

#### PRESENTATION ANNOUCEMENT

We are pleased to announce the list of abstracts that have been approved by the Scientific Committee for presentation at the 8<sup>th</sup> International Conference on Pharmaceutical Sciences and Technology (PST2025). These selected abstracts are eligible for either oral or poster presentations, as indicated in the tables below.

Please refer to the tables for details on the presentation type, registration code, presenter name, and abstract title. Additional notes and instructions specific to each presentation category are provided below each table.

We would like to extend our heartfelt congratulations to all presenters whose work has been selected. We look forward to your valuable contributions and to a successful PST2025, which will be held on June 12–13, 2025, at the Ambassador Hotel Bangkok.

#### ORAL PRESENTATIONS ROOM A

No.	Time	Register Code	Name	Abstract title
1	13.05-13.17	OST1003	Thus	The effect of mill types on the properties of granules produced by the roller compaction
			Thareesucheevakul	technique: A preliminary study
2	13.17-13.29	OST1004	Samuel Wirajaya	Formulation and Characterization of Taste-masked Films of Cannabis Extract for Active Coating
			Prawinata	
3	13.29-13.41	OST1005	Himanshu Paliwal	Antimycobacterial acivity of nebulized delamanid microemulsion and autophagy of macrophage
				cells
4	13.41-13.53	OST1006	Samamalee Upekshi	Unveiling the binding potential of pregelatinized, acetylated, and oxidized Nymphaea pubescens
			Kankanamge	seed starches in paracetamol tablet formulation via wet granulation
5	14.00-14.12	OST1007	Putri Nabila	Targeted Identification Secondary Metabolite Profile and In Vitro Study of Ethyl Acetate Fraction
			Candraningtyas	of Blumea Balsamifera L. as an Antineoplastic on T47D Cells and Nanosuspension Formulation
				Development
6	14.12-14.24	OST1008	Duy Toan Pham	ECLIPTA PROSTRATA (L.) EXTRACT LOADED SILK FIBROIN NANOPARTICLES AS A POTENTIAL ANTI-
				HYPERGLYCEMIC PHARMACEUTICAL: AN IN-VIVO INVESTIGATION
7	14.24-14.36	OST1010	Lord Sam Barbarona	The potential of liposome and Cold Atmospheric Plasma (CAP) combination for skin penetration
			Liston	enhancement of topical Lidocaine formulation



No.	Time	Register Code	Name	Abstract title
8	14.36-14.48	OST1012	Meenakshi Bhavesh	Development of patient friendly gastroretentive solid dosage form of Cefuroxime Axetil for
			Patel	Paediatric Population - Design, Optimization, and Pharmacokinetic Evaluation
			Coffee break	r, Exhibition, Poster viewing and Presentation
9	15.10-15.22	OST2002	Anthony Rios Marin	DETERMINATION AND EVALUATION OF CRUDE EXTRACTS OF KATMON SIBUYAN (Dillenia
				sibuyanensis, FAMILY: Dilleniaceae) FLOWER AS ANTI-HYPERLIPIDEMIC ON HIGH CHOLESTEROL
				DIET INDUCED-SPRAQUE DAWLEY RATS
10	15.22-15.34	OST2004	Ye Linn Maung	Optimization of Curcuminoids Extraction Using Chitosan:Propylene Glycol NADES: Maximizing
				Yield and Antioxidant Activity
11	15.34-15.46	OST4002	John Jeamel Pabustan	Trichogenic Property of Dalandan (Citrus aurantium) Peel Oil on Shaved Albino ICR Mice
			Igpuara	
12	15.46-15.58	OST4004	Suthathip Ploithoom	Isolation and characterization of chemical constituents from Pinalia densa and evaluation of
				their cytotoxic activity against human prostate cancer cell lines
13	15.58-16.10	OST4005	Penuel Panuel	Green extraction of bioactives from Thai Traditional Plant Clinacanthus nutans (Burm.f.) Lindau
14	16.10-16.22	OST4006	Tandin Zam	Establishment of Punica granatum in vitro culture and analysis of its secondary metabolites
15	16.22-16.34	OST4009	Kodchakorn	The Role of Topical Nicotinamide Adenine Dinucleotide (NAD+) in Alleviating of UVB-induced
			Chukanchitipat	Acute Sun Damage in Mice

#### **ROOM B**

No.	Time	Register Code	Name	Abstract title
1	13.05-13.17	OST1016	May Thu Thu Kyaw	STUDY OF SELF-ASSEMBLED HYALURONIC ACID BASED NANOGEL AS CONTROLLED DRUG DELIVERY AND STABILIZATION SYSTEM
2	13.17-13.29	OST1018	Sonha Seam	Investigation of the Effect of Binding Liquid Composition on the Formation of Montmorillonite- Based Pellets
3	13.29-13.41	OST1020	Thapanee Chinnawong	Development and Evaluation of Antimicrobial Peptide Analogs Derived from BrWUL10 for Bacterial Inhibition
4	13.41-13.53	OST1021	Panatda Wittayanukullack	Optimization and evaluation of Boesenbergia rotunda extract-loaded microemulsion using an experimental design model
5	14.00-14.12	OST1022	Southamany Sisavengsouk	Surface modification of doxorubicin loaded niosomes for targeting HER2-positive breast cancer
6	14.12-14.24	OST1023	Ketsana Bangsitthideth	Optimization of a thermosensitive gel loaded with pomegranate extract for antibacterial and anti-inflammatory topical applications
7	14.24-14.36	OST1024	Todsapon Nitanan	Cytisine tablets the new smoking cessation drug in Thailand: formulation development and clinical researches



8	14.36-14.48	OST1029	IDANAWATI NAHARUDIN	Effect of microwave on water and its crystallization influence on sulfanilamide
				x, Exhibition, Poster viewing and Presentation
9	15.10-15.22	OST4011	Harunchai	Investigation of Trikatu Remedy: Potential Benefits on Anti-Amyloid Beta Activity and Longevity
			Paecharoenchai	in a Caenorhabditis elegans Alzheimer Model
10	15.22-15.34	OST4013	Pandita Chitphet	Optimization Of Total Flavonoid Content, Total Phenolic Content, And Antioxidant Potentials Of
				Aegle marmelos L. Corr. Extracts Across Thailand Floristic Regions: A Comparative Study Using
				Ultrasonic-Assisted Extraction And Heat Reflux Extraction Methodologies
11	15.34-15.46	OST4014	Heyeon Baik	Novel TSP1 Variants as a Diagnostic Biomarker for breast cancer and osteosarcoma for both
				human and canine cells: Role of Phytochemicals in Modulating Tumorigenesis
12	15.46-15.58	OST4019	Apisittipong Srinusud	Encapsulation of Bakuchiol in Microbeads via Coaxial Electrospray
13	15.58-16.10	OST4020	Pornchai Rojsitthisak	Discovery of CXCR4 Inhibitors through Cloud-Based Virtual Screening and In Vitro Validation
14	16.10-16.22	OST4021	Wantida Chaiyana	Enhancement of Cosmeceutical Potential of Glycine max (L.) Merrill Oligopeptides through
				Conjugation with Mannose
15	16.22-16.34	OST5002	Karma Sherub Wangmo	Establishment of indole alkaloids producing in vitro cultures of Mitragyna diversifolia

#### **POSTER PERSENTATIONS**

#### 12 June 2025

No.	Register Code	Name	Abstract title
1	PST1003	Natthan Charernsriwilaiwat	Development of a oral spray formulated with stingless bee propolis and mangosteen pericarp extracts
2	PST1005	Somlak Kongmuang	Formulation and Evaluation of a Diclofenac Sodium Pain Relief Stick Using a Eutectic Mixture System
3	PST1007	Ekapol Limpongsa	In Vitro Release Characteristics of Diarylheptanoids from Mucoadhesive Gels Containing Curcuma comosa extract
4	OST1009	Pantakarn Jarunyakorn	Solvent Mixture Effects on the Characteristics of Silymarin-Loaded Niosomes
5	OST1011	Prapaporn Boonme	Permeation Flux and Skin Retention of Itraconazole Formulated in Forms of Microemulsions and Microemulsion-Based Gels
6	PST1013	PADUNGKWAN CHITROPAS	Thermal Treated Mung Bean Starch Used as Binder and Disintegrant in Wet Granulation Tablet



No.	Register Code	Name	Abstract title
7	PST1015	Malai Satiraphan	Development and Evaluation of a Povidone-iodine Throat Spray: Physicochemical Properties and Stability
8	PST1017	Malina Thepphaya	Development and Characterization of Tablets Prepared from Directly Compressible Piroxicam- Impregnated Neusilin® US2 Composites by Using Fluidized Bed Impregnation
9	OST1019	Chatchapong Tangjidapichai	Process Optimization of Butyric Acid-Conjugated Hyaluronic Acid Nanoparticles Loading Curcumin for Colorectal Cancer Therapy
10	PST1020	Kritsanaporn Tansathien	Innovative blending of PVA/HA-dissolving microneedles containing Acanthus ebracteatus Vahl. stem extract for antioxidant activity
11	PST1022	Kanokphan Kulprueksri	THE EFFICACY OF DIFFERENT HYPERDILUTED CALCIUM HYDROXYLAPATITE FOR THE TREATMENT OF HORIZONTAL NECK WRINKLE
12	PST1024	Duangratana Shuwisitkul	Influence of polymer molecular weight on physical properties and cytotoxicity of folic acid conjugated hyaluronic acid nanoparticles loading curcumin
13	PST1026	Peera Tabboon	Influence of pharmaceutical solvents on improving intestinal permeation of mitragynine
14	PST1030	Boonyadist Vongsak	Optimization of Stingless Bee Propolis Solubility with PVP K30
15	PST2003	piyanuch rojsanga	Green and Rapid Stability-Indicating Method for Determination of Rosmarinic Acid in Thunbergia Laurifolia Leaf Extract
16	PST2006	Chirattikan Maicheen	α-Glucosidase inhibitory activity of chromone derivatives
17	PST2008	Poomraphie Nuntawong	Bioassay-Guided Isolation of an Allelochemical from Juglans mandshurica and Its Effects on Plant Transcriptome
18	PST2011	Jira Jongcharoenkamol	Phytochemical Investigation and Bioactive Potential of Ethanolic Extract from Ko-klan: Insights into Its Antioxidant and Anti-inflammatory Effects
19	PST2013	Saowapak Vchirawongkwin	Development of a Microcontroller-Driven Automated Titration System for Pharmaceutical Analysis
20	PST2016	Sanghee Kim	Discovery of a Triterpenoid Zj7 as GR Modulator Targeting Non-Classical GRE with Potent Anti- Obesity Activity
21	PST2018	narumol phosrithong	Exploring the Antioxidant and Anti-Inflammatory Potential of Suaeda maritima Extract
22	PST3002	Worawut Kriangkrai	Effects of magnolia bark extract and hydrated silica concentrations on the performance of compressed toothpaste tablets
23	PST3005	Siriporn Yukuntorn	The functional analysis of UGT1A1*80 and *93 polymorphisms on deferasirox metabolism and transcriptional regulation



No.	Register Code	Name	Abstract title
24	PST3007	Wattanaporn Sumida	Erythroid Differentiation Regulator 1 (Erdr1) as a Regulator of Neuronal GSH Synthesis
25	PST3010	Krittamate	Analysis of the Effects of the Main Components of Platelet-Rich Plasma on Pain-Related
		Chatdamrongsakool	Diseases Using Network Pharmacology
26	PST3012	Orawin Prangsaengtong	The Piper sarmentosum Roxb. leaf extract exerts Dipeptidyl Peptidase-IV inhibitory activity in vitro.
27	PST3017	Atittaya Wakwatanyoo	Evaluation of B7-H3 CAR T cells with Distinct Co-stimulation Strategies in Cholangiocarcinoma
28	PST3022	Thitianan Kulsirirat	Evaluation of the pharmacokinetic properties in terms of protein binding assay and
			permeability of andrographolide molecules in synovial membrane cells model
29	PST4002	Supavadee Boontha	Comparative Anticancer Effects of Rutin and Rhein on A549 Lung Cancer Cells
30	PST4004	Shune Lae Yee Soe	Isolation and Identification of Phenolic Compounds from Cylindrolobus mucronatus and Their
			Cytotoxic Activity Against Glioblastoma Cells
31	PST4006	Sorrakan Sutinno	Development of Pyrrolidinyl Diaminopyrimidine Oxide Microemulsion System for Enhancing
			Solubility in Hair Care Applications
32	OST4008	Napat Hunsajarupan	The Role of Topical Nicotinamide Adenine Dinucleotide (NAD+) in Alleviating Short-term Skin
			Damage Following UVB Exposure in Mice
33	PST4009	Nutsawadee Apichatwatana	Box-Behnken Design Optimization for Yield Prediction and Antioxidant Assessment in Koklan
			Remedy Extract Powder Processing
34	PST4011	Hayeun Kim	Rose-geranium Essential Oil and its Bioactive Component Geraniol Exhibit Anti-cancer Effects
			in Colorectal Cancer Cells
35	PST4012	Chayaphat Phechkrajang	Nanofibril cellulose from pineapple core: A sustainable solution for antimicrobial air filtration
36	OST4015	Jukkarin Srivilai	Development of an at-line coupling of LC-QTOF-ESI-MS/MS to steroid 5-alpha reductase
			inhibition assay, a fast bioactive targeting and guided purification of natural complex sample,
			Impatiens balsamina Linn.
37	PST4016	Waranya Neimkhum	Potential of Chinese-Thai herbal extracts as a natural source of antioxidants, anti-
			inflammation, antimicrobial and antifungal compounds
38	PST4018	Sontaya Limmatvapirat	Efficient Extraction of Bioactive Compounds from Momordica charantia L. Using Ultrasound-
			Assisted Optimization and Response Surface Methodology
39	PST4022	Kodpaka Lueadnakrob	Development of Film-Forming Spray Containing Herbal Mixture for Hair Coloring



No.	Register Code	Name	Abstract title
40	PST4025	Chadamon Mookaew	Antioxidant and antityrosinase activities of Morus nigra L. Fruit extract and mixed extract for use as cosmetic raw materials
41	PST4028	Suttida Changprasoed	Antioxidant and Anti-inflammatory Effects of Ipomoea pes-caprae (L.) R.Br. Extracts from Eco- Friendly Extraction
42	PST4030	Thanapohn Apirattanajaroensuk	Development and Stability testing of Spray for the Mouth and Throat containing a Prasa Mawaeng extract
43	PST4032	Pimporn Anantaworasakul	Phytochemical Compositions, Antioxidant, and Anti-aging Activities of Extracts from Persea americana (Avocado) Peel
44	PST4034	Thunyalak Wanna	Cosmeceutical effects of Acacia auriculiformis leaf extracts from environmentally friendly methods
45	PST4036	Watchara Kanjanakawinkul	Enhancing Bioactive Stability and Antioxidant Activity of Gardenia Jasminoides Leaf Extract via Spray Drying Encapsulation for Cosmetic Applications
46	OST5005	Jitaraphol Potiwihok	Evaluation of Picosecond Nd:YAG Laser Parameters on Laser-Induced Optical Breakdown (LIOB) Formation and Tissue Response



#### 13 June 2025

No.	Register Code	Name	Abstract title
1	PST1004	Sakchai Wittaya-areekul	Development of metronidazole-loaded thermosensitive hydrogel for local treatment of periodontitis
2	PST1006	Papassara Changklang	Enhancement of mitragynine skin penetration by natural oils
3	PST1008	Phennapha Saokham	Development and Characterization of Transfersomal Delivery System for Enhanced Skin Permeation of Phycocyanin-C from Spirulina platensis
4	PST1010	Wongsakorn Suchaoin	Development of phosphorylated chitosan/carboxymethylcellulose-gentamicin conjugates nanoparticles as an oral drug delivery system
5	PST1011	Sudaporn Wongwan	Stability of extemporaneously prepared fortified cefazolin ophthalmic solutions in preservative-free vehicles stored at freezer temperatures
6	PST1014	Sinatinee Dulalumpa	Preformulation Study of Montelukast Sodium for The Development of Chewable Tablets
7	PST1016	Soravoot RUJIVIPAT	Moisture Plasticization of Enterically Compression-coated Tablets
8	PST1018	Rattanan Thaitrong	Development of turmeric extract loaded electrospun nanofiber incorporated in lyophilized tablets for gastric floating delivery
9	PST1019	Paveena Wongtrakul	Formulation of a Powdered Mouthwash Enriched with Mangosteen Peel and Nam Dok Mai Mango Leaf Extracts
10	PST1021	Napasorn Weerayuttwilai	Efficacy of calcium hydroxylapatite in hand rejuvenation, a prospective 3-month study
11	PST1023	Somboon Tiranupan	Development of PEG-modified phytosome of naringin for improving physical properties, stability and cytotoxicity in Caco-2 cells
12	PST1025	Napaphak Jaipakdee	Implementation of physically modified waxy starch via planetary ball milling as a mucoadhesive disc matrix
13	PST1027	Tharit Lerdwiriyanupap	Advancing the Innovative Production of Dihydrooxyresveratrol from Artocarpus lacucha to Elevate Thai Herbal Products onto the Global Stage
14	PST2002	Seiichi Sakamoto	Recombinant antibodies-based enzyme-linked immunosorbent assay for Cephalotaxus alkaloid, harringtonine
15	PST2004	Pornnapa Thanomrak	Determination of Anti-aging Amino Acids via High-performance Liquid Chromatography Using 2-Hydroxynapthaldehyde as a Derivatizing Agent
16	PST2007	Suhaila Doloh	Biotransformation of mitragynine to 7-hydroxymitragynine by kratom-associated endophytic fungi



No.	Register Code	Name	Abstract title
17	PST2010	KITTIPONG SITTHISINTHU	Development of a Simultaneous Method for Determination of Loratadine and Desloratadine by High Performance Liquid Chromatography using HILIC Column
18	PST2012	Lawan Siangjong	Anti-inflammatory and antioxidant activities of commercial saffron tea products
19	PST2014	Panadda Phattanawasin	Screening of Colorimetric Reagents for Rapid Detection of Bisacodyl on Paper-based Device
20	PST2017	Parichatr Maneetong	Study on the biological activities of medium-ripe and ripe Pouteria campechiana fruit extracts for use as cosmetic raw materials
21	PST2021	Methawee Duangkaew	Haemagglutinin quantification in Influenza A/Shanghai/2/2013 vaccine by Single-Radial Immunodiffusion Assay using reference standard of Influenza A/Anhui/1/2013 strain during pre-pandemic H7N9 Avian Influenza Vaccine Development
22	PST3004	Achida Jaruchotikamol	Inhibitory Effect of Lupinifolin Alone and in Combination with Indomethacin on Nitric Oxide Production in RAW264.7 Macrophage Cells
23	PST3006	Benjamart Cushnie	Inhibitory effects of hydroethanolic extract from fruits of Terminalia arjuna on glycation and oxidation activities.
24	PST3009	Aurapa Sakulpanich	Differences in Phytochemical Profiles and Antifungal Activities against Cutaneous Pathogenic Fungi of Volatile Oils Extracted from Peels of Fresh and Grilled Citrus hystrix DC. Fruits
25	PST3011	Roongtiwa Srisuphan	Synergistic Anticancer Effects of Sorafenib and O-GlcNAc Transferase Inhibitor OSMI-1 against Hepatocellular Carcinoma Cell Line HepG2 and HuH7
26	PST3016	Penpijcha Chinsawananon	Efficacy of Combination of Polynucleotide and Hyaluronic Acid versus Polynucleotide Alone for the Treatment of Melasma
27	PST3018	Chutipa Suraphan	Development of CAR-T cell manufacturing process using microfluidics-based bioreactor
28	PST3024	Pornthip Waiwut	Clausena harmandiana: Anti-Cancer Effects in vitro and in vivo and Safety in Phase 1 Clinical Trials
29	PST4003	Weluga Bootsongkorn	Screening of Anti-Naegleria fowleri from Lactic Acid Bacteria
30	PST4005	Tasana Pitaksuteepong	Development and Evaluation of Sunscreen Formulations Containing Thai Cinnamon (Cinnamomum bejolghota) Bark Extract: Sun Protection Potential and Synergistic Effects with Commercial UV Filters
31	PST4007	Viriyanka Magha	Enhancing Gel Stability: The Role of Surfactant Ratios, Heating, and Stirring Conditions
32	PST4008	Supawadee Parhira	Antioxidant Activity and Skincare Product Development of Centotheca lappacea Extract
33	OST4010	Kanyawan Harnsiriwattana	Assessing The Efficacy of Nicotinamide Adenine Dinucleotide (NAD+) in Mitigating Chronic Skin Damage Induced by UVB Radiation in Mice



No.	Register Code	Name	Abstract title
34	PST4013	Nuttinee Teerakulkittipong	Development of Lotus (Nelumbo Nucifera) Leaf Tablets for Antihypertensive Applications
35	PST4014	Sunee Channarong	Study of Antiglycation Activities of Young Shoot Leaves of Nine Edible Plants Used in Thai Cuisine as Health Promoter
36	PST4015	Thanyathorn Lohabunditwong	Exploring the Combined Pharmacological Potential of Mimosa pudica L. and Centella asiatica in Hyperglycemic Wound Healing: A Hyperglycemic Planarian Regeneration Model Approach
37	PST4017	Naphatson Chanthathamrongsiri	Extraction and Characterization of Nanocellulose from Post-Distillation of Finger Citron Peel Waste
38	PST4020	Surapol Natakankitkul	Innovative extraction of phenolic compounds from longan seeds through ultrasonic-assisted extraction
39	PST4023	Namphetr Tinkhlongtan	Study on the Antibacterial Activity of Propolis Extract and Propolis-Infused Soap Against Staphylococcus epidermidis
40	PST4027	Pawaranch Wachirasawetkul	Potential of Peristrophe bivalvis (L.) Leaf Extracts for Cosmeceutical Applications: Biological Activity and Safety Profile
41	PST4029	Kasuni Gayathri Ileperuma	Bridelia ovata extract suppresses triple-negative breast cancer cell growth via STAT3 pathway inhibition: An integrated in silico and in vitro study.
42	PST4031	Chanakarn Amphansri	Characterization of Cannabis Flower Wax for Cosmetic Production
43	PST4033	Sarocha Chareegun	Cosmetic Applications of Silk Cocoon Extracts: Enzyme-Assisted Extraction and Development of Nanostructured Lipid Carriers
44	PST4035	Saranya Juntrapirom	Ultrasonic-Assisted Extraction and Determination of Bioactive Compounds in Ipomoea pescaprae Leaf as a Cosmeceutical Product Containing Anti-Inflammatory and Antioxidant
45	PST4037	Suvimol Somwongin	Development and Optimization of a Film-Forming Gel Formulation for Cosmetic Applications

#### **Important Announcement for Poster Presenters**

\*Poster presenters who wish to be considered for the Poster Presentation Award are required to submit their e-poster file in PDF format through <a href="https://forms.gle/eGW8BAZT8xiY1ALG9">https://forms.gle/eGW8BAZT8xiY1ALG9</a> by May 31, 2025 and present their work in person during the designated poster presentation session in order to be evaluated by the committee.



<sup>\*\*</sup>Poster presentations will take place on both June 12 and June 13; however, each presenter will be scheduled to present on one of these days only. Presenters are kindly requested to remove their posters at the conclusion of their assigned presentation day.