTNCA098	Formulation and evaluation of transdermal patches of glipizide
9	IPTNCA099	Cytotoxicity and Pharmacokinetic Studies of Capecitabine Loaded PLGA Based Nanoparticles
10	IPTNCA101	Formulation Development of Levocabastine Hydrochloride Ophthalmic Suspension
11	IPTNCA109	Formulation and characterization of glyceryl monostearate and sunflower oil based oleogel for ocular delivery
12	IPTNCA132	Design and investigation of solidified SMEDDS of Eprosartan mesylate with its improved dissolution rate



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Theme- “Cell based vehicles as tools for drug development and therapy: opportunities and challenges”

Abstracts selected for POSTER presentation

Sl. No	Abstract Code	Title
1	IPTNCA003	Identification and quantification of ezetimibe in presence of its active metabolite ezetimibe-glucuronide in human plasma by high performance liquid chromatography to study pharmacological effects
2	IPTNCA004	Nanocarriers for drug delivery as a treatment of cancer and their performance
3	IPTNCA005	Formulation and evaluation of gastro retentive tablets of irbesartan
4	IPTNCA006	Formulation and Evaluation of Ethionamide immediate release tablets
5	IPTNCA008	A Comparative Study on Various Physico-chemical Characteristics of Some Marketed Body Soaps Containing Neem
6	IPTNCA009	Formulation and evaluation of mucoadhesive buccal films of enalapril maleate
7	IPTNCA010	Design, development and evaluation of nanoemulsion gel for transdermal delivery of lornoxicam
8	IPTNCA011	A review on controlled release drug delivery system
9	IPTNCA012	Ketotifen fumarate and salbutamol sulphate combined transdermal patch formulations
10	IPTNCA013	DNA vaccines: genetic immunotherapy for cancer
11	IPTNCA014	Formulation and evaluation of floating drug delivery system of zolpidem tartarate tablets
12	IPTNCA015	A review on nanoemulsion
13	IPTNCA016	RP-HPLC method development validation and validation of oseltamivir phosphate in pharmaceutical dosage form
14	IPTNCA017	Formulation and evaluation of fast disintegrating tablets of anti-inflammatory drug flurbiprofen
15	IPTNCA018	Biosimilars: revolutionary crusade for cancer care
16	IPTNCA019	Dendrimer: the recent drug delivery system
17	IPTNCA020	Effective delivery of drugs and neuro-pharmaceutical agents to brain: an insight to the researchers, academia and industrialists
18	IPTNCA021	Phytochemical identification and pharmacological evaluation of ethanolic & aqueous leaf extract of <i>Ixora coccinea</i> for anthelmintic & anti-oxidant activity
19	IPTNCA023	High through put analytical method on drug discovery
20	IPTNCA024	Single-cell metabolomics by spectrometric methods for drug discovery

21	IPTNCA025	Virosomes
22	IPTNCA026	Resealed erythrocytes
23	IPTNCA027	Formulation of transdermal patches for the drug ketorolac tromethamine using different permeation enhancers and its evaluation
24	IPTNCA028	Prospective of niosomal drug delivery system in present scenario of health care
25	IPTNCA029	Antioxidative Effects of <i>Amaranthus spinosus</i> prepared by different processing methods
26	IPTNCA030	Nanoburrs: a novel emerging drug delivery system to tackle cardiovascular disease: a review
27	IPTNCA031	Design and degradedability study of human serum albumin nanoparticle
28	IPTNCA032	Synthesis and screening of a newly synthesized benzimidazole chalcone for anthelmintic activity
29	IPTNCA033	Drug Delivery to Stem Cell – updated Study
30	IPTNCA034	Evaluation of Wound healing activity of Methanolic Extract of <i>Adiantum philipense</i> in Swiss Albino mice
31	IPTNCA035	A review on toxicity and environmental risks associated with nanoparticles
32	IPTNCA036	Pyrimidine: it's chemistry with special attention toward antimicrobial activity
33	IPTNCA037	PLGA-based biodegradable iron oxide nanoparticles for breast cancer therapy
34	IPTNCA038	Formulation and Evaluation of Gastroretentive Microcapsules of Repaglinide
35	IPTNCA039	Formulation and anti microbial evaluation of mucoadhesive herbal gel containing <i>Abroma augusta</i> linn. Extract
36	IPTNCA040	Recent approaches in herbal drug standardization
37	IPTNCA041	Research priorities to reduce childhood morbidity in odisha for next 15 years
38	IPTNCA043	Investigating the potential of drug loaded lipid nanocarrier based formulation to cross the blood brain barrier
39	IPTNCA044	Formulation and anti microbial evaluation of mucoadhesive herbal gel containing methanol extract of <i>Indigofera trita</i> linn.
40	IPTNCA045	In vitro Anti-diabetic activity of <i>Cucurbita moschata</i> seed protein
41	IPTNCA046	Combined pharmacophore modelling and QSAR studies of benzimidazole derivatives as anticancer agents
42	IPTNCA047	RP-HPLC method for simultaneous determination of rosiglitazone and gliclazide in rat plasma and its application in pharmacokinetic study
43	IPTNCA048	Nanotheranostics - current strategy in modern therapy
44	IPTNCA049	Antioxidant Activity of <i>Luffa aegyptiaca</i> seed Protein Hydrolysate
45	IPTNCA050	Pharmacological evaluation of anti-ulcer activity of <i>Citrullus colocynthis</i> against ethanol induced ulcers in male wistar rats
46	IPTNCA051	Cell based vehicle an innovative approach for cell mediated drug delivery system
47	IPTNCA052	Effect of permeation enhancer on the release of losartan potassium buccal patches using hydrophilic polymers

48	IPTNCA053	Preliminary phytochemical investigation and anthelmintic activity of <i>Mikania scandens</i> Wild root
49	IPTNCA054	Nanoparticles in Drug Delivery Systems
50	IPTNCA055	Cell-mediated drug delivery: A review
51	IPTNCA056	Review on cell based assay techniques for drug developments
52	IPTNCA057	Recent trends in impurity profiling of pharmaceutical products
53	IPTNCA058	Studies on Synthesis and Antimicrobial Activity of Some New Mannich Bases of Indole 2, 3-Dione Derivatives
54	IPTNCA059	Glaucoma: A time needs updating data
55	IPTNCA060	Stability indicating assay methods (critical review)
56	IPTNCA062	Pharmacological profile of <i>Aporosa octandra</i> – a concise overview
57	IPTNCA063	Mesenchymal Stem Cells as Gene Delivery Vehicles
58	IPTNCA064	Antimicrobial Activities of Some Novel Pyrazole Derivatives
59	IPTNCA065	Experimental models for assessment of wound healing potential of drugs: a systematic review
60	IPTNCA066	Phytochemical & antimicrobial studies on leaves of <i>Lantana camara</i>
61	IPTNCA067	Bacterial ghost: a novel therapeutic drug delivery system
62	IPTNCA068	Designing of orally active pyrrole derivatives having antimicrobial activity through computational method
63	IPTNCA069	Hypoglycemic and anti-diabetic evaluation of leaves of <i>Phyllanthus distichus</i> in normal and alloxan induced diabetic rats
64	IPTNCA070	Spectrophotometric determination of pharmaceuticals by the various chemical derivatization methodologies
65	IPTNCA071	Estimation of total phenolic, flavonoid content and antioxidant activity of <i>Hemidesmus indicus</i> root extracts
66	IPTNCA072	Generic drugs, are they as good as brand names? A comparison for the benefit of the society
67	IPTNCA074	Organ-on-chips: a next generation technology for preclinical trials
68	IPTNCA075	Cell-based assays in high-throughput screening for drug discovery
69	IPTNCA076	Emerging implications of nanoparticles in cancer along with cancer chemo resistance
70	IPTNCA077	Transdermal drug delivery of ketorolac
71	IPTNCA079	Review on Polycystic Ovarian Syndrome(PCOS) and its management
72	IPTNCA080	Cloud computing – giving a new direction to the digitalization on pharma marketing operation and focusing improvisation of it development in pharma sector
73	IPTNCA081	Folk Knowledge on Medicinal Plants Used for the Treatment of Skin Diseases in the state of Odisha, India
74	IPTNCA082	Smart nanocarrier-based drug delivery systems for cancer therapy
75	IPTNCA083	Stem cell therapy

76	IPTNCA084	Natural gums and mucilage and their application as excipient
77	IPTNCA085	Disease modifying anti-rheumatic drugs for rheumatoid arthritis and their benefits
78	IPTNCA087	Gums and Resins as Novel Pharmaceutical Excipients from Natural Origin: An Updated Review
79	IPTNCA088	Cardiac translation cell therapy from first generation to next generation
80	IPTNCA089	Estimation of Esomeprazole Magnesium Hydrate By Ion-Pair Spectrophotometry and RP-HPLC Method
81	IPTNCA090	An article on cardio-vascular diseases and copd: friend or foe
82	IPTNCA091	A review on importance of pharmacovigilance (PV) in new drug discovery
83	IPTNCA092	Comparison of the Antihypertensive Efficacy among Different Brands of Telmisartan-A Prospective study
84	IPTNCA093	Liquosolid compacts: an approach to enhance the dissolution rate of nimesulide
85	IPTNCA094	Effect of anti-inflammatory activity of leaves of <i>Phyllanthus distichus</i> in experimental animal models
86	IPTNCA095	Review on neuro pharmacological principle and screening techniques of pharmaceuticals on experimental animal
87	IPTNCA097	Antipyretic Potential of Hydroalcoholic Extract of <i>Nyctanthes arbor-tristis</i> Linn (Oleaceae) Leaf
88	IPTNCA100	DNA based nanocarriers for cancer diagnosis and therapy
89	IPTNCA102	“Nanotechnology” pharmaceutical applications and limitations
90	IPTNCA103	Applications of nanotechnology in drug delivery to the neurological disorders
91	IPTNCA104	Improvement of Solubility and Dissolution of Domperidone with PEG 6000 by Fusion Method
92	IPTNCA105	Toxicological characterization of nanoparticles
93	IPTNCA106	Modern analytical techniques in quality evaluation of phytopharmaceutical
94	IPTNCA107	“GREEN” Synthesis of Nanoparticles: An Ecological Expertise
95	IPTNCA108	Molecular docking and druggability studies of novel edaravone analogues
96	IPTNCA110	Organogels : preparation, characterization and application in drug delivery
97	IPTNCA111	Neurodegenerative disorder: a review
98	IPTNCA112	Intrapericardial delivery of therapeutics and cells: past and recent advancements
99	IPTNCA113	Application of biosensors in detecting various cancers
100	IPTNCA114	Application of biosensors in detecting various contaminants’ in food industry
101	IPTNCA115	Design, synthesis and evaluation of voriconazole cocrystals
102	IPTNCA116	Hydrogel: A promising carrier for drug delivery
103	IPTNCA117	Bioengineered cellular and cell membrane-derived carriers for innate homing and targeting
104	IPTNCA118	Emergency therapy in cancer

105	IPTNCA119	Applications of iron oxide nanoparticles in drug delivery in cancer
106	IPTNCA120	Recent advances in drug delivery system: an interrogative review
107	IPTNCA121	Lipid peroxidation: Its effects on the formulation and use of pharmaceutical emulsion
108	IPTNCA122	Design, synthesis and evaluation of itraconazole cocrystals
109	IPTNCA123	Carbon nano tubes - a modern drug vehicle in modern era
110	IPTNCA124	Microencapsulation of highly hydrophilic drug: influence of polymer amount on the efficiency of drug encapsulation
111	IPTNCA125	Toxicology of nanoparticles
112	IPTNCA126	Formulation, development and evaluation of colon targeted dosage form of ibuprofen
113	IPTNCA127	Standardisation of Gokshuradi churna
114	IPTNCA128	Formulation and evaluation of colon targeted mesalamine matrix tablet
115	IPTNCA129	Hydroxyapatite-Plaster of Paris Implants for Bone Drug Delivery
116	IPTNCA130	Development and evaluation of polyherbal syrups using some common herbs used as expectorant
117	IPTNCA131	Stem cells: A model for screening, discovery and development of drugs