

## INFORMATION FOR POSTER PRESENTATION

Time for poster attachment & location:

The location for poster attachment will be specified according to Abstract ID (e.g. A1\_099\_PA, C2\_070\_PF) at the congress venue (General Sampao Choosri Building, Room E4A-515/516/517).

The Abstract ID can be found in the Program Book. Time for poster attachment is as follows:

Session	Date	Time
POSTER ATTACHMENT (E4 BUILDING, ROOM 515/516/517)	Sunday 6 <sup>th</sup> October 2019	13.30-16.30
	Monday 7 <sup>th</sup> October 2019	14:00-15:30
POSTER REMOVAL (E4 BUILDING, ROOM 515/516/517)	Wednesday 9 <sup>th</sup> October 2019	11:45-12:15
REQUEST FOR ATTENDANT CERTIFICATE (REGISTRATION DESK)	Monday 7 <sup>th</sup> October 2019	15:00-16:00
	Tuesday 8 <sup>th</sup> October 2019	09:00-16:00
DISTRIBUTION OF ATTENDANT CERTIFICATE (REGISTRATION DESK)	Wednesday 9 <sup>th</sup> October 2019	11:30-12:30

Poster sessions:

Participants are expected to be at their posters according to the date and time assigned.

Session	Date	Time
POSTER SESSION A/B/C/G	Monday 7 <sup>th</sup> October 2019	15:30-17:00
	Tuesday 8 <sup>th</sup> October 2019	12:30-13:30
		16:00-17:30
POSTER SESSION D/E/F/H	Tuesday 8 <sup>th</sup> October 2019	12:30-13:30
		16:00-17:30
	Wednesday 9 <sup>th</sup> October 2019	10:30-12:00

## SESSION A: AGRICULTURAL SCIENCE / BIOTECHNOLOGY

ID	Title	Presenter
A_003_PA	DEVELOPMENT OF REVERSE TRANSCRIPTION-LOOP-MEDIATED ISOTHERMAL AMPLIFICATION FOR DETECTION OF TILAPIA LAKE VIRUS	Rapheephat Suvannakad
A_004_PA	DEVELOPMENT OF A ONE-STEP LAMP COLORIMETRIC METHOD FOR DETECTION OF PHYTOPLASMA, CAUSE OF SUGARCANE WHITE LEAF DISEASE	Sukanya Pengpanich
A_005_PA	THE POTENTIAL OF THAI THERMOTOLERANT YEAST ISOLATES <i>Pichia kudriavzevii</i> FOR BIOETHANOL PRODUCTION	Pongsanat Pongcharoen
A_006_PA	INVESTIGATION OF MICRONUTRIENTS IN SELECTED THAI RICES USING SYNCHROTRON BASED TECHNIQUES	Nuttawan Pramanpol
A_008_PA	DEVELOPMENT OF STRIP TEST FOR DETECTION OF SERUM PROGESTERONE IN SWINE	Umaporn Pimpitak
A_009_PF	EVALUATION OF FORMIC ACID IN CONTROLLING <i>Tropilaelaps</i> MITES IN LABORATORY	Puncharat Promsuvong
A_010_PF	EFFICACY OF NATIVE PLANT EXTRACTS (GINGER AND MARIGOLD) IN CONTROLLING RICE WEEVIL: <i>Sitophilus oryzae</i> L.	Kanchana Kiriyaadee
A_011_PA	CONSTRUCTION OF BIOCIDES-INDUCIBLE PROMOTER DRIVEN FLUORESCENCE GENE EXPRESSION FOR DETECTING PARAQUAT CONTAMINATION	Adisak Romsang
A_012_PA	PRODUCTION OF A MONOCLONAL ANTIBODY AGAINST CASEIN FOR PREPARATION OF THE ELISA TEST KITS	Songchan Puthong
A_014_PA	EFFECT OF WATER COLORS ON DIGESTIBILITY OF ASIAN SEABASS ( <i>Lates calcarifer</i> Bloch) JUVENILE IN AQUAPONIC REARING SYSTEM	Prachaub Chaibu
A_015_PA	A NOVEL COMPOSITE FROM PAPER WASTE AND SOYBEAN WASTE: PREPARATION AND PROPERTIES	Sa-ad Riyajan
A_020_PF	ANTIFUNGAL ACTIVITY OF CRUDE EXTRACTS FROM LICHEN <i>Parmotrema tinctorum</i> (Despr. ex Nyl.) Hale AGAINST <i>Pythium</i> spp. CAUSAL AGENTS OF DAMPING-OFF DISEASE OF MARIGOLD ( <i>Tagetes erecta</i> L.)	Muthita Molsil
A_021_PA	IMPROVEMENT OF FERMENTED FISH (NAM-PLA) BY USING COLORING AGENT FROM <i>Monascus</i> sp. NP1	Kangsadan Boonprab
A_023_PF	DETECTION OF <i>atzB</i> GENE IN TROPICAL <i>Trichoderma harzianum</i> ISOLATED FROM ATRAZINE CONTAMINATED SOIL IN CENTRAL REGION OF THAILAND	Gun Anantasomboon
A_024_PA	THE ALLELOPATHIC EFFECT OF EXTRACT FROM AGRICULTURAL RESIDUES ON SEED GERMINATION AND SEEDLING GROWTH OF WEED IN PADDY FIELD	Itthipol Sungwienwong
A_025_PA	SCREENING AND ISOLATION OF LIPASE PRODUCING MICROORGANISMS FROM LIPID-RICH FOOD WASTE	Panaya Kotchapalai
A_027_PF	ANTIMICROBIAL ACTIVITY OF A NISIN-CONTAINING BACTERIAL CELLULOSE FILM FROM RICE WASHING DRAINAGE (RWD)	Phimchanok Jaturapiree

ID	Title	Presenter
A_029_PF	WHICH IS THE SUITABLE TRANSPLANTED FRAME FOR CULTIVATING THE LICHEN <i>Parmotrema tinctorum</i> FOR SUSTAINABLE UTILIZATION?	Mongkol Phaengpdech
A_032_PA	EFFECT OF HAIRY BASIL STRAW SUBSTRATE ON GROWTH AND YIELD OF GREY OYSTER MUSHROOM	Thanaporn Wichai
A_033_PA	THE <i>Indica-japonica</i> CLASSIFICATION OF UPLAND RICE VARIETIES	Phijittra Umalee
A_034_PA	CHARACTERIZATION OF GASTRIC SURVIVAL TEST OF <i>Lactobacillus kunkeei</i> FROM EUROPEAN FARM BEE IN THAILAND	Theerakarn Srisangsung
A_035_PA	EFFECTS OF RIBOSOMAL PROTEIN S3a (RPS3a) ON WSSV INFECTED WHITE SHRIMP ( <i>Litopenaeus vannamei</i> )	Panchalika Deachamag
A_036_PA	CHARACTERIZATION OF SOME PROBIOTIC PROPERTIES OF <i>Lactobacillus kunkeei</i> FROM EUROPEAN FARM BEE IN THAILAND	Tasane Kham-oun
A_039_PA	<i>In vitro</i> EFFICACY OF TPI SYNBIOTICS AGAINST LIVESTOCK AND AQUATIC ANIMALS BACTERIAL PATHOGENS	Channarong Rodkhum

## SESSION B: BIOLOGICAL SCIENCE

ID	Title	Presenter
B1_002_PA	ANTIOXIDANT EFFECT OF <i>Caesalpinia sappan</i> HEARTWOOD EXTRACT ON HYDROGEN PEROXIDE-INDUCED OXIDATIVE STRESS IN HUMAN LUNG FIBROBLASTS (MRC-5 CELLS)	Aylada Kaenu
B1_005_PA	ANTIMICROBIAL ACTIVITIES OF CARCININ <i>Pm</i> FROM BLACK TIGER SHRIMP	Suchao Donpudsa
B1_006_PA	STUDY OF COPPER BINDING TO LYTIC POLYSACCHARIDE MONOOXYGENASE FROM <i>Vibrio harveyi</i>	Yong Zhou
B1_007_PF	<i>Aquilaria crassna</i> LEAVE CRUDE EXTRACT ENHANCES GLUCOSE CONSUMPTION AND DECREASES GLUCONEOGENESIS IN HEPG2 CELLS	Phanupol Mongkolsiri
B2_002_PA	CHARACTERISATION OF BACTERIOPHAGE TN3 ISOLATED FROM THUA NAO, A THAI FERMENTED SOYBEAN	Ekachai Chukeatirote
B2_003_PF	ISOLATION AND PHYSIOLOGICAL CHARACTERIZATION OF BENEFICIAL ANAEROBIC MICROBIOTA IN COMMERCIAL CHICKEN GUTS	Benya Nontaleerak
B2_011_PF	ANTIBACTERIAL AND ANTIBIOFILM ACTIVITIES OF RAMBUTAN ( <i>Nephelium lappaceum</i> L.) PEEL EXTRACT ON <i>Vibrio parahaemolyticus</i> AND <i>Escherichia coli</i> ISOLATED FROM FOODS	Tittita Aksonkird
B2_012_PA	ANTI-ENTEROVIRUS 71 SUBGENOTYPE B5 ACTIVITIES OF DIFFERENT PARTS OF <i>Oroxylum indicum</i> <i>In vitro</i>	Thongkoon Priengprom
B2_013_PA	ANTIBACTERIAL ACTIVITY OF CRUDE EXTRACTS FROM <i>Xylaria psidii</i> (SDBR- CMU308) AND PURIFICATION OF ITS EXTRACTED METABOLITES	Pichamon Srisawad
B2_014_PA	SELECTION OF PHAGE DISPLAY HUMAN SCFV SPECIFIC TO <i>Pseudomonas aeruginosa</i>	Sanruethai Pongsakunpassorn
B2_015_PA	BINDING OF SPECIFIC PHAGE DISPLAY HUMAN scFv TO <i>Escherichia coli</i>	Worawit Mawongwan

ID	Title	Presenter
B3_001_PF	DRAF INTESTINE MICROBIOTA OF SEA CUMBER ( <i>Stichopus horrens</i> ) FOR AQUACULTURE SYSTEMS	Wachira jaengkhaao
B3_002_PA	IMMUNE RESPONSE OF MICE VACCINATED WITH COMBINE VACCINE CONTAINING RECOMBINANT <i>Fasciola gigantica</i> saposin-LIKE PROTEIN 2 AND LEUCINE AMINOPEPTIDASE	Werachon Cheukamud
B3_003_PF	PHYSIOLOGICAL FUNCTION ANALYSIS OF NOVEL GENE CASSETTE CONFERRING PARAQUAT SUSCEPTIBILITY IN <i>Pseudomonas aeruginosa</i>	Chanapimon Keerathiwattanarat
B3_004_PA	CLONING OF ASPARAGINYL ENDOPEPTIDASE OR LEGUMAINS 3 FROM <i>Fasciola gigantica</i>	Phawiya Suksomboon
B3_007_PA	MOLECULAR CLONING OF SERINE PROTEASE END CODING GENE FROM <i>Fasciola gigantica</i>	Komsil Rattanasroi
B3_009_PF	ANTIMICROBIAL ACTIVITY AND A NEW COMPOUND FROM <i>Fusarium oxysporum</i>	Supawan Meena
B3_011_PF	EXPRESSION ANALYSIS OF <i>Drosophila melanogaster</i> INNATE IMMUNITY GENES DURING <i>Pseudomonas aeruginosa</i> INFECTION	Chutimon Tangaiad
B3_012_PF	TRANSCRIPTIONAL RESPONSES OF <i>Pseudomonas aeruginosa</i> TO REACTIVE CHLORINE STRESS	Nannipa Phuphuripan
B3_013_PF	FUNCTIONAL CHARACTERIZATION OF A GENE ENCODING A PUTATIVE GLUTATHIONE S-TRANSFERASE ON METAL AND ANTIMICROBIAL RESISTANCE IN <i>Pseudomonas aeruginosa</i>	Thanaphat Auwattanamongkol
B4_002_PA	CHIMERIC ANTIGEN RECEPTOR (CAR) T CELL AGAINST CHRONIC HEPATITIS C VIRUS INFECTION	Monrat Chulanetra
B4_003_PA	DEVELOPMENT OF REAL-TIME LAMP FOR QUANTIFICATION OF URINE IP-10 MRNA BIOMARKER OF LUPUS NEPHRITIS USING A PORTABLE TURBIDIMETER	Jantana Kampeera
B4_004_PA	COMBINED LOOP-MEDIATED ISOTHERMAL AMPLIFICATION AND LATERAL FLOW DIPSTICK FOR SENSITIVE DETECTION OF <i>Mycobacterium tuberculosis</i>	Pakapreud Khumwan
B4_005_PF	OPTIMISATION OF HIGH RESOLUTION MELTING CURVE ANALYSIS (HRMA) TO DETECT MUTANT CALRETICULIN IN <i>JAK2</i> NEGATIVE MYELOPROLIFERATIVE NEOPLASM PATIENTS	Htoo Pyei Hlaing
B4_006_PA	ANTICANCER ACTIVITY OF STILBENE DERIVATIVES FROM PEANUT HAIRY ROOT CULTURE ON CHOLANGIOCARCINOMA	Donruetai Thalapphet
B4_008_PF	THE STUDY OF UT2B17 POLYMORPHISM IN REPRESENTATIVE THAI MUSLIM POPULATION IN SONGKHLA PROVINCE	Sirikanya Anantasena
B4_009_PF	BIOLOGICAL ACTIVITIES OF PAPER MULBERRY EXTRACT ( <i>Broussonetia papyrifera</i> (L.) Vent.)	Orawan Wanachewin
B4_010_PA	SELECTION OF SPECIFIC ANTIBODIES AGAINST ADVANCED GLYCATION END PRODUCTS (AGEs)	Rungthiwa Tosaard
B4_011_PA	THE INHIBITION OF ADVANCED GLYCATION END PRODUCTS FORMATION BY SOME VEGETABLES	Areerat Ruankham
B5_001_PA	GENETIC DIVERSITY OF THE ORIENTAL GARDEN LIZARD <i>Calotes versicolor</i> (Daudin, 1802) IN NORTHERN THAILAND	Watee Kongbuntad
B5_003_PA	PRELIMINARY ANATOMICAL CHARACTERS IN GENUS <i>Kadsura</i> (SCHISANDRACEAE) IN THAILAND	Kwanchanok Virasiri

ID	Title	Presenter
B5_005_PA	PLANT DIVERSITY OF DOI NGAM, MAE FAH LUANG UNIVERSITY	Jantrararuk Tovanante
B5_007_PA	PRELIMINARY RESULTS OF THE PLANT DIVERSITY SURVEY, PHA HUNG LIMESTONE MOUNTAIN, MAE SAI DISTRICT, CHIANG RAI PROVINCE	Suchaphat Kongthong
B5_009_PA	ABUNDANCE AND COMPOSITION OF JUVENILE CORALS IN MU KO CHANG AND MU KO SAMET, THE EASTERN GULF OF THAILAND	Wanlaya Klinthong
B5_010_PA	LICHEN FAMILY GRAPHIDACEAE IN MANGROVE FOREST OF PRACHUAP KHIRI KHAN AND PHETCHABURI PROVINCES	Vasun Poengsungnoen
B5_011_PA	THE RECOVERY POTENTIAL OF CORALS IN MU KO ANGTHONG, SURAT THANI PROVINCE, THE GULF OF THAILAND	Charernmee Chamchoy
B5_012_PA	ASSESSING FORAMINIFERA ABUNDANCE ON CORAL COMMUNITIES IN CHUMPHON PROVINCE, THE WESTERN GULF OF THAILAND	Sirirat Jaihar
B5_013_PA	POPULATION DENSITY OF THE GIANT CLAMS <i>Tridacna</i> spp. ON SHALLOW REEF FLATS IN THE WESTERN GULF OF THAILAND	Siriluck Rongprakhon
B5_014_PA	DISTRIBUTION AND POPULATION DENSITY OF THE SEA URCHIN <i>Diadema setosum</i> ON SHALLOW REEF FLATS IN THE WESTERN GULF OF THAILAND	Ploypailin Rangseethampanya
B5_015_PA	SPECIES DIVERSITY AND COMMUNITY STRUCTURE OF CORALS ON SHALLOW REEF FLATS IN CHUMPHON PROVINCE, THE WESTERN GULF OF THAILAND	Wiphawan Aunkhongthong
B5_016_PA	COMPARING ABUNDANCE AND COMPOSITION OF INFAUNA ON SANDY BEACH AND CORAL REEF COMMUNITIES AT KO MATTRA, THE WESTERN GULF OF THAILAND	Laongdow Jungrak
B5_017_PA	SEASONAL VARIATION OF PHYTOPLANKTON AT HAT PAK MENG, THE ANDAMAN SEA	Orathep Mue-suea
B5_018_PA	PROTECTION OF COASTAL EROSION BY CORAL REEFS IN THE EASTERN GULF OF THAILAND	Arirush Wongnutpranont
B5_019_PA	DIVERSITY OF LICHENS GENUS <i>Artonia</i> IN MANGROVE FOREST OF EASTERN THAILAND	Mattika Sodamuk
B5_020_PF	DIVERSITY OF FOLIICOLOUS LICHENS ON <i>Acrostichum aureum</i> L. IN MANGROVE FOREST FROM CHUMPHON PROVINCE	Udomrak Meethong
B5_021_PA	THE CRUSTOSE LICHEN FAMILY PYRENULACEAE FROM KOH KOOD, TRAT PROVINCE	Supattara Phokaeo
B5_022_PA	DIVERSITY OF BASIDIOLICHENS ON KOH KOOD, TRAT PROVINCE	Phimpha Nirongbut
B5_023_PA	ASSESSING IMPACTS OF MARINE DEBRIS ON CORAL COMMUNITY AT AN UNDERWATER PINNACLE IN CHUMPHON PROVINCE	Sittiporn Pengsakun
B5_024_PA	A PRELIMINARY STUDY ON LICHEN LITTERFALL IN A TROPICAL SECONDARY FOREST IN THAILAND	Pitakchai Fuangkeaw

ID	Title	Presenter
B5_025_PF	BIODIVERSITY OF DISCOLICHEN IN MANGROVE FOREST AT CHUMPHON PROVINCE, THAILAND	Phimpisa Phraphuchamnong
B5_026_PA	EFFICACY OF ENDOPHYTIC FUNGI ON INHIBITING GROWTH OF GRAY LEAF SPOT DISEASE ( <i>Stemphylium solani</i> ) IN TOMATO	Thanyarat Onlamun
B5_027_PA	THE EFFECT OF FUNGAL ENDOPHYTES, <i>Xylaria feejeensis</i> , SRNE2BP ON SEED GERMINATION AND SEEDLING VIGOR OF SPINACH AND TOMATO	Pichayaporn Junmaha
B5_028_PF	SYSTEMATIC REVIEWS OF RHINOBATIFORMES IN THAI WATERS BASED ON 80 MORPHOMETRIC CHARACTERS	Apinya Huskul

## SESSION C: CHEMISTRY

ID	Title	Presenter
C1_002_PF	A CHEMICAL SENSOR FOR FORMALDEHYDE DETECTION USING NITROGEN-DOPED GRAPHENE QUANTUM DOTS	Teerapong Jantarat
C1_003_PF	IN-HOUSE METHOD VALIDATION FOR TOTAL ACID NUMBER IN BIODIESEL BY POTENTIOMETRIC TITRATION	Songsuda Promthong
C1_004_PA	DETERMINATION OF IODINE VALUE IN COOKING OIL	Pimpimol Phukpattaranont
C1_005_PA	DETERMINATION OF COENZYME Q10 IN FISH BLOOD WASTE BY MEANS OF HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	Wilairat Cheewasedtham
C1_007_PF	ENANTIOMERIC SEPARATION OF 1-PHENYLALKANOLS BY GC USING METHYLATED BETA-CYCLODEXTRIN CHIRAL STATIONARY PHASE	Suchada Muangsri
C1_008_PA	COMPARATIVE STUDY OF CHEMICAL CONTENTS IN DIFFERENT COFFEE LEAVES VARIETIES	Saowaluk Madkoksung
C1_009_PA	HIGH BIOACTIVE COMPOUNDS IN COFFEE CHERRY HUSK TEA	Kanchana Watla-iad
C1_010_PF	ALTERNATIVE COLORIMETRIC DETERMINATION OF 2-NAPHTHOL FOR SCREENING OF ALPHA-GLUCOSIDASE ASSAY	Lalida Chanchaem
C1_011_PA	PRECONCENTRATION AND TRACE DETERMINATION OF COPPER (II) IN THAI FOOD RECIPES USING Fe <sub>3</sub> O <sub>4</sub> @Chi-GQDS NANOCOMPOSITES AS A NEW MAGNETIC ADSORBENT	Nunticha Limchoowong
C1_012_PF	APPLICATION OF SILVER AMALGAM ELECTRODE FOR ANODIC STRIPPING VOLTAMMETRIC DETERMINATION OF CADMIUM IN CONTAMINATED SOIL AND PLANT	Mangheny Godfrey
C1_013_PF	PAPER-BASED LINER FOR HEADSPACE COLORIMETRIC DETERMINATION OF VOLATILE COMPOUNDS	Kamonwan Meesuan
C1_014_PA	ELECTROCHEMICAL ACTIVATION OF CARBON SURFACES	Treerawat Sangsrijan
C2_001_PF	SYNTHESIS AND CHARACTERIZATION OF A FLUORESCENT CHEMOSENSOR BASED ON ANTHRAQUINONE DERIVATIVE FOR METAL IONS DETECTION	Chawanakorn Kongsak
C2_003_PA	SLOW-RELEASE OF CAPSAICIN FROM A ZIF-8 FRAMEWORK AS TOPICAL APPLICATION	Christoph Sontag
C2_005_PF	SYNTHESIS OF TiO <sub>2</sub> -SiO <sub>2</sub> COMPOSITE AND ITS APPLICATION AS A PHOTOCATALYST FOR OXIDATIVE DESULFURIZATION	Tu Thi Phuong Nguyen

ID	Title	Presenter
C2_006_PF	CYTOTOXICITY OF GOLD(III) PORPHYRIN COMPLEXES AND THEIR DERIVATIVE ON MCF7 CELL LINES	Tossapon Phromsatit
C2_007_PA	BIODIESEL PRODUCTION USING NANOMAGNETIC CaO-BASED CATALYSTS WITH METHANOL TRANSESTERIFICATION OF USED PALM OIL	Chalisa Visvajit
C2_008_PF	COUMARIN-BASED SEMICARBAZIDE AS "TURN-OFF" FLUORESCENT SENSOR FOR Cu <sup>2+</sup> DETECTION	Pichayanan Srisuwan
C2_009_PA	GREEN SYNTHESIS OF SILVER AND GOLD NANOPARTICLES USING PEONY ( <i>Paeonia Lactiflora</i> ) PETAL EXTRACT AND THEIR ANTIOXIDANT AND ANTIMICROBIAL PROPERTIES	Sasikarn Teepakornwornkul
C2_010_PA	SYNTHESIS, CHARACTERIZATION AND PHOTOPHYSICAL PROPERTY OF HETEROARYL CHALCONE DERIVATIVES	Parichart Sornwai
C2_011_PA	SYNTHESIS, CHARACTERIZATION AND PHOTOPHYSICAL PROPERTY OF PYRAZOLINE DERIVATIVES	Thitipone Suwanwong
C2_012_PA	SYNTHESIS OF PYRAZOLINE DERIVATIVE AS FLUORESCENT SENSOR FOR Hg <sup>2+</sup> and Pb <sup>2+</sup> IONS	Narumon Phonrung
C3_001_PA	CHEMICAL CONSTITUENTS FROM THE AERIAL PARTS OF <i>Euphorbia antiquorum</i> L.	Jirapast Sichaem
C3_002_PF	QUANTITATIVE DETERMINATION OF PHENOLIC AND TANNIN CONTENTS AND ANTIOXIDANT ACTIVITY OF PAPER MULBERRY	Banthot Chomsawan
C3_003_PF	SYNTHESIS AND CYTOTOXICITY OF TETRAHYDROCURCUMIN PYRAZOLE INDOLE DERIVATIVES	Vachiraporn Ajavakom
C3_004_PF	FORMALDEHYDE FLUORESCENT SENSORS FROM 1,8-NAPHTHALIMIDE DERIVATIVES	Apicha maharat
C3_006_PF	DESIGN AND SYNTHESIS OF OFF/ON FLUORESCENT pH SENSOR BASED ON RHODAMINE 6G	Siriphong Somprasong
C3_007_PF	XANTHONES FROM THE ROOTS OF <i>Cratoxylum cochinchinense</i>	Peeravat Natrsanga
C3_008_PF	DEVELOPMENT OF AN ASYMMETRIC DIELS-ALDER REACTION OF <i>O</i> -NAPHTHOQUINONE	Watcharapon Prasitwatcharakorn
C3_009_PA	TOTAL SYNTHESIS OF CAERULOMYCIN A	Rungnapha Saeeng
C3_012_PA	SYNTHESIS OF LITHOCHOLIC ACID HYDRAZONE DERIVATIVES AND THEIR <i>In vitro</i> CYTOTOXIC ACTIVITY	Patchanee Charoenying
C3_014_PF	CHEMICAL CONSTITUENTS OF <i>Garcinia cowa</i> LEAVES	Piyaporn Phukhatmuen
C3_015_PA	A LABEL-FREE APPROACH FOR APTAMER-BASED FLUORESCENCE DETECTION OF MERCURY(II)	Duangkamol Tiarpattaradilok
C3_016_PF	CHEMICAL SYNTHESIS OF GLYCOSYL DITHIOCARBAMATE USING LACTOSE ISOLATED FROM WHEY AS PRECURSOR	Pranpariya Ponpakdee
C3_017_PA	FLAVONES FROM THE TWIG EXTRACTS OF <i>Pongamia pinnata</i>	Jirativat Nanthachan
C3_018_PF	POTENT VASORELAXANT CAGED POLYPRENYLATED XANTHONES FROM THE RESIN OF <i>Garcinia hanburyi</i>	Rungnapa Noina
C3_020_PA	(+)-ELEUTHERINE: A POTENTIAL ANTI-CARIES AGENT FROM THE RHIZOMES OF <i>Eleutherine bulbosa</i> (Mill.) Urb	Ritbey Ruga
C3_021_PA	POLYOXYGENATED CYCLOHEXANE DERIVATIVES FROM THE STEMS OF <i>Uvaria curtisii</i>	Abdulwahab Salae

ID	Title	Presenter
C4_002_PA	THERMAL RESPONSE OF LIPOPROTEIN NANODISCS BY COARSE-GRAINED MOLECULAR DYNAMICS SIMULATIONS	Warin Rangubpit
C4_004_PF	MOLECULAR DOCKING STUDIES OF DONEPEZIL-COUMARIN HYBRID AS NOVEL MULTI TARGET hAChE AND hMAO-B INHIBITORS	Charinee Thonthong
C4_005_PF	LASER-INDUCED BREAKDOWN SPECTROSCOPY STUDY OF RED-COLORED ANCIENT GLASS BEADS FROM KHLONG THOM ARCHAEOLOGICAL SITE	Pisutti Dararutana
C4_006_PA	THE USE OF A SOLVENT MIXTURE TO STUDY THE INFLUENCE OF DIELECTRIC PROPERTIES ON PHOTOINDUCED ELECTRON TRANSFER REACTIONS	Patcharanan Choto

## SESSION D: POLYMER & MATERIALS SCIENCE / NANOTECHNOLOGY

ID	Title	Presenter
D_001_PF	ZINC OXIDE DOPED WITH OXIDE OF COPPER SUPPORTED ON CELLULOSE FLAKES FOR DEGRADATION OF METHYLENE BLUE	Saowapa Chotsuwan
D_003_PA	GEMOLOGICAL CHARACTERISTICS OF OYSTER COPPER TURQUOISE CLAIMED TO BE FROM UNITED STATES OF AMERICA	Apichet Boonsoong
D_004_PA	APPLICATION OF EXTENDING SHELF LIFE OF FRESH EGG USING CARBOXYMETHYL CELLULOSE /CaCO <sub>3</sub> MODIFIED BY PALMITIC ACID AND STEARIC ACID AS AN ACTIVE PACKAGING	Witthawat Piampowdee
D_005_PA	A FLOWER SHAPE-GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES (AgNPs) WITH DIFFERENT STARCH AS A REDUCING AGENT FOR BIODIAGNOSIS APPLICATION	Khanittha Ponsanti
D_006_PA	PRODUCTION AND CHARACTERIZATION OF PRINTED SCREEN ELECTRODES MODIFIED WITH GRAPHENE/ZNO NANOCOMPOSITE FOR GOUT	Nion Taikerd
D_007_PF	EFFECTS OF LOW DOSE OF GOLD NANOPARTICLES ON PERICYTES BIOLOGY	Sasikarn Looprasertkul
D_008_PA	PROCEEDING ON EXTRACTION OF CELLULOSE-PAPER FROM BREWERS' SPENT GRAIN BY CHEMICAL TREATMENT	Jakrada Attarataya
D_009_PA	ANTI-BACTERIAL AND FUNGI ACTIVITY OF NATURAL RUBBER BASED TITANIUM AND ZINC OXIDE NANOCOMPOSITES	Siriwat Radabutra
D_010_PA	THE EFFECT OF ANODIZATION DURATION ON MORPHOLOGY AND ELECTRICAL PROPERTIES OF TiO <sub>2</sub> NANOTUBE ARRAYS	Somwan Chumphongphan
D_011_PA	EFFECT OF ANNEALING TEMPERATURE OF TITANIUM DIOXIDE FILMS PREPARED BY ELECTRO SPARK DEPOSITION TECHNIQUE	Gitchanaphon Sriwichai
D_013_PA	A FACILE SYNTHESIS OF SELF-CATALYTIC PVP/PVA/CA HYDROGEL USING HYDROGENCARBONATE AS A GELLING AGENT	Kriangsak Songsrirote
D_015_PF	SYNTHESIS OF HIGH MOLECULAR WEIGHT POLY( $\epsilon$ -CAPROLACTONE) USING TITANIUM(IV) <i>n</i> -BUTOXIDE AS EFFECTIVE INITIATOR	Wanich Limwanich



ID	Title	Presenter
D_016_PF	SYNTHESIS OF GOLD NANOPARTICLES USING NATURAL TANNIN AND THEIR CATALYTIC ACTIVITY IN CONGO RED REDUCTION	Penwisa Pisitsak
D_017_PA	PREPARATION AND PHYSICAL PROPERTIES OF $(1-x)$ Bi <sub>0.5</sub> (Na <sub>0.80</sub> K <sub>0.20</sub> ) <sub>0.5</sub> TiO <sub>3</sub> - $x$ Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> CERAMICS	Pimpilai Wannasut
D_018_PA	MORPHOLOGY CHARACTERIZATION OF CROSSLINKED-CHITOSAN/ POLY(ETHYLENE OXIDE) ELECTROSPUN NANOFIBERS CONTAINING Cu-BTC	Thitirat Inprasit
D_019_PF	PORTABLE ELECTROCHEMICAL SENSOR FOR FENITROTHION ANALYSIS	Kanyanat Dee-ying
D_020_PA	EFFECT OF TiO <sub>2</sub> AND ZnO IN IN-SITU UV-CROSSLINKING OF ELECTROSPUN PVA NANOFIBER	Pisutsaran Chitichotpanya
D_021_PA	AN APPROACH FOR USING ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY FOR TESTING THE COATING ABILITY OF NON-INTENDED BPA LACQUER ON CAN SURFACE	Natapol Suetrong
D_022_PA	FLEXURAL STENGTH OF <i>Bambusa nutans</i> BAMBOO	Darunee Wattanasiriweach
D_023_PA	MECHANICAL PROPERTY MODIFICATION OF BAMBOO STRIPS	Suthee Wattanasiriweach
D_025_PA	EFFECT OF pH ON THE PREPARATION OF INDIGO CARMINE DYE/CA-AL LAYERED DOUBLE HYDROXIDE COMPOSITES	Soontorn Suvokhiaw
D_026_PA	3D-PRINTED GRAPHENE/POLY (LACTIC ACID) NANOCOMPOSITES	Aphiwat Pongwisuthiruchte
D_027_PA	PREPARATION OF NITROGEN-DOPED GRAPHENE BY SIMPLIFIED REFLUX METHOD FOR SUPERCAPACITOR MATERIALS	Wesarach Samoechip
D_029_PA	NANOCOMPOSITE FIBER FROM POLY (BUTYLENE SUCCINATE) REINFORCED WITH GRAPHENE NANOPARTICLE	Nutthapong Poompiew
D_030_PA	RAPID VIBRO-MILLING APPROACH TO NOVEL MICROWAVE DIELECTRIC NICKEL DINIOBATE NANOMATERIALS	Supon Ananta
D_031_PA	EFFECT OF AGEING HEAT TREATMENT ON CORROSION RESISTANCE OF SINTERED 17-4PH STAINLESS STEEL IN ARTIFICIAL SALIVA	Manutchaya Wongkaewmoon
D_033_PF	NOVEL AND FACILE FABRICATION OF MAGNETICALLY MESOPOROUS CARBON MONOLITHS FOR REMOVAL OF TERACYCLINE	Parichart Onsri
D_035_PA	EFFECTS OF TiO <sub>2</sub> CONTENT AND HEAT TREATMENT TEMPERATURE ON CRYSTALLIZATION KINETICS AND MECHANICAL PROPERTIES OF Na <sub>2</sub> O-CAO-P <sub>2</sub> O <sub>5</sub> BIOACTIVE GLASS-CERAMICS	Pratthana Intawin
D_036_PA	INVESTIGATION OF MICROSTRUCTURE AND MECHANICAL PROPERTIES IN THE INJECTION MOLDING OF LITHIUM DISILICATE GLASS-CERAMIC USING PEG-BASED BINDER FOR DENTAL MATERIAL APPLICATION	Arnon Kraipok
D_038_PA	STUDY CRYSTALLIZATION BEHAVIOR AND KINETICS OF CALCIUM MAGNESIUM SILICATE GLASS-CERAMIC DOPED WITH Dy <sub>2</sub> O <sub>3</sub>	Wipada Senanon

ID	Title	Presenter
D_039_PA	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF YTTRIA-STABILIZED ZIRCONIA CERAMICS WITH A PEG-BASED BINDER FOR LOW-PRESSURE INJECTION MOLDING	Manlika Kamnoy
D_040_PA	LOW-PRESSURE INJECTION MOLDING OF ALUMINA CERAMICS USING A PEG-BASED BINDER FOR MEDICAL MATERIALS APPLICATION	Lalita Srimoon
D_041_PA	THE OPTICAL PROPERTIES OF $\text{Bi}_2\text{GeO}_5$ GLASS AND GLASS DOPE WITH ERBIUM ION	Surapong Panyata
D_042_PA	SOLID STATE SYNTHESIS OF CORDIERITE-MULLITE SYSTEM	Ramita Khamprasit
D_043_PA	MOISTURE ADSORPTION CAPACITY OF BAMBOO CHARCOAL	Pawarit Chumpon
D_044_PF	PREPARATION AND CHARACTERIZATION OF KAFFIR LIME OIL MACROCAPSULES	Aungsana Prajaksangsiri
D_045_PA	EFFECT OF HYDROQUINONE AND METHYL METHACRYLATE MONOMER ON ACRYLIC DENTURE BASE RESIN	Natthawika Sankham
D_046_PA	FABRICATION OF SUPERHYDROPHOBIC IN 17-4PH STAINLESS STEEL BY ANODIZATION PROCESS	Suttita Rattanawong
D_047_PF	PREPARATION OF QUARTZ AND CRISTOBALITE FROM RICE HUSK ASH DERIVED FROM BIOMASS POWER PLANT	Weerachon Phoohinkong
D_049_PF	INFLUENCE OF Sb DOPANT ON PHYSICAL, OPTICAL AND ELECTRICAL PROPERTIES OF CO-PRECIPIATED $\text{ZnO}$ POWDERS	Somtop Santibenchakul
D_050_PA	EFFECT OF ANIMAL OIL ON PHYSICAL AND MECHANICAL PROPERTIES OF POROUS ALUMINO-SILICEOUS MATERIALS	Narumon Lertcumfu
D_051_PA	ELECTRICAL PROPERTIES OF BISMUTH FERRITE DOPED ON STRONTIUM IRON NIOBATE LEAD-FREE CERAMICS	Ratabongkot Sanjoom
D_052_PA	MECHANICAL, ELECTRICAL, AND MAGNETIC PROPERTIES OF BISMUTH SODIUM POTASSIUM TITANATE-BASED CERAMICS MODIFIED BY BARIUM IRON TANTALATE	Pharatree Jaita
D_053_PA	EFFECT OF SINTERING TEMPERATURE ON MECHANICAL AND ELECTRICAL PROPERTIES OF LEAD ZIRCONATE TITANATE MODIFIED BY BLNT CERAMICS	Parkpoom Jarupoom
D_055_PA	MOLDED SHEETS FROM COFFEE HUSK AND REUSED PAPER: EFFECT OF COFFEE HUSK PARTICLE SIZE	Anudthida Maphon
D_060_PF	INVESTIGATION OF THE PHASE FORMATION AND MECHANICAL PROPERTIES OF LI-SILICA GLASS-CERAMICS SYSTEM	Wilaiwan Leenakul
D_061_PA	PREPARATION AND PROPERTIES OF GLASS-CERAMICS FOR DENTAL RESTORATION	Krit Sutjarittangtham
D_062_PA	EFFECT OF $\text{BaTiO}_3$ NANO-PARTICLES ON DIELECTRIC AND FERROELECTRIC PROPERTIES OF $\text{Ba}_{0.85}\text{Sr}_{0.15}\text{Ti}_{0.90}\text{Zr}_{0.10}\text{O}_3$	Juthamas Thongduang

## SESSION E: ENERGY / ENVIRONMENTAL& EARTH SCIENCE

ID	Title	Presenter
E_001_PA	ADSORPTION OF SOME PLANT NUTRIENTS BY CHITOSAN-PECTIN FILM	Anawat Pinisakul
E_002_PF	ARCHITECTURE ELEMENTS AND STRATIGRAPHY OF ANCIENT MUN RIVER, NAKHON RATCHASIMA, NORTHEASTERN THAILAND	Thunchanok Kawinate
E_004_PF	ACTIVITY OF $\text{PtIrO}_2/\text{C}$ FOR REGENERATIVE PEM FUEL CELL	Ladawan Thupchai

ID	Title	Presenter
E_005_PF	NiCo <sub>2</sub> S <sub>4</sub> /N-rGO AS A BIFUNCTIONAL OXYGEN REACTION ELECTROCATALYST FOR RECHARGEABLE ZINC-AIR BATTERIES	Phonphiphat suwannarak
E_007_PA	CONVERSION OF PALM OLEIN TO BIOJET FUEL OVER NICKEL SUPPORTED ON BETA AND HY ZEOLITES	Thanawat Sukanan
E_008_PF	PREPARATION OF NiCoS CATALYSTS FOR RECHARGEABLE ZINC-AIR BATTERIES	Nuttasith Tangaemsakul
E_010_PF	HYDROGEN PRODUCTION AND COD REMOVAL FROM BIODIESEL WASTEWATER USING COUPLED SEMICONDUCTOR PHOTOCATALYST	Napat Chuenangkul
E_017_PA	ENHANCEMENT OF CaO AS ECONOMICAL AND GREEN HETEROGENEOUS CATALYST DERIVED FROM ACID TREATED GOLDEN APPLE SNAIL SHELL FOR BIODIESEL PRODUCTION	Sunti Phewphong
E_018_PA	PHYSICOCHEMICAL PROPERTIES OF BLENDING LARD OIL AND RUBBER SEED OIL AS A FEEDSTOCK FOR BIODIESEL PRODUCTION	Wuttichai Roschat
E_019_PA	EFFICIENCY OF BLENDING BIODIESEL OIL AGAINST YANG-NA OIL AND PETROLEUM DIESEL OIL FOR AGRICULTURAL DIESEL ENGINES	Kaewta Donpamee
E_020_PF	SOME PETROCHEMICAL FEATURES OF GRANITIC ROCKS ALONG HIGHWAY 1D, XIENGKHOUANG TO XAISOMBOUN PROVINCES, LAO PDR	Patcharin Kosuwan Jundee
E_023_PA	STUDY AND DEVELOPMENT OF GREEN BIO-SURFACTANT SOLUTION FOR CLEANING	I-Lin Laosri
E_026_PA	WASTE PALM DERIVED SOLID FUEL VIA HYDROTHERMAL CARBONIZATION USING A PRESSURIZED REACTOR	Yoothana Thanmongkhon
E_029_PF	LOW ASH BIOMASS PELLET FROM CORN STALK: EFFECT OF CALCIUM CARBONATE BASE ADDITIVE ON FUELS AND ASH QUANTITIES	Thanakit kumwung

## SESSION F: PHYSICS / APPLIED PHYSICS

ID	Title	Presenter
F_001_PF	STRUCTURAL AND PHYSICAL PROPERTIES OF SnS <sub>1-x</sub> Se <sub>x</sub> SOLID SOLUTION THIN FILMS PREPARED BYCLOSE SPACED SUBLIMATION METHOD	Parichat Cummom
F_002_PF	EFFECTS ON TRIBOLOGICAL BEHEVIORS OF SYNTHETIC HYDROCARBON BASED LUBRICANT FOR MICROELECTRONIC APPLICATIONS	Chanikan Polpattanakul
F_003_PF	FABRICATION AND CHARACTERIZATION OF (CdS) <sub>1-x</sub> (ZnTe) <sub>x</sub> AND CuSbS <sub>2</sub> THIN FILMS FOR PHOTODIODE APPLICATION	Dusit Thueman
F_006_PF	HEAT TREATMENT OF MOGOK ZIRCON, MYANMAR	Kanyarat Kwansirikul
F_008_PF	EFFECT OF SINTERING TEMPERATURES ON DENSITY AND VICKERS MICRO-HARDNESS OF BZT CERAMICS PREPARED BY MOLTEN SALT METHOD	Chompoonuch Warangkanagool
F_010_PA	EFFICIENCY OF UV FLEXOGRAPHIC INK COLOR MATCH PREDICTION ON POLYPROPYLENE LABEL USING ARTIFICIAL	Nutthawit soha

ID	Title	Presenter
	NEURAL NETWORK AND COLOR MATCH PREDICTION SOFTWARE	

## SESSION G: MATHEMATICS / STATISTICS / COMPUTER SCIENCE

ID	Title	Presenter
G_001_PF	EDGE-ODD GRACEFUL LABELING IN THE CONTEXT OF DUPLICATION OF GRAPH ELEMENTS	Siwaporn Saewan

## SESSION H: FOOD SCIENCE & TECHNOLOGY

ID	Title	Presenter
H_001_PA	EFFECTS OF MALTODEXTRIN AND INLET AIR TEMPERATURE ON THE PROPERTIES OF SPRAY-DRIED MANGOSTEEN POWDER	Mintra Nugthum
H_002_PA	MONITORING MOISTURE CONTENT IN STIR-FRIED GREEN CURRY PASTE USING NEAR-INFRARED SPECTROSCOPY	Patcharanun Suksangpanomrung
H_003_PA	RAPID ANALYSIS OF FRESH SUGAR CANE JUICE BY NEAR-INFRARED SPECTROSCOPY	Arisara Hiriotappa
H_004_PA	EFFECT OF MANGO PUREE ON THE RHEOLOGY OF BATTER AND QUALITIES OF CRISPY WAFFLE	Prassara Kanokbodeevanit
H_005_PA	EFFECTS OF PEELING AND STEAMING TIME ON THE PASTING AND GEL TEXTURAL PROPERTIES OF GREEN BANANA FLOUR	Supamas Hanpermchai
H_006_PA	ANTIBACTERIAL ACTIVITY OF ESTERIFIED SATURATED FATTY ACIDS WITH MALTODEXTRIN AGAINST <i>Escherichia coli</i> AND <i>Staphylococcus aureus</i>	Thidarat Pantoa
H_007_PA	LIPID DIGESTIBILITY OF SOYBEAN POLYSACCHARIDE-STABILIZED OIL-IN-WATER EMULSIONS PASSING THROUGH <i>In vitro</i> GASTROINTESTINAL DIGESTION	Sunsanee Udomrati
H_008_PA	DEVELOPMENT OF LAMP COMBINED WITH A PORTABLE ELECTROCHEMICAL SENSOR FOR RAPID DETECTION OF <i>E. coli</i> O157:H7 IN FOOD SAMPLES	Sarawut Sirithammajak
H_009_PF	COMPARISON OF EXTRACTION TECHNIQUES USING DHS-TENAX TA, SBSE AND SPME FOR ANALYSIS OF DRIED CHILI VOLATILES	Ersa Aurora Ria Diani
H_010_PF	EFFECTS OF JIAOGULAN ON HEXANAL CONTENT IN <i>SAI-UA</i> (NORTHERN STYLE HERBAL-PORK SAUSAGE)	Siriporn Riebroy Kim
H_011_PA	NUTRITIONAL COMPOSITIONS AND ANTIOXIDANT ACTIVITY OF TORCH GINGER ( <i>Etlingera elatior</i> ) FLOWER	Ladda Sangduean Wattanasiritham
H_012_PA	OPTIMIZATION OF SPRAY DRYING CONDITION FOR 'HOM THONG' BANANA FLOWER EXTRACTS USING RESPONSE SURFACE METHODOLOGY	Karuna Wongkrajang
H_013_PF	INFLUENCE OF STEVIA CONCENTRATION AND GUAR GUM ON RHEOLOGY AND PHYSICO CHEMICAL PROPERTIES OF GUAVA JUICE	Napassorn Peasura
H_014_PA	EXTRACTION OF CAFFEINE AND BIOACTIVE COMPOUNDS FROM COFFEE CHERRY PEEL	Somruedee Thaiphanit

## SESSION SP1: CRYSTALLOGRAPHY

ID	Title	Presenter
SP1_004_PF	THERMAL ANALYSIS OF PHASE TRANSITION AND CRYSTALLIZATION OF $\text{EuBa}_2\text{Cu}_3\text{O}_{7-\delta}$ POWDER PREPARED BY SOLID-STATE REACTION	Paitoon Boonsong
SP1_005_PF	A NEW ZINC(II) COORDINATION POLYMER BASED ON 5-NITROISOPHTHALATE; SYNTHESIS, CRYSTAL STRUCTURE AND HIGHLY SENSITIVE FLUORESCENCE SENSING PROPERTIES OF SMALL MOLECULES AND METAL IONS	Pornsan Lueangseephet
SP1_006_PA	SYNTHESIS, CHARACTERIZATION AND X-RAY STRUCTURAL STUDIES OF A NEW 1D LADDER-LIKE CHAIN ZINC(II) COORDINATION POLYMER CONTAINING 1,4-BIS(IMIDAZOL-1-METHY) BENZENE	Chanoknan Sangphuek
SP1_007_PA	SYNTHESIS, CRYSTAL STRUCTURES AND HIRSHFELD SURFACE ANALYSIS OF THREE NEW MONONUCLEAR 3-CHLOROBENZOATE COPPER (II) COMPLEXES WITH 2,2'-BIPYRIDINE AND 1,10-PHENANTHROLINE CHELATING LIGANDS	Wanussanun Chaisuriya
SP1_008_PA	CRYSTAL STRUCTURE AND HIRSHFELD SURFACE ANALYSIS OF A NEW MONONUCLEAR TETRAHEDRAL ZINC(II) COMPLEX	Nanthawat Wannarit
SP1_009_PA	SYNTHESIS AND PROPERTIES OF A NEW ADENINE-BASED Zn (ii) COORDINATION POLYMERS FOR SENSITIVE SENSING OF NITROAROMATICS	Phakinee Srilaoong
SP1_010_PA	AN UNEXPECTED ZINC(II) COORDINATION POLYMER BASED ON N-VINYLMIDAZOLE AND 2-ANIMOTEREPHTHALIC ACID MIXED LIGANDS	Patsara Kwanmuang
SP1_011_PA	STRUCTURAL TRANSFORMATION OF $[\text{Cu}_2(\text{tp})(\text{bipy})_2(\text{H}_2\text{O})_4][\text{Cu}_2(\text{tp})_3(\text{bipy})_2(\text{H}_2\text{O})_2]$ COMPLEX IN ETHANOL UNDER HYDROTHERMAL CONDITION AND THEIR $\text{Cu}^{2+}$ ADSORPTION PROPERTIES AFTER ACID TREATMENT	Winya Dungkaew
SP1_013_PA	CRYSTALLOGRAPHIC INVESTIGATION OF LANTHANIDE COORDINATION POLYMERS OF (HYDRAZIDECARBONYL) BENZOATE	Chatphorn Theppitak
SP1_017_PA	SUPRAMOLECULAR STRUCTURE OF $[(\text{VO}_4)_2][\text{Na}_6(\text{H}_2\text{O})_{18}] \cdot 2\text{H}_2\text{O}$	Chana Panyanon
SP1_018_PA	EXPERIMENTAL AND THEORETICAL INVESTIGATION OF 2D HALOGEN-BONDED ORGANIC FRAMEWOKS BASED ON TETRABROMOTEREPHTHALIC ACID BUILDING BLOCK	Nucharee Chongboriboon
SP1_020_PA	SYNTHESIS OF A COORDINATION POLYMER $[\text{Cu}_2(\text{NICOTINATO})_4]$ BY THREE DIFFERENT METHODS	Orrasa In-noi
SP1_021_PA	CRYSTALLIZATION AND STRUCTURAL STUDIES OF ORGANIC-INORGANIC HYBRID BASED ON DECAVANADATE CLUSTER: $[(\text{V}_{10}\text{O}_{28})_2][\text{ImH}]_{12} \cdot 3\text{H}_2\text{O}$	Purita Aroonchat
SP1_022_PA	CRYSTAL STRUCTURE OF SILVER (I) BROMIDE COMPLEX CONTAINING 1-(4-NITROPHENYL) THIOUREA AND TRIPHENYLPHOSPHINE LIGANDS	Yupa Wattanakajana