

DAY ONE (21st August 2017)

08.00 - 09.00	Registration (LOBBY N23a)
8.45 am	The arrival of Symposium Delegates / Guests / VIP
9.00 am	Welcoming speech by the Symposium Chairman Y.Bhg. Prof. Dr. Mohamad Roji Bin Sarmidi
9.10 am	Officiation speech by Pro Vice Chancellor (International) – Prof. Dr. Nordin bin Yahya
9.20 am	Product Launching
9.30 am	End of Ceremony
09.30 – 09.45	Invited speaker – Prof. Dr. Mohd Ghazali Mohd Nawawi
09.45 – 10.15	Plenary 1 - Prof. Dr. Enoch Park (Japan)
10.15 – 10.45	Plenary 2 – Dr. Ma Luisa D. Enrique (Philippines)
10.45 – 11.05	Group photo & coffee break

IPSB PROGRAM 2017

ORAL SESSION		
	MOLECULAR ENGINEERING (ME)	COSMETIC BIOACTIVES (CB)
	Chairperson : Prof. Dr Ani Idris Co-session : Dr. Mariani Abdul Hamid Venue 1 : Auditorium Hall	Chairperson : Dr. Ma Luisa D. Enrique Co-session : Dr. Rosnani Hasham Venue 2 : Kenanga Room
11.05 – 11.25	(ME1) Expression And Purification Of Pre-Membrane Envelope (Prme) Of Dengue Virus Serotype 3 Using Silkworm Expression System	(CB1) Ficus Deltoidea as potential skin barrier protecting agent.
11.25 – 11.40	(ME2) Molecular Docking And Simulation Of Transketolase From Orthosiphon Stamineus	(CB2) Full Factorial Design Approach For Formulation Of Flexible Liposomes Loaded Labisia Pumila: A Storage Stability Study Of The Optimized Formulation
11.40 – 11.55	(ME3) Growth And Polyhydroxybutyrate Productivity Of Genetic Modified Phaeodactylum Tricornutum In Response To Blue Wavelength Cultivation On Polyhydroxybutyrate Synthesis Phase	(CB3) Effect Of Synthethic And Natural Thickener On Face Serum Stability
11.55 – 12.10	(ME4) In Vitro Evolution Eventuates The Isolation Of RNA Aptamer Against Dengue Virus 2 NS1 Glycoprotein	(CB4) Assessment On The Demographic Data And Risk Factors Of Oral Squamous Cell Carcinoma Patients In Tertiary Care Setting
12.10 – 12.25	(ME5) Investigation Of The Newly Developed Yeast System In The Expression Of Different Enzyme Using Alcohol Oxidase Promoter	(CB5) Cysteine Based Electrochemical Impedance Biosensor For Skin Sensitizer Analysis
12.25 - 12.40	(ME6) Expression and Purification of Recombinant Human Progesterone Receptor DNA Binding Domain Using A Bacterial Expression System	(CB6) Proses optimization and stability of coconut oil honey nanoemulsion upon storage
12.40 – 14.00	LUNCH BREAK	

	GREEN TECHNOLOGY (GT)	HERBAL BIOPROCESSING (HB)
	<p>Chairperson : Prof. Dr. Enoch Park Co-session : PM. Dr. Azila Abdul Aziz Venue 1 : Auditorium Hall</p>	<p>Chairperson : PM Dr. Chua Lee Suan Co-session : Dr. Zarani Mat Taher Venue 2 : Kenanga room</p>
14.00 – 14.20	<p>(GT 1) Evaluation of H-Bonding Ability of (Z)-Chloroalkene: Amide-to-Chloroalkene Peptidomimetic Catalyst for Asymmetric Epoxidation</p>	<p>(HB 1) MS-based phytochemical profiles of herbs for quality assurance</p>
14.20 – 14.35	<p>(GT 2) Comparison of Human Papillomavirus Detection in Saliva, Blood and Tissue by Polymerase Chain Reaction</p>	<p>(HB 2) Scale up issues from bench to the pilot</p>
14.35 – 14.50	<p>(GT 3) Chemo- and Enantioselective α-Butyrolactone Formation Inspired by Biomimetic Carbene Catalysts</p>	<p>(HB 3) Phytochemical Analysis And Storage Studies Of Momordica Charantia Linn</p>
14.50 – 15.05	<p>(GT 4) Synthesis and Chemical Stability of Photolysis and Oxidation Reaction of Chloroalkene-Containing PBB3 Analogue for Tau Imaging</p>	<p>(HB 4) Preliminary Study On The Effects Of Processing Parameters On Tannin Extracted From Quercus Infectoria Galls</p>
15.05 – 15.20	<p>(GT 5) Tuning the Catalyst Reactivity of Imidazolylidene Catalysts through Substituent Effects on the N-Aryl Groups</p>	<p>(HB 5) Astaxanthin Production By Haematococcus Pluvialis Under Different Light Emitting Diodes (Leds) Illumination</p>
15.20 – 15.35	<p>(GT 6) Aggregation Form Analysis Of A Protein Utilizing The Weak Hydrogen Bonding Ability Of Chloroalkene Dipeptide Isostere</p>	<p>(HB 6) Solvent And Duration Effects On The Extraction Of Oleoresin And Oil From Gaharu Powder (Aquilaria Malaccensis)</p>
15.35 – 15.50	<p>(GT 7) Effect of nanoparticle surface on stability of immunofluorescent based Zika virus detection</p>	<p>(HB 7) Subcritical CO₂ Extraction, Chemical Characterization And Biological Potential Of Isolated Essential Oil From Stevia Rebaudiana Bertoni</p>
15.50 – 16.05	<p>(GT 8) Effect of Silver Nanoparticles and Silver Ions in the Simulated Environment on Natural Bacterial Community</p>	<p>(HB 8) Optimization of Swietenia Mahagoni Seed In Supercritical Carbon Dioxide Extraction</p>

IPSB PROGRAM 2017

16.05 – 16.15	(GT 9) Fouling Properties of PES/LICL/MWCNT Membranes Fabricated Via Tips And Nips	(HB 9) Effects of <i>Morinda citrifolia</i> (Noni) Leaf Ethanolic Extract on Exercise Endurance in Female Sprague-Dawley Rats
16.15 – 16.30	(GT 10) A Study of Curcumin-Functionalized Polyvinyl Alcohol Multiwalled Carbon Nanotubes (Cur-PVA-MWCNT) on Neuroblastoma SH-SY5Y Cells	(HB 10) RNA Isolation From Rice Callus For Real Time PCR: A Compares Among Three Methods
16.30 – 16.45	(GT 11) Transcriptomic Analysis Of Cordycepin Biosynthetic Pathway Of <i>Cordyceps Militaris</i>	(HB 11) Effect Of <i>Momordica Charantia</i> Linn. On Human Skeletal Muscle Cell
16.45 – 17.00	(GT 12) Comparative Metagenomics Analysis of Palm Oil Mill Effluent (POME) Using Different Bioinformatics Pipelines	(HB 12) Physicochemical Profile Of Stevia Rebaudiana Undergone Microencapsulation Using Ultrasonic Spray Drying
COFFEE BREAK END OF DAY 1		

DAY TWO (22nd August 2017)

08.15 – 08.45	Plenary 3 – Prof. Dr. Hesham Enshasy (Malaysia)
08.45 – 09.15	Plenary 4 - Prof. Dr. Tetsui Narumi (Japan)
09.15 – 09. 45	Plenary 5 – Prof. Dr. Ani Idris (Malaysia)
BREAK-UP SESSION / COFFEE BREAK	

IPSB PROGRAM 2017

	NATURAL BIOACTIVES (NB) (PART 1)	MICROBIAL BIOPROCESSING (MB)
	Chairperson : Dr. Harisun Yaakob Co-session : Dr. Mailin Misson Venue 1 : Auditorium Hall	Chairperson : Prof. Dr. Tetsui Narumi Co-session : Dr. Norzalina Othman Venue 2 : Kenanga room
10.00 – 10.20	(NB 1) Quality Assurance of natural products	(MB 1) Enhanced Production of Phytase by Recombinant <i>Escherichia coli</i> BL21(DE3) Induced with Lactose in Different Strategies
10.20 – 10.35	(NB 2) Physicochemical Properties Of Johor Stingless Bee (Kelulut) Honey	(MB 2) Bioprocess production of Se enriched <i>Saccharomyces boulardii</i> in semi-industrial scale
10.35 – 10.50	(NB 3) <i>In vivo</i> Wound Healing Activity of Different Types of Essential Oils	(MB 3) Bioprocess Development For Cell And Spore Production By <i>Bacillus Thuringiensis</i> In 16L Scale Bioreactor
10.50 – 11.05	(NB 4) Annona Muricata Linn Extracts Down-Regulated The Production Of Nitric Oxide In Lung Cancer Cells And Molecular Docking Analysis Of Acetogenins Against Inos And Enos	(MB 4) Expression and purification of <i>Plasmodium falciparum</i> antigens in silkworm
11.05 – 11.20	(NB 5) Subacute Toxicity Study Of Clinacanthus Nutans Ethanolic Extract In Vivo	(MB 5) Optimization of medium composition for high cell mass production of <i>Lactobacillus reuteri</i> WICC B90
11.20 – 11.35	(NB 6) Growth And Kinetic Of Lactobacillus Casei In The Fermentation Of Pomegranate Juice	(MB 6) Effect of Starter Cultures on Antibacterial Activity In Fermented Cocoa Bean (<i>Theobroma cacao</i> L.) Extract against Foodborne Pathogens
11.35 – 11.50	(NB 7) Evaluation Of The Isoelectric Focusing (Ief) Method For Proteomic Analysis Of Orthosiphon Stamineus (Var. Purple)	(MB 7) Effect of Carbon-Based Nanomaterial on Growth of Microalgae and Production of Exopolysaccharides
11.50 – 12.05	(NB 8) Effect Of Solvent And Ultrasonic Extraction On Hydroxycitric Acid (Hca) In Garcinia Cambogia	(MB 8) Antibacterial Activities of <i>Cinnamomum zeylanicum</i> Blume Leaves Extract against <i>Salmonella</i> Typhimurium and <i>Listeria monocytogenes</i>

IPSB PROGRAM 2017

12.05 – 12.20	(NB 9) Short-Term Hypoglycemic Effect Of Momordica Charantia	(MB 9) Enhanced Production of Ligninolytic Enzymes From Newly-Isolated Strain <i>Cerrena</i> sp. WICC
12.20 – 12.35	(NB 10) Determination Of The Total Phenolic Content Of Different Medicinal Plant Extracts (<i>Moringa Olifera</i> , <i>Erythrina Senegalensis</i> And <i>Laptadenia Hastata</i>).	(MB 10) Effect of Temperature and Initial pH on the Growth and Viability of Direct-Fed Microbial Microorganism <i>Lactobacillus casei</i> in Rice Bran Extract
12.35 – 12.50	(NB 11) FTIR Spectroscopy Analysis of Halal and Non-Halal Gelatin as Raw Material Derived from Animal Bones	(MB 11) Delignification of Lignocellulosic Biomass By Immobilized Laccase
12.50 – 14.00	LUNCH BREAK	
	NATURAL BIOACTIVES (NB) Part II	AGRI-BIOTECHNOLOGY (AGB)
	Chairperson : Dr. Lee Ting Hun Co-session : Dr. Eddie Tan Venue 1 : Auditorium Hall	Chairperson : PM Dr. Zainul Akmal Co-session : Dr. Aidee Kamal Khamis Venue 2 : Kenanga room
14.00 – 14.20	(NB 12) Bioactive compound analysis in Edible Bird's Nest	(ABG1) Agriculture waste : an alternative for acid soil remediation
14.20 – 14.35	(NB 13) Optimization of CCD Analysis of Hydroxychavicol from Piper Betle L. leaves	(AGB 2) Optimization of pyroligneous acid (PA) yield by microwave-assisted pyrolysis of palm kernel shell
14.35 – 14.50	(NB 14) Optimization of maceration extraction conditions of beta sitosterol from Piper Sarmentosum leaves	(AGB 3) Characterization of Oil Palm Fiber from Kulai and Simpang Waha Oil Palm Mills
14.30 – 15.05	(NB 15) Effect of 2 Parameters Interaction on Chlorogenic Acid from <i>Gynura procumbens</i> Leaves Water Extraction	(AGB 4) Acid Modified Jourdiqua Clay for Methanolysis of Castor Oil
15.05 – 15.20	(NB 16) Antioxidant Activity Of Malaysian Upland Rice By Frap Assay And Dpph Methods	(AGB 5) Screening of Indigenous Strains of Lactic Acid Bacteria for Development of probiotic for poultry

IPSB PROGRAM 2017

15.20 – 15.35	(NB 17) Optimization Extraction of Andrographolide from Andrographis paniculata extract by Accelerated Solvent Extraction Technique and Evaluation of its Antioxidant Activity and Tyrosinase Inhibitory Property	(AGB 6) Effect of Process Variable on the High Protein pasta
15.35 – 15.50	(NB 18) Effects Of Rutacea Plant Extract (ADD-X) And Heated Oil In Physiological Parameters, Oxidative Stress Marker And Fatty Acids Composition In Post-Menopausal Sprague Dawley Rats	(AGB 7) A Survey on Economics Factors of Local Entrepreneurs (SMEs) in Mersing District, Johor
15.50 – 16.05	(NB 19) Usage of Human Scalp Hair (HSH) as Potential Repellent Material for Wild Hog Invasive Activity	(ABG 8) Strategy of the stability of Bromelain activity incorporated in Topical Preparations
16.05 – 16.20	(NB 20) Effect of Temperature on the Extraction of Lutein from Scenedesmus sp Biomass	(ABG 9) Screening of Pineapple-based as Nutri-Cosmetic Potential
16.20 – 16.35	COFFEE BREAK	
16.35 – 17.00	CLOSING CEREMONY AWARDS PRESENTATION & LUCKY DRAW	