

PROGRAMME ITINERARY

DAY 1 | 24th September 2019 *Tuesday*

08.00 - 09.00	Registration (Dewan Kuliah 8, N24)	
8.45 am	The arrival of Symposium Delegates / Guests / VIP	
9.00 am	Welcoming speech by the Symposium Chairman Y.Bhg. Prof. Dr. Hesham El- Enshansy	
9.10 am	Officiation speech by Assoc. Prof. Dr. Noor Hazarina Hashim Chair, School of Postgraduate Study	
9.20 am	Product Launching	
9.30 am	End of Ceremony	
09.30 – 10.00	Plenary 1 - Prof. Dr. Enoch Park (Shizouka University, Japan)	
10.00 – 10.30	Plenary 2 - Prof. Dr. Rosli Md Ilias (UTM, Malaysia)	
10.30 – 10.50	Group Photo & coffee break	
BREAK UP SESSION		
	MOLECULAR ENGINEERING (ME)	NANO-TECHNOLOGY AND BIOACTIVES STUDY
	Chairperson : Prof. Dr. Tetsuo Narumi (Shizouka, Japan) Co-chair : Prof. Dr. Ani Idris (UTM, Malaysia) Venue 1 : Dewan Kuliah 8, N24	Chairperson: Assoc. Prof. Dr. Azila Aziz (UTM, Malaysia) Co-chair: Assoc. Prof. Dr. Nuttha Tongchul (Chulalongkorn, Thailand) Venue 2 : Bilik Kuliah 2, N24
11.00 – 11.20	ME 1 Peptidomimetic Study on Amyloid Fibril Formation based on the Amide-to-Alkene Isosteric Switch Strategy Tetsuo Narumi	NTB 1 Downsizing: Nanotechnology in Natural Cosmetic and Personal Care Products Azila Abdul Aziz
11.20 – 11.35	ME 2 Fabrication Of Tilapia Gelatin-Chitosan Nanofiber Scaffold For Skin Tissue Engineering Syazwani Ramli	NTB 2 Fine Bubble Organic Synthesis: From Batch to Flow Nobuyuki Mase
11.35 – 11.50	ME 3 Improved Performance of Microbial Fuel Cell with Nanocomposite of Medium- Chain-Length Polyhydroxyalkanoates-co- Methyl Acrylate Carbon Nanotubes as Electrode Modifier Sirajudeen Abdul Azeez Olayiwola	NTB 3 Hydrogenation of Heterocyclic Compounds by Fine Bubble Method Soma suzuki

11.50 – 12.05	ME 4 Analysis Genes Controlling the Fruiting Body Formation of <i>Cordyceps militaris</i> in Silkworm Ahmad Suparmin	NTB 4 Effects of Extraction Solvent on Antioxidant and Wound Healing Properties from <i>Carica papaya</i> Leaves Extracts Husnul Hanani Soib
12.05 – 12.20	ME 5 Solid-phase Chemical Ligation Using Peptide Hydrazide Shunma OH	NTB 5 In-vitro Anticancer of <i>Andrographis Paniculata</i> Extract from Different Solvents Against Du145 Mohamad Khairul Hafidz Idris
12.20 - 12.35	ME 6 <i>Neospora caninum</i> profilin: Screening the truncation domain and its identification of secretion in silkworm larvae Hamizah Suhaimi	NTB 6 Growth and Survival Model of <i>Listeria monocytogenes</i> in Short Mackerel (<i>Rastrelliger brachysoma</i>) During Storage under Isothermal and Non-Isothermal Time –Temperature Profile Ummul Izzatul Izzah Binti Yahya
12.35 – 12.50	ME 7 Purification of Recombinant Proteins from the Haemolymph and Fat Body of the Silkworm <i>Bombyx Mori</i> Aiming for Industrial Usage Robert Minkner	NTB 7 Synergistic Effect Of Graphene Oxide and Zinc Oxide Nanocomposite On Antimicrobial Activity Liew Wen Ching
12.50 – 13.05	ME 8 Interaction of Flexirubin-type pigments in Keap1-Nrf2 Pathway as Potential Hepatoprotective Compound Norfarisha Mohd Fadil	NTB 8 A review on the Extraction Techniques of Quasinoids from <i>Eurycoma Longifolia</i> Nurul Izzati Mohd Ismail
13.05 – 14.15	LUNCH BREAK	
	BIOCHEMICAL RESEARCH	HERBAL BIOPROCESSING & INDUSTRIAL PRACTICE
	Chairperson : Ts. Dr. Hamzah Nasir (IIUM, Malaysia) Co-chair : Dr. Harisun Yaakob (UTM, Malaysia) Venue 1 : Dewan Kuliah 8, N24	Chairperson : Dr. Eddie Tan Tijih (UiTM, Malaysia) Co-chair : Dr. Zaidah Rahmat (UTM Malaysia) Venue 2 : Bilik Kuliah 2, N24
14.15 – 14.35	BR 1 Activation of endothelial cells and its potential involvement in blood-brain barrier damage in cerebral malaria: an in vitro study Hamzah Nasir	HBP 1 Herbal Bioprocessing: Safety Risk Eddie Tan Ti Tijih
14.35 – 14.50	BR 2 Chemical Synthesis of Protein for Protein-based Therapeutic Kohei Sato	HBP 2 Review on Drying Process of <i>Moringa Oleifera</i> Leaves Nabilah binti Abdul Samad

14.50 – 15.05	BR 3 Preventive Interventions to Reduce Second-Hand Smoke Exposure among Non-Smoking Pregnant Women Siti Hajar Binti Mohamed Zain	HBP 3 Optimization of Whey Protein Isolate And Carboxymethyl Cellulose Composition For Stability Of Clove Essential Oil Microemulsion Noer Hartini Dolhaji
15.05 – 15.20	BR 4 Structural and Functional Studies of KEG15107 from <i>Mycobacterium avium</i> Azura Mohd Noor	HBP 4 Zeta-Potential and Size Distribution of Microencapsulated Boswellia Carterii Essential Oil in Gum Arabic Mohamed Soleiman Barre
15.20 – 15.35	BR 5 Effect of Control and Un-control PH Toward <i>Lactobacillus Acidophilus</i> Cell Growth Afif Najihah binti Kepli	HBP 5 Application of Moringa and Turmeric as Booster to Improve Giant Freshwater Prawn Larvae Quality Muhammad Amiruddin Bin Wahab
15.35 – 15.50	BR 6 Pulsed Electric Field (PEF): Influences on Physicochemical Properties and Fat Globule Size Distribution of Goat Milk Azizah Mohamad	HBP 6 Bioprocess Optimization for Production of High Xanthan Gum Using Statistical Method Nurul Zahidah Nordin
15.50 – 16.05	BR 7 Characterization of <i>Ashbya gossypii</i> riboflavin-overproducing mutant Junya Azegami	HBP 7 Halal Critical Control Points in Halal Assurance System in Breeding Farms Broiler Mohd Hasli Ramli
16.05 – 16.15	BR 8 Thermodynamic Evaluation of H-Bonding Ability of Chloroalkene Dipeptide Isostere in an Amide-to-Alkene Peptidomimetic Catalyst Takuma Nishizawa	HBP 9 Comparison of Caseinolytic Enzymes Production from Bacillus Cereus 13BN using Different Types of Media Potentially for Cardiovascular Diseases Mazlina Mohd Arifin
16.15 – 16.30	BR 9 One-Pot Synthesis of Highly Functionalized 2-Chloroaziridines for Stereoselective Synthesis of (Z)-Chloroalkene Dipeptide Isosteres Containing α , α -Disubstituted Amino Acids Saki Imai	HBP 9 Biomass Production Of Probiotic <i>Lactobacillus Reuteri</i> Dsm 20016t By Developing Low Cost Media Cultivation Strategy Shanmugaprakasham Selvamani
16.30 – 16.45	BR 10 Rapid Optimization of Reaction Conditions by Machine Learning Using In-Line Analysis Takuya Kon	HBP 10 Optimizing Vacuum Evaporation Process to Prepare High Nutrient Dense Pineapple Concentrate Chin Yee Leong
16.45 – 17.00	BR 11 Effects of Nutrient Depletion and High Light Emitting Diodes (LEDs) Irradiances on Morphology Changes in Unicellular	HBP 11 Study on the Spray Drying Conditions of Pineapple Fruit Powder Nur Syazwani Hanafi

	Astaxanthin-Producing Green Microalgae <i>Haematococcus pluvialis</i> Nur Diana Mohd Noor	
	COFFEE BREAK END OF DAY 1	

DAY 2 | 25th September 2019 *Wednesday*

08.15 – 08.45	Plenary 3 – Prof. Dr. Muktiningsih (UNJ, Indonesia)	
08.45 – 09.15	Plenary 4 – Assoc. Prof. Dr. Nuttha Thongchul (Chulalongkorn, Thailand)	
09.15 – 09.45	Plenary 5 – Prof. Dr. Ida Idayu (UTM, Malaysia)	
09.45 – 10.15	Plenary 6 – Assoc. Prof. Dr. Vincent Antonio S.Ng (De La Salle University, Filipina)	
10.15 – 10.30	BREAK-UP SESSION / COFFEE BREAK	
	NATURAL BIOACTIVES (PART 1)	MICROBIAL BIOPROCESSING
	Chairperson : Assoc. Prof. Dr. Chua Lee Suan (UTM, Malaysia) Co-chair : (Dr. Nur Izyan Wan Azalee, UTM, Malaysia) Venue 1 : Dewan Kuliah 8, N24	Chairperson : Dr. Dalia Sukmawati (UNJ, Indonesia) Co-chair : Dr. Daniel Joe Dailin (UTM, Malaysia) Venue 2 : Bilik Kuliah 2, N24
10.30-10.50	NB 1 Phytochemical Fingerprinting Coupled with Chemometrics for Identification of Herbal Samples Chua Lee Suan	MB 1 Optimization of Activity Of Amylase Enzyme Originated From August Flower (<i>Pyrostegia Venusta</i> (Ker Gawl.) Miers) Mold Dalia Sukmawati
10.50 – 11.05	NB 2 Antioxidant Properties of Extracts and SPE Fractions from <i>Annona muricata</i> Leaves Nur Athirah Hashim	MB 2 Behaviors of Conjugative Plasmids in Different Environmental Conditions Masaki Shintani
11.05 – 11.20	NB 3 Protein Antioxidant Capacity from <i>Moringa oleifera</i> fresh and commercialised leaf Zetty Amirah Binti Zulkifli	MB 3 Isolation And Identification Studies On Potential Xylanase Enzyme Producing <i>Trichoderma</i> sp. From Local Soil Kugan Kumar Ambehabati
11.20 – 11.35	NB 4 A Novel Chitosan-Based Nanogel System Co-Loaded with Triclosan and Flurbiprofen for Localised Treatment of Periodontitis Nafiu Aminu	MB 4 Preliminary Screening For Higher Production of Riboflavin By Recombinant <i>Ashbya Gossypii</i> Nivashini Neela Mekan
11.35 – 11.50	NB 5 Isolation, Toxicity and Oxidative Stress Evaluation of Myricetin Derivatives from <i>Syzygium malacense</i> in C57BL/6J Mice Devi Nallappan	MB 5 Anaerobic bio-conversion enhanced by a rechargeable biogenic mackinawite Kazui Yasuike

11.50 – 12.05	NB 6 Effects of Molasses an Agrowaste on the Cell Growth and Functional Characteristic of Exopolysaccharide by Lactobacillus Plantarum ATCC 8014 Nor Zalina Othman	MB 6 Identification of Factor(s) that Reduces the Fitness Costs of Plasmid Carriage on the Host Mitsuya Mori
12.05 – 12.20	NB 7 Optimization of Pullulan Production Luo Zaini Mohd Izwan Low	MB 7 Bioprocess Optimization For High Cell Mass Production By Kluyveromyces Lactis Aelia Insyeera Binti Mohd Hishamuddin
12.20 – 12.35	NB 8 Development of Rapid Kit Detection Food-borne Pathogen Salmonella enteritidis in Egg and Meat Based on Real-Time PCR Putri Annisa Auni	MB 8 Effect of solvents on PVDF nanofiber and its potential use for <i>Escherichia coli</i> immobilization. Norhamiza Mohamad Sukri
12.35 – 12.50	NB 9 Antioxidative and Antidiabetic Potential of <i>Pandanus amaryllifolius</i> Essential Oils from Different Location of Malaysia Maisarah binti Mohamed Zakaria	MB 9 Comparison of Host Range of Plasmids with Different GC Contents Belonging to Incompatibility Group PromA Maho Tokuda
12.50 – 13.05	NB 10 Accuracy Of Pregnancy-Specific Protein B (PSPB) Assay for Early Pregnancy Detection of Kedah-Kelantan Cattle Nor Syairah Atiqah Binti Mohamad Hanafiah	MB 10 Bioprocess Development for High Cell Biomass Production of <i>Lactobacillus casei</i> in semi industrial scale bioreactor Jennifer Edwina A/P Eyahmalay
13.05 – 14.05	LUNCH BREAK	
	NATURAL BIOACTIVES (II)	AGRI-BIOTECHNOLOGY (AGB)
	Chairperson : Dr. Tan Teng Ju (IIUM, Malaysia) Co-chair : Dr. Rosnani Hasham (UTM, Malaysia) Venue 1 : Dewan Kuliah 8, N24	Chairperson : Prof. Dr. Masakazu Hara (Shizouka, Japan) Co-chair : Dr. Dayang Norulfairuz Abang Zaidel (UTM, Malaysia) Venue 2 : Bilik Kuliah 2, N24
14.05 – 14.25	NB 11 Investigation of chemical compositions and antibacterial activity of Patchouli essential Oil and extrcts produced by conventional methods and supercritical fluid extraction Teng Ju Tan	AGB 1 Adaptation of Plants to Extreme Temperature - Key Proteins in Seeds for Surviving under Deep Freeze Conditions- Masakazu Hara
14.25 – 14.40	NB 12 Biotechnology research and innovations in 21st century: a great promise to face the global challenges H.N.Thatoi	AGB 2 Genomic analysis of riboflavin-overproducing <i>Ashbya gossypii</i> mutant isolated by disparity mutagenesis Tatsuya Kato
14.40 – 14.55	NB 13 Non-target Contact Toxicity of Neonicotinoids to An Effective Biological Control Agent Necessitates Compatibility Studies for Nanoparticles-based Insecticides	AGB 3 A Real Time PCR Method for Rapid Detection of Food-Borne Pathogens Bacteria Staphylococcus Aureus in Contaminated Meat and Milk Product Hafidza Muslimah

	Billy Joel Almarinez	
14.55 – 15.10	NB 14 Application of Box-Behnken Design with Response Surface Methodology for Optimizing Oxygen Colour Indicator Strip Film for Indication Enhancement Aishah Mohd Marsin	AGB 4 Molds Isolated from Chicken Feed as Potential Amylase Resources Zico Arman
15.10 – 15.25	NB 15 Effect of Red Light Emitting Diode (LED) on <i>Nannochloris</i> sp. Growth, Lipid Content, and Nutrients Reduction Efficiency Using Palm Oil Mill Effluent (POME) Rosnani Resdi	AGB 5 The Effect of Urea Molasses Multi-Nutrient Block Supplementation on Milk Somatic Cell Count of Saanen Crossbred Goats Mohamad Faiz Mohd Nor
15.25 – 15.40	NB 16 Variation of Volume of Fim-C <i>Salmonella typhi</i> Protein Production as Vaccine Candidates and Typhoid Fever Detection Kits on Laboratory Scale Shausan Fairuz Jinan	AGB 6 Exogenous Plasmid Capturing from Natural Environmental Samples Masaya Hayakawa
15.40 – 15.55	NB 17 First Record of <i>Marieta Carnesi</i> (Howard)(Hymenoptera:Aphelinidae) and Its Field Hyperparasitism On <i>Comperiella Calauanica</i> Barrion, Almarinez & Amalin (Hymenoptera:Encyrtidae) In The Philippines Shad Matthew S. Arce	AGB 7 Detection of <i>Salmonella typhimurium</i> Foodborne Bacterial Pathogen on Artificially Contaminated Milk by Real Time PCR using STM4497 and <i>Fljb</i> Primers Ulfi Rahma Efrianti
15.55 – 16.10	NB 18 Isolation and Identification of Halophilic Microorganisms in Soy Sauce Nur Amirah Khairina binti Khairil Anwar	AGB 8 Increased Iron Uptake capacity of ultrasonic treated milled rice Aldrin P.Bonto
16.10 – 16.25	NB 19 Purification of Pregnancy-Specific Protein B (PSPB) In Kedah-Kelantan Cattle Muhammad Aiman Bin Adam	AGB 9 Betaine-Rich Nano Fertilizer Improves Growth Parameters of <i>Zea mays</i> var <i>Saccharata</i> and <i>Arabidopsis thaliana</i> under Salt Stress Fadzillah Adibah Fadzil Suhaimi
16.25 – 16.40	COFFEE BREAK	
16.40 - 17.00	CLOSING CEREMONY AWARDS PRESENTATION	