



ORAL & POSTER PRESENTATION

Oral Presentation

O-001	OCTN2-mediated active targeting L-carnitine modified PLGA based nanoparticles for enhanced oral paclitaxel	Jin Sun
	delivery	
O-002	Rod shaped nanocrystals exhibit superior in vitro	Qiang Fu
0 002	dissolution and in vivo bioavailability over spherical like	Qiang ra
	nanocrystals: a case study of lovastatin	
O-003	Preparation of highly dispersible C60 nanoparticles by	Daisuke Iohara
0-003		Daisuke Ioliala
	sugammadex, an anionic γ-cyclodextrin derivative, under	
	physiological conditions	
O-004	Application of povacoat as dispersion stabilizer of	Kayo Yuminoki
	nanocrystal formulation	
O-005	Development of self-micellizing solid dispersion system	Hideyuki Sato
	employing amphipathic copolymer for the improvement of	
	dissolution and oral bioavailability of cyclosporine A	
O-006	Design and development of optimal invasomes for	Sureewan
	transdermal drug delivery using computer program	Duangjit
O-007	In vitro and in vivo evaluation of azilsartan tablets	Yinghua Sun
O-008	General understanding on physical stability of	Kohsaku
	pharmaceutical glasses	Kawakami
O-009	Preparation and optimization of tocotrienol rich fraction	Lay Hong
	(TRF)-loaded niosomes	Chuah
0-010	Stabilization mechanism of nitrazepam supersaturated	Harunobu
	state in nitrazepam/Eudragit EPO /saccharin solution	Kanaya
	revealed by NMR measurements	•
0-011	Morphological changes of doxorubicin-loaded liposomes	Naoki
	observed by atomic force microscopy	Takahashi
0-012	Computational approach to the design of hyaluronic acid	Yujiao Sun
	copolymer based doxorubicin micelles	•
0-013	Layer-by-layer nanostructured protein loaded	Cuifang Cai
C 0-0	nanoparticles: A feasibility study using lysozyme as model	canang can
	protein and chitosan as coating material	
0-014	Transforming berberine into its intestine absorbable form	Yan Wang
0 014	by gut microbiota	ran wang
0-015	Quantification of Atorvastatin in human plasma by Liquid	Yahdiana
0-013	Chromatography tandem mass spectromety and its	Harahap
		Haranap
0.016	application for bioequivalence study of three formulations	Homili
0-016	Effect of precipitation/re-dissolution processes from the	Haruki
	supersaturated solution on the intestinal absorption of	Higashino
	poorly water-soluble drugs	

0-017	Induction of sodium-dependent neutral amino acid	Tomohiro
	transporter 2 (SNAT2) by hypertonic stress in placental	Nishimura
	syncytiotrophoblasts	
0-018	Contribution of system A subtypes to neutral amino acids	Yu Takahashi
	transport in human and rat placental barrier	
0-019	Human organic anion transporter 4-mediated transport of	Saki Noguchi
	olmesartan in placenta	
O-020	Distribution of enzymes and transporter regulating	Mai Inagaki
	prostaglandin E2 signaling in the mouse placenta	
	throughout gestation	
0-021	Evaluation of materno-fetal permeability of various	Tomoya Akashi
	compounds by fetus uptake index (FUI) method	•
0-022	Pharmacokinetics interaction between irbesartan and	Nurmeilis
	orthosiphon stamineus extract in rat plasma	
0-023	Differences in affinity of hypotaurine towards Slc6a	Yuko Yoshida
	GABA/taurine transporters	
0-024	Comprehensive supercritical fluid chromatography	Xiaohong Liu
	combined with mass spectrometric detection for the	
	analysis of related substances in polyene phosphatidyl	
	choline extracted from soybean and its commercial capsule	
0-025	Succinylated soybean protein as novel excipient for	Effi Effionora
	sustained release matrix microspheres	Anwar
O-026	Formulation, optimization & evaluation of mouth dissolving	Anil Pethe
	film of nifedipine by using design of experiment	
O-027	Formulation development of multi-unit particulate system	Surendra
	(MUPS) for anti-diabetic drugs	Agrawal
O-028	Self-assembled docetaxel prodrug-based nanomedicine for	Yongjun Wang
	cancer therapy: synthesis, characterization and anticancer	
	valuation in vitro and in vivo	
O-029	Tumour-targeted niosome as novel carrier for intravenous	Ju Yen Fu
	administration of tocotrienol	
O-030	Tumor-targeting siRNA delivery utilizing of folate-PEG	Ayumu
	appended dendrimer (G4) conjugate with a-cyclodextrin	Ohyama
O-031	Single molecular DNA/RNA sequencing with microscopy	Masanori
		Kataoka
O-032	Production of spike and nucleocapsid recombinant proteins	Angkana
	of porcine edidemic diarrhea virus for antibody detection	Tantituvanont
	by ELISA	
O-033	Surface modification of hydrogel microcapsules by MPEG	Jiani Zheng
	and improvement of protein repellency by controlling graft	
	density	
O-034	Thai traditional medicine development: the proposed	Nophadon
	development model of modern Thai traditional medicine	Luangpirom
O-035	Chemical analysis of hydroquinone and retinoic acid	Aung Myo Htet
	contents in facial whitening creams	

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O-036	Detection of nicotine from secondhand smoke as a marker compound	Sanjay Walode
O-037	The effect of pharmaceutical care in the elderly with types 2 diabetes mellitus	Win Myat Maw
O-038	Perceptions on the risk and management of unused pharmaceuticals towards the creation of guidelines on handling and disposal	Jocelyn Palacpac
O-039	Intervention on inhalation technique of rotahaler in patients with chronic obstructive pulmonary disease and asthma	Gulam Muhammad Khan
O-040	Electrospun nanofibers to improve dissolution and gastric tolerance for ibuprofen	Xin Che

Bangkok, Thailand 25-27 November 2015

Poster Presentation

P-001	Comparative studies of the in vitro dissolution and in	Qiang Fu
	vivo pharmacokinetics for different formulation	
	strategies (solid dispersion, micronization, and	
	nanocrystals) for poorly water-soluble drugs: a case	
	study for lacidipine	
P-002	Effect of counter-ion agents on metronidazole loaded	Wiwat Pichayakorn
	chitosan microparticles prepared by w/o	
	emulsification method	
P-003	Microemulsion-based hydrogels of itraconazole:	Prapaporn Boonme
	evaluation of characteristics and stability	
P-004	Evaluation of blank film forming polymeric dispersions	Chaowalit Monton
	based on Eudragit RL 30D and RS 30D for transdermal	
	drug delivery	
P-005	The antitumor efficacy of docetaxel is enhanced by	Yanzhi Song
	encapsulation in novel amphiphilic polymer	
	cholesterol-coupled TPGS micelles	
P-006	Swelling behavior of polyvinyl alcohol and lactic acid	Jirapornchai
	hydrogel films	Suksaeree
P-007	One-pot synthesis of dimethyl cyclodextrin	Satoki Egashira
	polyrotaxanes through thermoresponsive formation of	
	polypseudorotaxanes	
P-008	Inclusion complexes between sildenafil citrate and	Apichart Atipairin
	cyclodextrins enhance drug solubility	
P-009	Swelling and deswelling kinetics of polyvinyl alcohol	Natawat Chankana
	and lactic acid hydrogel films	
P-010	Preparation and characterization of solidified SMEDDS	Kwan Hyung Cho
	containing flurbiprofen by spray-drying method	
P-011	Preparation and physical properties of itraconazole-	Su Su Latt
	loaded nanoemulsions using pineapple starch as co-	
D 013	emulsifier	Vide Olemen
P-012	Effect of PEGylation on the physicochemical and	Yuko Okamoto
	pharmacokinetic characteristics of bovine serum	
P-013	albumin-encapsulated liposome Physico-mechanical characterization of polyurethane	Nantanara
P-013	· · ·	Nantaporn Namviriyachote
P-014	foam dressings containing natural polyols Preparation of antioxidant film from Musa sapientum	Saengrawee
P-014	·	•
D 01F	Linn. peel extract and fruit	Sutthiparinyanont
P-015	Formulation development of nifedipine controlled- release coated tablets	Ananya Ubonratana
P-016		Mari Sugio
L-010	Pharmaceutical properties of insulin conjugate with	Mari Sugio
	glucuronylglucosyl-β-cyclodextrin	





P-017	Development of nanocrystal formulation of mebendazole with improved dissolution and pharmacokinetic behaviors	Naofumi Hashimoto
P-018	Bioadhesiveness of thiolated pectin for buccal delivery of carbenoxolone sodium	Kamonrak Cheewatanakornkool
P-019	Formulation development and preparation of fish oil liposome by using high pressure homogenizer for food supplement product	Thanaporn Amnuaikit
P-020	Film coated floating tablets using sublimable substances	Worawut Kriangkrai
P-021	Development of curcumin floating tablets based on low density foam powder	Sakonjan Treesinchai
P-022	The Efficacy of topical spray containing <i>Centella</i> asiatica extract on excision wound healing in rats	Kanuengnit Choochuay
P-023	Development of triple-layered tablets containing laxatives with a hydrophilic polymer	Woo Heon Song
P-024	Budesonide-loaded enzyme-and pH-sensitive polymeric nanoparticles for the treatment of colitis	Jin-Wook Yoo
P-025	Preliminary study of blended silk fibroin for contact lens-based ophthalmic drug delivery	Waree Tiyaboonchai
P-026	Development and validation of RP-HPLC method for determination of acetazolamide, furosemide and phenytoin extemporaneous suspensions	Warisada Sila-on
P-027	Anti-multiple myeloma drug-associated taste dysfunction: An analysis of the FAERS database	Ayano Inoba
P-028	Evaluation of retail pharmacists perception on patient safety	Palanisamy Sivanandy
P-029	Applications of quality by design (QbD) and its tools in drug delivery	Lan Zhang
P-030	Development of cell-targeting bubble liposome for effective gene delivery with ultrasound	Mutsumi Sugii
P-031	Hydrogel lenses functionalized with surface- immobilized PEG layers for reduction of protein adsorption	Jun-Pil Jee
P-032	Development of charged liposomal delivery system for enhanced algicidal effect of DP-92	Yu Jin Cho
P-033	Fucose-appended dendrimer/ α -cyclodextrin conjugate as a novel NF- κ B decoy carrier to Kupffer cells in fulminant hepatitis mice induced by lipopolysaccharide	Keiichi Motoyama
P-034	Antitumor activity of folate-appended methyl-β-cyclodextrin in mice xenografted human solid tumor cells	Yuki Yamashita
P-035	Anti-tumor effect of poly-S-nitrosated human serum albumin is enhanced by phosphodiesterase 5 inhibitors.	Mayumi Ikeda

P-036	Dual growth factor-immobilized microspheres for tissue reinnervation	Jin Ho Lee
P-037	Prolonged anti-bacterial activity of ion-complexed doxycycline for the treatment of osteomyelitis	Jin Ho LEE
P-038	Combinations of cyclodextrins and polyamidoamine dendrimer as a novel refolding system for protein	Taishi Higashi
P-039	Supplemental therapy of tumor suppressor microRNA using folate-PEG-appended dendrimer (G4) conjugate with α -cyclodextrin	Yuki Otosu
P-040	S-Nitrosated human serum albumin dimer as novel nano EPR enhancer applied to nano-anticancer drugs	Ryo Kinoshita
P-041	Production of polyunsaturated fatty acids in the fern Pteris ensiformis suspension culture	Sireewan Kaewsuwan
P-042	Evaluation of dendrimer conjugate with glucuronylglucosyl-β-cyclodextrin for treatment of transthyretin-related familial amyloidotic polyneuropathy	Yoshihito Yamashita
P-043	Self-assembly PEGylation retaining activity of protein drugs via supramolecular complexation with cyclodextrin	Tatsunori Hirotsu
P-044	In vitro wound-healing effects of biosynthesized copper nanoparticles	Venkata Rao Josyula
P-045	Optimized sirolimus-eluting stent by coating asymmetrically with biodegradable and cytocompatible polymers	Dong Keun Han
P-046	Amelioration of unesterified cholesterol accumulation by multi-lactose appended β -cyclodextrin in NPC-like HepG2 cells	Rena Nishiyama
P-047	Development of tissue-selective gene delivery system with ultrasound	Ryo Suzuki
P-048	Effect of cationic microemulsion on hemolysis and immune cell uptake	Sakalanunt Lamaisakul
P-049	Preparation of chitosan-TPP nanoparticles and their physical and biological properties	Chun-Ho Kim
P-050	Oxygen transmission of modified natural rubber, poly(lactic acid) and chitosan porous structures for wound dressing	Sasiprapa Chitrattha
P-051	Preparation and characterization of poly(propylene Glycol)-conjugated cationic polymers for efficient gene delivery	Gyeonghui Yu
P-052	Modified delivery of axitinib loaded nanohybrid liposomal nanoparticles for hypoxic tumor growth	Juyeon Choi
P-053	Development of lipid nanoparticles for histone deacetylase inhibitors as a promising anticancer therapy	Toe Kyung Go





P-054	Multilayer assembly of liposomal nanoparticles to enhance the systemic delivery of multiple anticancer drugs	Juyeon Choi
P-055	Tumor-targeting, pH-sensitive nanoparticles for docetaxel delivery to drug-resistant cancer cells	Jin Wook Tak
P-056	Engineering of lipid-polymer nanoarchitectural platform for highly effective combination therapy of Doxorubicin and Irinotecan	Yong Joo Choi
P-057	Preparation and optimization of fenofibrate-loaded self-microemulsifying drug delivery system(SMEDDS) by application of Box-Behnken design	Jin Wook Tak
P-058	Improved pharmacokinetic and cytotoxicity characteristics of Imatinib by utilizing nanostructured lipid carriers	Kyu bong Woo
P-059	Preparation of surface-modified poly(d,l-lactide-co- glycolide) nanoparticles for bone targeting	Thanh Tung Pham
P-060	Effect of types of solid lipids on the physicochemical properties and self-aggregation of amphotericin B loaded nanostructured lipid carriers (NLCs)	Pataranapa Nimtrakul
P-061	Optimization of Indomethacin loaded nanostructured lipid carriers	Pattravee Niamprem
P-062	Programmed hydrolysis in designing paclitaxel prodrug for nanocarrier assembly	Qiang Fu
P-063	Development of tamarind seed gum as dry binder in formulation of diclofenac sodium tablets	Kampanart Huanbutta
P-064	Development of controlled release bi-layered tablets containing oxycodone hydrochloride	Kyung Soo Lee
P-065	Influence of counseling intervention on the stress- reducing effect of bergamot oil and on the concentration-improving effect of rosemary oil in aromatherapy	Minae Isawa
P-066	Dendroflorin inhibits lung cancer cell migration	Kesarin Busaranon
P-067	The potential effect of gigantol on lung cancer metastasis	Thitita Unahabhokha
P-068	Therapeutic approach of familial amyloidotic polyneuropathy by targeted delivery of siRNA complex with PEG-appended lactosylated dendrimer/cyclodextrin conjugate	Yuya Hayashi
P-069	Feasibility study of cyclodextrins as active pharmaceutical ingredients for the treatment of GM1-gangliosidosis	Yuki Maeda
P-070	Synthesis, characterisation, antioxidant and anticancer evaluation of some novel flavone-4-oximes	Jayasri Iyengar
P-071	Synthesis, characterisation, antibacterial and anticancer evaluation of some novel flavone-3-ols	Aravinda Pai

P-072	Ouabain inhibits anchorage-independent growth in human lung cancer cells via integrin ανβ3 reduction	Chuanpit Ninsontia
P-073 P-074	Enhanced dissolution of sildenafil dry foam tablets Co-aggregation of curcumin loaded poly(lactic-co- glycolic acid) microspheres with pancreatic islet cells into heterospheroids; strategy to deliver drug in the microenvironment of islets of Langerhans	Somchai Sawatdee Shiva Pathak
P-075	N-acetyl-L-methionine is a superior protectant of human serum albumin against photo-oxidation and reactive oxygen species compared to N-acetyl-L- tryptophan	Yousuke Kouno
P-076	Effect of cooling technique on physicochemical properties of ternary solid dispersion of manidipine hydrochloride prepared by melting method	Benchawan Chamsai
P-077	Dissolution improvement by solid dispersions composed of nifedipine, Eudragit E and silica from rice husk	Srisuda Konthong
P-078	Impact of formulation parameters on physical characteristics of spray dried nanoemulsions and their reconstitutions	Htoo Htet Myat
P-079	Stability study of resveratrol-loaded emulsions using pectin as an emulsifier	Porntip Benjasirimongkol
P-080	Novel approaches for posterior segment ocular drug delivery with folate-modified liposomal formulation	Toshiki Hayashi
P-081	Evaluation of alcoholic alkaline treated rice starch as a binder	Padungkwan Chitropas
P-082	Inhalation properties of water-soluble drug loaded liposomes atomized by nebulizer	Shinshu Unida
P-083	Nicotine transdermal patch for smoking cessation using combination of hydrophilic and hydrophobic polymers as matrix film formers	Danaipat Sukphong
P-084	A study on the plasticization of sustained release coatings for their ability to withstand the damaging effects of compaction on coated pellets	Bala Venkata Sivaram Nallamolu
P-085	Preparation of silymarin nanocrystals using a novel high pressure crystallization technique and evaluation of its dissolution and absorption properties	Risako Onodera
P-086	Significance of three step prescription checking by pharmacists	Mikako Shimone
P-087	Pharmacy residency system in Gunma University Hospital	Asami Matsushita
P-088	Effect of solvent on properties of pectin microspheres prepared by emulsion-dehydration technique	Tassanee Nernplod
P-089	Controlled release tablets of verapamil hydrochloride	Tossaporn Prasertporn





P-090	Improvement of physicochemical stability of highly- concentrated Antibodies using cyclodextrin polypseudorotaxane hydrogels	Naoko Ohshita
P-091	Determination of mono-, di-, and trilaurin in modified coconut oil using HPLC-ELSD	Juthaporn Ponphaiboon
P-092	Preparation and evaluation of alpha-mangostin solid self-emulsifying drug delivery system	Kun Sodalee
P-093	Factors affecting formation of nanoemulsions containing modified coconut oil and spearmint oil	Kamonchanok Wangjit
P-094	Analytical method development of pregabalin and related substances in extended release tablets containing polyethylene oxide	Jin Seob Oh
P-095	A 'combo' experimental design approach for assembly and optimization of imatinib-loaded solid lipid nanoparticles	Seong Yeob Kim
P-096	Evaluation of cytotoxic and inflammatory properties of clove oil microemulsion in mice	Raktham Mektrirat
P-097	Bioequivalence study of abacavir/lamivudine (600/300) mg tablets in healthy Thai volunteers under fasting conditions	Ekawan Yoosakul
P-098	Microenvironmental analysis of binding site of sodium phenylbutyrate on human serum albumin	Keishi Yamasaki
P-099	Liposomal hemoglobin-based artificial oxygen carrier, hemoglobin-vesicles, do not induce transfusion- related acute lung injury	Masahiro Tokuno
P-100	Biopharmaceutics classification system (BCS)-based biowaiver for immediate release solid oral dosage forms of moxifloxacin hydrochloride (Moxiflox GPO) manufactured by The Government Pharmaceutical Organization	Nawaphon Saelim
P-101	Suppression of ABCG2 expression by parathyroid hormone enhances urate accumulation in secondary hyperparathyroidism	Ryusei Sugimoto
P-102	Photosafety testing of dermally-applied chemicals based on photochemical and cassette-dosing pharmacokinetic data	Hiroto Ohtake
P-103	Biotransformation and in vitro metabolic profile of bioactive extracts from a traditional Miao-nationality herbal medicine, <i>Polygonum capitatum</i>	Jie fu
P-104	Protective effect of 1,25-dihydroxyvitamin D3 on concanavalin A-induced mouse hepatitis	Jing Bi
P-105	Determination of the antidepressant effect of mirtazapine augmented with caffeine using swissalbino mice	Alexis Co

P-106	Memantine uptake mediated by a functionally diverse proton-coupled organic cation antiporter in human	Kei Higuchi
	brain endothelial cells	
P-107	Physiological and gene expressional alternation in obesity animal model for ADME/PK characterization	Sung-Hoon Ahn
P-108	Effects of cyclodextrins on function of various transporters in vinblastine-resistant Caco-2 cell monolayers	Hidetoshi Arima
P-109	Factors affecting formation of microemulsions containing modified coconut oil	Sirikarn Pengon
P-110	Phytochemical investigation and antihyperglycemic activity of Leaves of <i>Aegle marmelos</i> (L.) Correa	Soe Sandar Phyo
P-111	Antiulcerative effect of sacran on indomethacin- induced gastric ulcer in mice	Tomoya Hayashi
P-112	Neuroprotective action of <i>Gmelina arborea</i> (bark) and <i>Punica granatum</i> (peel) extracts	Vasudev Pai
P-113	Antiurolithiatic activity of <i>Alternanthera tenella</i> Colla in ethylene glycol induced urolithiasis in rats	Manjunath Setty Manganahalli
P-114	Optimization of trans-resveratrol extraction from peanut kernels using supercritical fluid extraction	Kritamorn Jitrangsri
P-115	Determination of N-trans-feruloyltyramine content and nitric oxide inhibitory and antioxidant activities of <i>Tinospora crispa</i>	Attawadee Sae Yoon
P-116	Influence of clay on drug permeability and mechanical properties of sodium caseinate films	Wanassnant Kajthunyakarn
P-117	Effect of lubricant content and drug type on spray- dried chitosan-clay composite tablets	Rapee Khlibsuwan
P-118	Based on poly (glutamic acid) conformation transition to control drug release and intracellular transport of nanoparticle for tumor targeting therapy	Zhonggao Gao
P-119	Deproteinization with ZnSO ₄ -Ba(OH) ₂ reduces the photodegradation of montelukast in plasma during bioanalysis	Young-Joo Lee
P-120	Simple and rapid liquid chromatography—tandem mass spectrometry method for simultaneous determination of (S)-allyl-L-cysteine and its metabolites in rat plasma:	Young-Joo Lee
P-121	application to pharmacokinetic study in rats Novel insights into PepT1 transporter mediated dipeptide functionalized PLGA nanoparticles for docetaxel oral delivery	Yuqian Du
P-122	Antimicrobial efficacy of different copper salts incorporated in dental zinc phosphate cement	Mario Helmis
P-123	Effects of cryoprotectants on freeze-drying of nanoemulsion	Hein Lin Khaing





P-124	Preparation of hydrophilic $C_{60}(OH)_{10}/2$ -hydroxypropyl- β -cyclodextrin nanoparticles for the treatment of a liver injury induced by an overdose of acetaminophen	Yoshitaka Umezaki
P-125	Dissolution properties of controlled-release matrix talets cotaining pelubiprofen	Joon-Seok Bang
P-126	Anti-CD133 Ab/angiopep-2-conjugated immunoliposomes for targeting glioblastoma stem cells	Jin-Seok Kim
P-127	Biodegradable poly(lactic-co-glycolic acid) based tacrolimus microspheres prepared by using single jet electrospraying method could be potential drug delivery system for long term immune suppressive effects	Regmi Shobha

The guidelines for poster presentation

Poster Put-up & Take down Time
Put-up: 26 November 2015 | from 8.00 am – 10.00 am
Take down: 27 November 2015 | from 4:00pm – 6.00 pm

Date & Time of Poster Sessions

Poster session I: 26 November 2015, 1:00 pm – 2.00 pm (60 min)

Poster session II: 27 November 2015, 1:00 pm – 1.30 pm (30 min)

All presenters are required to preside at their poster panel during the session for anticipated discussion with participants.

Outlook of Poster Presentation

The poster board is self-standing. The size of each poster panel/board is 80 cm in width and 120 cm in height. The maximum poster size is 80 cm in width and 100-120 cm in height in vertical template. Each paper's code will be shown on the board.

AFPS Nagai Pre-doctoral Best Paper Award 2015

Up to 7 awards (1 Gold/2 Silver/4 Bronze medals) will be presented in recognition of the best poster pre-doctoral research presentations during the Conference. All poster presentations are judged by a Scientific Committee-appointed poster judging panel. The awards will be acknowledged during the Awards Presentation at the end of the Conference.