

Date : 12 Feb 2026				
Session : Natural Products, Biological Chemistry and Chemical Biology				
Room : G2				
Time	Presentation Code	Topic	Presenter	Section
14.30-14.55	NP-K-01	Hybrid anti-cancer nanomedicines based on antibody polymer drug conjugates with increased drug to antibody ratio	Dr. Tomáš Etrych	<b>Oral 1A</b> <b>Chairman:</b> Asst.Prof.Dr.Nungruthai Suphrom <b>Co-Chair:</b> Dr.Nitra Nuengchamnong
14.55-15.20	NP-K-02	Ion mobility-mass spectrometry from bulk profiling to high-resolution spatial metabolomics in <i>Mitragyna speciosa</i>	Assoc. Prof. Dr. Sakda Khoomrung	
15.20-15.45	NP-CST Award-01	Beyond flavonoids: Exploring novel bioactive compounds	Assoc. Prof. Dr. Warinthorn Chavasiri	
15.45-16.00	NP-O-01	Mechanistic insights into the anticancer effects of galloyl–flavonoid conjugates from <i>Boesenbergia rotunda</i> : A Proteomic and apoptotic perspective in human lung cancer cells	Dr. Kraikrit Utama	
16.00-16.10	Coffee Break			
16.10-16.25	NP-O-02	Evaluation of antioxidant activity and phytochemical composition of <i>Hibiscus acetosella</i> L. (Chaba Maple) leaf extract	Ms. Pinkaew Deepoon	<b>Oral 1B</b> <b>Chairman:</b> Dr. Tomáš Etrych <b>Co-Chair:</b> Dr.Nitra Nuengchamnong
16.25-16.40	NP-O-03	Antioxidant and anti-inflammatory activities of <i>Glinus herniarioides</i> and its anti-cancer activity on HepG2 cells	Ms.Alisa Naladta	
16.40-16.55	NP-O-04	Functional characterization of Penaeidin-3 in black tiger shrimp <i>Penaeus monodon</i>	Dr.Suwattana Visetnan	
16.55-17.10	NP-O-05	Hepatic safety assessment of prolonged oral administration of Thai red yeast rice in Sprague–Dawley rats	Ms.Parichat Arayangkoon	

Poster Presentation II : 13 Feb 2026		
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NP-P-01	Diterpene constituents isolated from the rhizome of <i>Kaempferia minuta</i>	Ms. Apinya Kaisoda
NP-P-02	Phytochemical constituents of <i>Stephania elegans</i> Hook. f. & Thomson and their antioxidant activity	Ms.Jittraporn Tipmala
NP-P-03	Determination of anticancer and antioxidant activities of <i>Curcuma globulifera</i> extracts	Ms. Supitcha Techapun
NP-P-04	Antioxidant activity of the crude extracts from rice straw	Dr. Orapan Apirakkan
NP-P-05	Utilizing dimethyl ether as a green solvent for extraction <i>Kaempferia parviflora</i>	Ms.Maria Grasela Kase
NP-P-06	The effect of extraction methods and solvents on the preliminary phytochemical screening, total phenolic content, and antioxidant activity of <i>Mimosa pigra</i> L. leaves	Asst.Prof.Dr. Sukanya Keawsa-ard
NP-P-07	Bioassay-guided isolation of antibacterial compounds from <i>Bauhinia malabarica</i> roots	Ms. Natchaya Sawatdirak
NP-P-08	Efficacy of various extracting solvents on the cytotoxic and anti-inflammatory properties of <i>Centella asiatica</i> in RAW 264.7 and J774A.1 Cell lines	Ms. Anchasa Laodumrongchai
NP-P-09	The secondary metabolites profile of cocoa pod husk ( <i>Theobroma cacao</i> L.) waste extract and its antimicrobial activity against <i>Staphylococcus aureus</i>	Ms.Nantiyapond Thinrung
NP-P-10	Lanostane–meroterpene conjugates with unusual aryl ether linkage and a lanostane dimer from cultivated fruiting bodies of <i>Ganoderma</i> cf. <i>hochiminhense</i>	Ms. Panida Chinthanom
NP-P-11	Anti-bredt-like triterpenoids from mycelial cultures of the edible mushroom <i>Oudemansiella</i> cf. <i>canarii</i>	Ms. Malipan Sappan
NP-P-12	Comparative analysis of pyocyanin production in two environmental <i>Pseudomonas aeruginosa</i> isolates and the influence of amino acid supplementation	Ms. Jittima Ninjinda
NP-P-13	The biochemical effect of erianin on HCT116 colorectal cancer cell line	Mr. Weerapong Numa
NP-P-14	Sesquiterpenes from the soil-derived fungus <i>Trichoderma harzianum</i> PSU-SPSF107	Dr. Praphatsorn Saetang
NP-P-15	Phytochemical composition, bioactivities, and microemulsion formulation of caulerpin-rich extract from <i>Caulerpa lentillifera</i>	Ms.Saranya Sirimahawan

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NP-P-16	Antioxidant activities and total phenolic contents of <i>Cynanchum atratum</i> extracts for potential cosmetic applications	Asst.Prof.Dr. Acharavadee Pansanit
NP-P-18	Functional insights into <i>Tetraponera rufonigra</i> Venom: Phospholipase activity, membrane permeabilization and pain sensitization	Ms. Suwatjane Naeprhai
NP-P-19	Chloroquine inhibits autophagic flux and reveals nuclear LC3 translocation	Ms.Nattanicha Wuttitanuthong
NP-P-20	Analysis of the STR Locus DXS6809 in the Thai male population for forensic applications	Ms. Supapitch Techapun
NP-P-21	Antimicrobial susceptibility of <i>Proteus mirabilis</i> in pediatric patients from Southern Thailand	Ms. Phanvasri Saengsuwan
NP-P-22	Effects of beta-caryophyllene on cell viability and cell metabolism of colorectal cancer and its interaction with hepatocyte	Ms. Natwasa Poorisat
NP-P-23	The effect of iron overload on pre-osteoblast viability and differentiation potential toward osteogenic or adipogenic lineage	Ms. Chanya Chuanchat
NP-P-24	Isolation and Identification of pinitol, quinic acid, and trilobatin from aqueous leaf extract of <i>Lysiphyllum strychnifolium</i>	Ms. Tussaneetorn Chuenpratoom
NP-P-25	Synergistic anticancer activity of nisin and doxorubicin against breast cancer cells	Assoc.Prof.Dr. Panchika Prangkio
NP-P-26	Cloning and expression of recombinant legumain protein from <i>Trichinella spiralis</i>	Ms. Tanaporn Kumpradit
NP-P-27	Dual independent machine learning model for predicting antimicrobial and hemolytic properties.	Ms. Thanatchaya Pruettijarai
NP-P-28	Structural insights into how olive oil-derived fatty acids selectively activate FFARs: A Molecular simulation analysis	Dr. Pemikar Srifa
NP-P-29	Proteomic analysis of 3T3-L1 adipocytes treated with Erianin	Mr. Peeranut Chanmeun
NP-P-30	Design and in silico molecular insights of cardamonin-coumarin Conjugates as fluorescence probes for EGFR detection	Asst.Prof. Dr.Supannika Kawvised