

Poster ID	Presenting Author	Abstract Title
Agricultural Biochemistry (P-001 to P-014)		
P-001	Ahmad, W	Regulation of cell cycle and apoptosis by miRNA via jak-stat/akt pathway in white spot syndrome virus-infected shrimp
P-002	Angthong, P	The host-gut microbiota interface in black tiger shrimp (<i>Penaeus monodon</i>) under <i>Vibrio harveyi</i> exposure
P-003	Jaree, P	Transcriptome profiling and intestinal microbiota analysis of <i>Fenneropenaeus merguensis</i> after feeding an ALF-supplemented diet
P-004	Khongsukhon, K	Effect of chitosan deacetylation degree on protein loading and release from chitosan-alginate nanoparticles
P-005	Khumsiri, S	purification of tropomyosin allergen in edible cricket (<i>Gryllus bimaculatus</i>) and edible silkworm (<i>Bombyx mori</i>)
P-006	Miyoshi, M	The tissue distribution and biosynthetic gene for diosgenin, a steroid sapogenin, in japanese yam (<i>Dioscorea japonica</i>)
P-007	Nanakorn, Z	Functional characterization of vago in <i>Penaeus monodon</i> ikk-NF-kb signaling cascade against WSSV
P-008	Oishi, S	Chickpea-derived peptides increased glucose uptake in C2C12 myotubes
P-009	Pinit, S	Effect of smoke water on root promotion under phosphorus deficiency
P-010	Pipattanamaitree, P	Identification of target proteins of bpm protein associated with salt stress response in <i>Arabidopsis thaliana</i>
P-011	Thuankul, B	Transcriptome analysis of WRKY transcription factor associated with durian fruit ripening
P-012	Visetnan, S	Characterization of a novel type-ii crustin (crustinpm2) from black tiger shrimp <i>Penaeus monodon</i>
P-013	Wongdontri, D	Regulation of Ivprosaposin by pva-mir-166 and contributes to hemocytes homeostasis and viral propagation in shrimp
P-014	Yingsunthonwattana, W	Functional characterization of pacific white shrimp <i>Litopenaeus vannamei</i> heat shock protein 90 (lvhsp90) in response to white spot syndrome virus (wssv) infection
Biotechnology (P15-29)		
P-015	Apandi, S.	Optimization of albumin, transglutaminase and proofing time for the preparation of cassava bread using response surface method – central composite design
P-016	Bechayda, J.	Role of cryoprotectants and genetic factors on the survival of <i>Lactiplantibacillus plantarum</i> bs25 during freeze-drying
P-017	Chantakorn, C.	Isolation and characterization of bacteriophage against uropathogenic <i>E. coli</i> (upec) strain cft073
P-018	Ginting, S.	The effect of psyllium on physicochemical and organoleptic properties of yoghurt
P-019	Herwibawa, S	The specific haplotype association of oscul3c with salt response in local thai rice
P-020	Horasio, D	Optimization of YNB (yeast nitrogen base) media composition with calcium, magnesium, and zinc ion supplementation in fermentation process using response surface method
P-021	Khunsanit, P.	Quantitative trait loci validation for qtl-bsa mapping of seedling salt resistance trait in thai salt-tolerant doner line 'jao khao' progenies
P-022	Konpetch, P	Phage depolymerases encoded by a clinical <i>Clostridioides difficile</i> phage isolate: unveiling and characterization for biofilm disruption
P-023	Leejaroen, P	Investigation of xylanases (xyn11) expression in multiple bacteria using plasmid toolset with varying copy-number
P-024	Lintao, R	Chorio-decidual interface-on-chip: a platform for investigating the immunomodulatory role of hla-g in fetal membranes
P-025	Nuinamwong, S	Antioxidant and antidiabetic activities of crude ethanolic extract from the fruiting bodies of sprit gill mushroom (<i>Schizophyllum commune</i>)
P-026	Park, J	Anti-microbial activities of stable recombinant protein fused with functional peptides
P-027	Promariya, A	The functional groups, thermal behaviours, and surface morphology of polyhydroxybutyrate (phb) from arthrospira platensis
P-028	Suzuki, Y	Mass analysis of linkage-isomers of fucose-containing oligosaccharides by high-energy collision induced dissociation
P-029	Ziblim, Z	Plasma surface modification of cellulose-poly (-l)-lactide to immobilize collagen for bone tissue engineering scaffold
Cell Signaling (P30-43)		
P-030	Chiou, J	Onc212 induces slc35f2 expression and noxa-dependent mcl1 degradation through the akt/nox4/hur/atf4 pathway in acute myeloid leukemia
P-031	Gyi, K	<i>Gynostemma pentaphyllum</i> crude extracts and isolated fractions induced cytotoxicity, proliferation suppression and apoptosis on flt3-overexpressing leukemic cells through a mitochondria-dependent pathway
P-032	Khawkhaw, K	Roles of interleukin-1 β in cholangiocarcinoma progression under diabetogenic conditions

P-033	Keeratchamroen, S	Downregulation of p-stat3 overcomes doxorubicin and etoposide resistance in 3d culture
P-034	Lirdprapamongkol, K	Low doses of anticancer drug oxaliplatin increase metastatic potential of human hepatocellular carcinoma cells
P-035	Lee, K	<i>Chrysanthemum boreale makino</i> attenuates hydrogen peroxide-induced oxidative stress in haca2 keratinocytes via MAPK signaling pathway
P-036	Matsushita, S	Analysis of lipid-modification proteins in pancreatic β cells in response to changes in glucose concentration
P-037	Park, M	Dual functional cell plasticity-regulating agent, glycyl-trna synthetase 1 in cancer microenvironment
P-038	Puangpan, N	Promotion of fibroblast migration by cholangiocarcinoma-exosomes and growth arrest-specific 2 like 3
P-039	Tran, P	The effects of bcr-abl inhibitors on the cell cycle regulation of human a375p melanoma cells
P-040	Sarmoko, S	Targeting breast cancer migration: unveiling cucurbitacin e's potential through bioinformatics and <i>in vitro</i> study
P-041	Semba, Y	Tamoxifen derivatives, ridaifens, induce potent cell death accompanied by lysosome accumulation
P-042	Shin, J	Targeting flt3-taz signaling to suppress drug resistance in blast phase chronic myeloid leukemia
P-043	Sopha, P	Dnajb14, the er-located hsp40, is modulated by stress from exposure of the protonophore cccp
Chemical Biology & Drug Discovery (P44-65)		
P-044	Akazawa, H	Cytotoxic activity of triterpenoids from the bark of <i>Pyrus pyrifolia</i> var. culta
P-045	Boontawee, P	<i>In-silico</i> drug discovery for thai natural products inhibiting sars-cov-2 mpro
P-046	Fu, H	A commercial antibody inhibits the action of helicobacter pylori neutrophil-activating protein on
P-047	Jiramongkol, Y	The identification and characterisation of rapid-derived cyclic peptide inhibitors that target the oxygen-sensing enzyme ado
P-048	Kaewkerd, P	Utilizing sugarcane leaves for biosynthesis of zinc oxide nanoparticles: physical properties and antibacterial activity
P-049	Khamto, N	Potential of flavonoids from Thai natural products as SARS-Cov-2 3clpro inhibitor: in silico and experimental perspectives
P-050	Kim, D	Development of dual-labeled peptide for multimodal imaging of EGFR with L858R mutation
P-051	Kim, J	Novel bispecific human antibody platform specifically targeting a fully open spike conformation potently neutralizes multiple SARS-Cov-2 variants
P-052	Laowittawat, C	Cyclic peptide VR27009 inhibits proliferation, migration and invasion of HCT116 and MDA-MB-231 cancer cells through down-regulation of key lipogenic enzymes
P-053	Lee, S	Development and characterization of phage-display-derived novel human monoclonal antibodies against the receptor binding domain of SARS-Cov-2
P-054	Limsakul, P	Development of a mammalian cell library platform for engineering fret biosensors to monitor protein tyrosine kinase activity
P-055	Mahalapbutr, P	Amphotericin b, an antifungal drug as tyrosinase inhibitor with potent anti-melanogenic potential
P-056	Montatip, P	Inhibition of focal adhesion kinase leads to non-apoptotic regulated cell death induction in triple negative breast cancer cells
P-057	Myint, K	Investigating ceritinib's therapeutic potential in cholangiocarcinoma beyond ALK expression/mutation
P-058	Chanarat, S	Andrographolide induces ROS-mediated cytotoxicity, lipid peroxidation, and compromised cell integrity in saccharomyces cerevisiae
P-059	Rojratsombat, S	<i>In silico</i> investigation of inhibitors targeting spike protein of SARS-Cov-2 omicron variant
P-060	Rombel-Bryzek, A.	The effects of mutations N501Y and E484K in the SARS-Cov-2 spike receptor binding motif on the binding affinity of RBM fragments for the ace2 receptor
P-061	Siritutsoontorn, S	Development of zy-444-loaded PLGA-nanoparticles for targeting cancer cells
P-062	Tan, Y	Optimisation and validation of hplc method on assaying serum PEGylated L-asparaginase activity
P-063	Thepmanee, C	Reversal of multidrug resistance by α -mangostin in cisplatin resistant breast cancer cell line
P-064	Ullah, N	Proteomic analysis and broad spectrum antiparasitic activity of organotin (iv) derivatives
P-065	Wu, Y	Suppression of mutant htt gene expression and mitigation of Huntington's disease phenotypes by targeting supt4h/supt5h protein complex
Disease mechanism (P66-84)		
P-066	Andrade, E	Epigallocatechin metabolite by human intestinal bacteria and its impact on miRNA expression on HCT116 cells
P-067	Aye, L	Chemosensitizing activity of polycationic colicin n on cisplatin induced human lung cancer cells

P-068	Chaiyagot, N	The association between serum and urine protein kim-1 levels and SNPS rs6555820 in havcr1 gene and their potential role for chronic kidney disease prediction
P-069	Chantaraamporn, J	Aberrant expressions of cd47 and calreticulin in breast cancer subtypes: promising predictive targets for macrophage-based therapeutics
P-070	Charoenki, P	Contribution of genetic variation and dietary intake to personalized nutrition strategies for obesity prevention in Thai population
P-071	Inson, I	The roles of cannabinoid receptor type 2 in breast cancer and bone interaction
P-072	Khattiya, K	Serum proteomic profiling associated with stromal-derived factor 1-mediated liver fibrosis in HIV infection
P-073	Kong, M.	Hepatic knockdown of ap12 by an anti-sense oligonucleotide alleviates dyslipidemia and atherosclerosis
P-074	Loktumraks, W	Visualization and evaluation of <i>Clostridioides difficile</i> infection in <i>Caenorhabditis elegans</i> using red fluorescent protein (RFP)
P-075	Mohamad, N	Hydroxychavicol in combination with 5-fluorouracil reduces hypoxanthine and xanthine oxidoreductase activity in HT-29 and DLD-1 colorectal cancer cell lines
P-076	Nabi, A	Gender specific association of Apoe and β -3 adrenergic receptor variants in a Bangladeshi population with and without diabetic nephropathy
P-077	Ngiwsara	Molecular basis of inborn error of metabolism diseases in Thai patients: glycogen storage disease and phenylketonuria
P-078	Phetchahwang, P	Exposure to an environmental contaminant perfluorooctane sulfonate (pfos) promotes metastatic potential of follicular thyroid carcinoma cells
P-079	Poonthavee, S	Analyzing the expression levels of Zikv e protein interacting protein encoding genes upon Zikv infection
P-080	Pudelek	Mitofusin-2 dependent metabolic plasticity secures the welfare of glioma cells under chemotherapeutic stress
P-081	Rahman, A	An investigation of the level of reactive oxygen species and the mitochondrial membrane potential in HT-29 and DLD-1 colorectal cancer cells treated with hydroxychavicol combined with 5-fluorouracil
P-082	Rosli, N	Elucidating the mechanism of action of gut microbial metabolites short-chain fatty acids in regulating glucose uptake in L6 rat myoblast cells
P-083	Soimane, T	<i>In vitro</i> model for hepatocyte death and inflammation
P-084	Trasaktaweesakul, T	Characterization of human benign meningioma cells by Fourier transform infrared spectroscopy
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P-091	Davletgildeeva, A	The role of amino acid residues of the active site of human DNA dioxygenase ABH2 in the process of DNA demethylation
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P-095	Kamaruddin, S	Protein engineering of the <i>Glaciozyma antarctica</i> proline iminopeptidase for enhanced cold adaptive performance
P-096	Kladova, O.	Activity of natural polymorphic variants of human DNA polymerase beta
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P-098	Nhaemchei, C	The novel method for chitinase activity assay by electroanalysis with carbon nanotube-modification pencil lead electrode
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P-102	Rasri, N	Expression, purification and kinetic characterization of thymidine kinase from African swine fever virus
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P-109	Kim, W	Pipelongumine regulates genes involved in the skin barrier in epidermal keratinocyte HaCaT cells
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P-111	Kotake, Y	The cell cycle regulation by long noncoding RNAs
P-112	Nihayah, S	Evaluation of apoptosis and proliferation in Survivin-knocked out TNBC cells
P-113	Nontaleerak, B	The role of <i>Agrobacterium tumefaciens</i> nier as a hypochlorite-sensing regulator through a thiol-based redox switch
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Nanotechnology and Regenerative Medicine (P125-137)		
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P-128	Kustiawan, P	Recent advance of the propolis nano formulation potential as anti-cancer agent
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P-144	Lee, C	Structure-based development of a canine TNF- α -specific antibody using adalimumab as a template
P-145	Meesrikaew, P	Structural and functional characterization of a novel oligogalacturonate-specific porin from the marine bacterium <i>Vibrio harveyi</i>
P-146	Phoomak, C	Sr-b: a potential target for lung cancer treatment by diminishing N-linked glycosylation
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P-160	Chaisuriya, P	Label-free quantitative proteomic analysis of nicotine-treated a549 cells reveal a novel key metastatic factor involved in epithelial-mesenchymal transition
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