

## POSTER PRESENTATION SCHEDULE

### Poster Presentation Session 1-1

Tuesday June 6, 2021 (15.00 – 16.00)

ID	Title	Presenter
S1-P-01	Discovery of potential compounds for active against coxsackievirus A16 and enterovirus A71 by virtual screening	Amita Sripattaraphan
S1-P-03	The effects of Tomatidine in stimulating mitophagy in human fibroblast	Chonlaphat Sukthanarak
S1-P-05	The effect of porcine placenta extract on cutaneous wound healing in endothelial cells and rat model	Nutthamon Kijchalao
S1-P-07	Screening of novel synthetic agents against <i>Clostridioides difficile</i>	Phurt Harnvoravongchai
S1-P-09	Roles of acetyl-CoA carboxylase 1 in cholangiocarcinoma cells	Saowaluk Saisomboon
S1-P-11	The lack of E2 conjugating enzyme (Pfubc13) effect on the growth and drug sensitivity in asexual blood-stage <i>Plasmodium falciparum</i>	Supawadee Maneekesorn
S1-P-13	Role of lactic acidosis in the metabolic reprogramming in cholangiocarcinoma	Ubonrat Thamrongwaranggoon
S1-P-15	Preliminary evaluation of in vitro cytotoxic effect of non-thermal plasma on fibroblast cells	Waraluk Yarangsee
S1-P-17	Potential targets of hsa-miR-200c-3p microRNA in cisplatin-resistant ovarian cancer	Worachart Lertitthiporn

### Poster Presentation Session 1-2

Tuesday June 6, 2021 (15.00 – 16.00)

ID	Title	Presenter
S1-P-02	Biochemical and genomic analyses of unique <i>Paenibacillus agaridevorans</i> strain isolated from murine host	Chen Jun
S1-P-04	Synergistic effect of FOXM1 inhibitor on 5-FU cytotoxicity in cholangiocarcinoma cell lines	Nathakan Klinhomon
S1-P-06	Identification of the circulating-tumor-cell specific genes in the osteosarcoma	Pattaralawan Sittiju
S1-P-08	Novel detection of IVS I-1 G>T mutation on B-globin gene	Saisiri Mirasena
S1-P-10	Suppression of sialylation increases sensitivity of glioblastoma cells to cisplatin and 5-fluorouracil	Siyaporn Putthisen
S1-P-12	Atorvastatin inhibits expression of programmed death ligand-1 induced by IFN $\gamma$ in HepG2 cells	Thuzar Hla Shwe
S1-P-14	High glucose-ROS conditions enhance the progression in cholangiocarcinoma via upregulation of MAN2A2 and CHD8	Unchalee Thonsri
S1-P-16	Effects of <i>Aloe vera</i> and <i>Morinda citrifolia</i> (Noni) extracts on cell proliferation and alkaline phosphatase activity in human fetal osteoblast cell line	Waraporn Kasekarn

## Poster Presentation Session 2-1

Tuesday June 6, 2021 (15.00 – 16.00)

ID	Title	Presenter
S2-P-01	Role and post-transcriptional regulation of Kunitz-type serine protease inhibitor from the black tiger shrimp <i>Penaeus monodon</i>	Chantaka Wongdontri
S2-P-03	Cloning and expression of dextranucrase from <i>Leuconostoc citreum</i> ABK-1	Kakuttapun Bulan
S2-P-05	Formulation of a phage cocktail derived from nucleus-forming phages targeting AHPND-causing <i>Vibrio parahaemolyticus</i>	Khrongkhwan Thammatinna
S2-P-07	Selection of single-chain antibody variable fragment (scFv) against feline immunoglobulin G for biosensor applications	Natchaya Rasri
S2-P-09	Identification and Bioactivity Testing of the Major Fractioned Compounds from Crude Stevia Ethanolic Extracts	Shotabdy Roy
S2-P-11	ALFPm3-resistance in AHPND-causing <i>Vibrio parahaemolyticus</i> relates to biofilm formation and reduces PirABVP toxin production	Supitcha Wanvimonsuk
S2-P-13	Determination of some phenolic compounds from fermented unpolished black rice with anti-tyrosinase activity	Suttida Kaenboot
S2-P-15	Enhancing transglycosylation activity and thermostability of levansucrase by proline substitution on flexible coil near Ca <sup>2+</sup> binding site	Thanapon Charoenwongpaiboon
S2-P-17	Interaction between Viral Envelope Protein VP28 and PmRab7 Variants through Yeast Surface Display Platform	Vorawit Ananphongmanee

## Poster Presentation Session 2-2

Tuesday June 6, 2021 (15.00 – 16.00)

ID	Title	Presenter
S2-P-02	Antioxidant activity of galangal: effects of cooking methods	Hataichanoke Niamsup
S2-P-04	Identification and functional characterization of MYB transcription factors involved in flavonoid biosynthesis in pulps of durian	Kamonwan Weerawanich
S2-P-06	Identification of factors involved in carotenoid metabolism in durian ( <i>Durio zibethunus</i> ) pulp	Kittiya Tantisuwanchkul
S2-P-08	The thermos- and ethanol tolerance of the isolated yeasts from wastewater for ethanol production	Pongsanat Pongcharoen
S2-P-10	Recombinant protein of calreticulin from <i>Litopenaeus vannamei</i> involved in shrimp immune response	Siriluk Maskaew
S2-P-12	Dynamic of nitrifying bacteria on biofilter during acclimatization period	Surachet Burut-Archanai
S2-P-14	Aluminum uptake, translocation, physiological changes, overall growth inhibition in indica rice genotypes ( <i>Oryza sativa</i> L.) at vegetative stage	Suwanna Phukunkamkaew
S2-P-16	Screening of <i>Bacillus thuringiensis</i> isolates for high levels of Vip3A and Cry proteins and high thermostability to control <i>Spodoptera exigua</i>	Tharathip Hemthanon
S2-P-18	Total phenolic, flavonoid contents and Antioxidant Activity of Thai stingless bee honey ( <i>Tetragonula pegdini</i> ) from different botanical regions in Chanthaburi	Kwanchayanawish Machana

### Poster Presentation Session 4-1

Tuesday June 7, 2021 (14.00 – 15.00)

ID	Title	Presenter
S4-P-01	Induction of <i>Clostridioides difficile</i> L-form	Anchuleerat Maleehuan
S4-P-03	Salt-bridge interaction between K26 and E33 is important for maintaining the stability of ALFPm3	Hafeeza Sakor
S4-P-05	Improving identification of animal secretory proteins	Jiratchaya Nuanpirom
S4-P-07	Converging mechanisms for calcium regulation of SNARE-dependent membrane fusion: EF-hand proteins and copines	Mehedi Hasan
S4-P-09	Induction of cell death in breast cancer MDA-MB-231 by <i>H. cordata</i> Thunb. hexane fraction	Pitsinee Inthi
S4-P-11	Biological activities of crude early immature durian <i>Durio zibethinus</i> fruit extract	putthamas pewlong
S4-P-13	Large-scale analysis of SARS-CoV2 spike protein variants and their impacts in Thailand	Sirawit Ittisoponpisan
S4-P-15	Phylogenetic relationship and population structure of the captive Eld's deer ( <i>Panolia eldii</i> ) in Thailand using genome-wide SNPs derived from restriction site-associated DNA sequencing	Vichayanee Pumpitakkul
S4-P-17	Study of a novel <i>Pseudomonas</i> phage isolated from soil reveals interesting features against <i>Pseudomonas aeruginosa</i>	Wichanan Wannasrichan
S4-P-19	Chitin binding study of a lytic polysaccharide monoxygenase from the marine bacterium <i>Vibrio campbellii</i>	Yong Zhou

### Poster Presentation Session 4-2

Tuesday June 7, 2021 (14.00 – 15.00)

ID	Title	Presenter
S4-P-02	Docking-based virtual screening and pharmacophore analysis of novel GH-20 $\beta$ -N-acetylglucosaminidase inhibitors	Grittin Phengsakun
S4-P-04	Suppression of GADD45a transcription mediated by HPV16 oncoproteins and BRCA1 promotes breast cancer cell migration	Jariya Sangthong
S4-P-06	In silico determination, peptide engineering demonstration, and preliminary docking studies of potential antimicrobial peptides from cocosin-1 against methicillin-resistant <i>Staphylococcus Aureus</i> muramyl E (MurE) ligase	Kuven A. Malig-on
S4-P-08	In silico and in vitro screening of potential repurposed drugs in nasopharyngeal carcinoma	Natta Panomchoeng
S4-P-10	Molecular uptake of antibiotics through the silent chitoporin from <i>Escherichia coli</i> (EcChiP)	Piyakamon Bunkum
S4-P-12	Role of chitooligosaccharide-specific channel in aminoglycoside uptake by the opportunistic pathogen <i>Serratia marcescens</i>	Rawiporn Amornloetwattana
S4-P-14	LHRH-conjugated BinB pore-forming domain for specific targeting to breast cancer cells	Tipaporn Kumkoon
S4-P-16	Cytotoxicity of <i>Vibrio parahaemolyticus</i> AHPND toxin on shrimp hemocytes, a newly identified target tissue, involves binding of toxin to aminopeptidase N1 receptor	Waruntorn Luangtrakul
S4-P-18	The effect of a DGAT inhibitor on triacylglycerol level and chronological lifespan in yeast <i>Saccharomyces cerevisiae</i>	Witawat Handee