

CONFERENCE PROGRAMME

Wednesday 16th August 2017

TIME	EVENT	VENUE
08:00 – 09:00	Registration and welcome coffee	Ballroom Foyer
09:00 – 09:10	Welcome address by Prof. Dr. Hasidah Mohd. Sidek (MSBMB President)	Ballroom 2
S1 Chairperson: Prof. Dr. Hasidah Sidek		
09:10 – 09:50	Plenary 1 - Aini Ideris Unlocking the Wonders of Edible Bird Nest	Ballroom 2
09:50 – 10:15	Invited 1 – Sadequr Rahman Towards Increasing the Value of the Rice Crop	
10:15 – 10:45	Coffee Break/Poster Viewing/Judging Session/Scientific Exhibition	Ballroom Foyer
S2 Chairperson: Assoc. Prof. Dr. Firdaus Raih		
10:45 – 11:25	Plenary 2 - GJ Wilhelmus Hol A Structure-Guided Approach to the Design of Trypanosomatid tRNA Synthetase Inhibitors	Ballroom 2
11:25 – 11:50	Invited 2 - Paul Michels Drug Discovery for Neglected Tropical Diseases Caused by Trypanosomatids; Development of Selective Phosphofructokinase Inhibitors with Anti-Parasite Activity	
11:50 – 12:15	Oral 1 - Mohd Shukuri Mohamad Ali Crystallographic and Structural Analysis of Ground and Space Grown Thermostable Lipase Crystals from <i>Geobacillus zalihae</i>	
12:15 – 13:00	Poster Viewing/Judging Session/Scientific Exhibition	Ballroom Foyer
13:00 – 14:00	Lunch	Link All Day Dining
S3 Chairperson: Prof. Dr. Sheila Nathan		
14:00 – 14:15	Oral 2 - Cahyo Budiman Versatility of Peptidyl Prolyl Cis-Trans Isomerase: Functions Beyond Catalysis	Ballroom 2
14:15 – 14:30	Oral 3 - Cha Thye San Overexpression of Omega-3 Desaturase Gene in <i>Chlorella</i> <i>vulgaris</i> and its Effect on Fatty Acid Biosynthesis	
14:30 – 14:55	Invited 3 - Zetty Norhana Balia Yusof The Upregulation of Thiamine (Vitamin B1) Biosynthesis in <i>Elaeis guineensis</i> Seedlings Under Biotic and Abiotic Stress Conditions	

14:55 - 15:35	Plenary 3 – Jae Chul Jeong Comparative Transcriptome Analysis of Sweet-Potato in Response to Abiotic Stress	
15:35 – 16:00	Coffee Break/Poster Viewing/Judging Session/Scientific Exhibition	Ballroom Foyer
S4 Chairperson: Dr. Noor Azmi Shaharuddin		
16:00 – 16:15	Oral 4 – Roya Biabanikhankahdani Conjugation of Tumor-Targeting Molecule to Virus-like Nanoparticles via Nanoglue for Cancer Targeting Drug Delivery	Ballroom 2
16:15 – 16:30	Oral 5 - Mohammad Tasyriq Che Omar Generation of a Functional Single-Chain Variable Fragment (scFv) Against HIV-1 Capsid Protein (p24)	
16:30– 16:55	Invited 4 - Sandy Loh Production of Avian Influenza H5N1 Vaccine Candidate Using a Modified Plant Virus-based Transient Expression Strategy	
16:55 - 17:20	Invited 5 - Chan Yoke Fun Enterovirus A71 Uses Cell Surface Heparan Sulfate Glycosaminoglycan as an Attachment Receptor	
17:20 - 18:30	Science Forum	
17:20 - 18:45	MSBMB AGM	
18:45 – 20:30	MSBMB High Tea 2017	

Thursday 17th August 2017

TIME	EVENT	VENUE
YSN Chairperson: Assoc. Prof. Dr. Renee Lim		
08:00 – 09:00	Meet the Experts: Networking Session for Young Scientists and Postgraduate Students (Session Co-hosted by MSBMB and YSN-ASM) Prof. Dr. Liong Min Tze Assoc. Prof. Dr. Chan Yoke Fun Assoc. Prof. Dr. Cheah Yoke Kqueen	Ballroom Foyer
S5 International Symposium of Animal Cell Technology Chairpersons: Prof. Dr. Tey Beng Ti & Prof. Dr. Hideki Yamaji		
09:00 - 09:05	Welcome Remarks - Prof. Dr. Hideki Yamaji	
09:05 – 09:45	Plenary 4 – Takeshi Omasa Integrated Next-Generation Cell and Cell Culture Engineering for Production of Biologics	Ballroom 2
09:45 – 10:10	Invited 6 - Satoshi Terada Silk Protein Sericin as Bio-Active Supplement for Mammalian Culture	
10:10 – 10:35	Invited 7 – Wang Yi-Ching The Role of Rab37-Mediated Exocytosis in Tumorigenesis	
10:35 – 11:55	Coffee Break/Poster Viewing/Judging Session/Scientific Exhibition	Ballroom Foyer
11:55 – 11:20	Invited 8 - Atsushi Yamanaka A Single Amino Acid Substitution in the Envelope Protein of Dengue Virus Suppressed Induction of Infection-Enhancing Antibody in a Mouse-DNA Vaccine Model	Ballroom 2
11:20 – 11:45	Invited 9 - Lim Kue Peng Cancer Immunotherapy: Advances and Pitfalls	
11:45 – 12:10	Invited 10 - Kyung-Hee Chun WNT Signaling Induces Galectin-3 Dependent STAT3 Activation and Accelerates Gastric Tumorigenesis	
12:10 - 12:35	Invited 11 - Ng Say Kong Optimization of Recombinant Protein Production Using Mammalian Cell Culture	
12:35 – 13:05	Poster Viewing/Judging Session/Scientific Exhibition	Ballroom Foyer
13:05 – 14:05	Lunch	Link All Day Dining

S6 Chairperson: Prof. Dr. Lim Yang Mooi YSN-ASM & MSBMB Young Investigators Session		
14:05 – 15.35	<p>Nur Shafika Mohd Sairazi Neuroprotective Effect of Tualang Honey on Kainic Acid-Induced Excitotoxicity in Rat Brain</p> <p>Cheng Hong Sheng Tocotrienol-Rich Fraction Rescued Hypertension, Hypercholesterolaemia and Overexpression of Receptor for Advanced Glycation End Product in Rats on High-Fat Diet</p> <p>Yip Chee-Hoo Construction of the Red Pigment Prodigiosin Operons Using a Synthetic Biology Approach</p> <p>Khong Mei Li Polyphosphate: A Mediator of Protein Folding in Osteoblasts</p> <p>De-Sheng Ker Purification, Biochemical Characterization and 3D-Structure Analysis of Sesquiterpene Synthase from <i>Persicaria minor</i></p> <p>Safoora Amini Identification of Genes Associated with Floral Transition and Flower Development in <i>Rafflesia cantleyi</i></p> <p>Lew Min Han Combined Molecular Adjuvant (CASAC) Enhances Humoral and Cellular Immune Response Against 16kdDa Alpha-Crystalline Tuberculosis Antigen</p> <p>Norfarrah Mohamed Alipiah Conserved Bacterial Small RNAs Exhibit Important Functions in Stressed <i>Burkholderia pseudomallei</i></p> <p>Low Yi Yik Adaptive Mechanisms of <i>Bacillus cereus</i> Isolated from Mamut Copper Mine Soil Sample</p> <p>Dayyabu Shehu Site-Directed Mutagenesis, Characterization and Study of the Interaction of Organochlorine Pesticides with Wild Type and Mutant Glutathione S-transferases from <i>Acidovorax</i> sp. KKS102</p> <p>Gan Chai Phei Drug Repurposing for the Treatment of Head and Neck Cancer</p>	Ballroom 2
15:35 - 16:00	Coffee Break	Ballroom Foyer

S7 Chairperson: Assoc. Prof. Dr. Hwang Jung Shan		
16:00 – 16:25	Invited 12 - Liong Min Tze Health Benefits of Probiotics	Ballroom 2
16:25 - 16:40	Oral 6 - Shazrul Fazry Sa'ariwijaya The Effect of MRN Complex and ATM Kinase Inhibitors on UVC-Treated Zebrafish Embryonic Development	
16:40 – 16:55	Oral 7 - Jaime Jacqueline Jayapalan Serum and Urine Inter-Alpha-Trypsin Inhibitor Peptides: A Potential Biomarker for Differentiating Cancer from Benign Prostate	
16:55 - 17:15	TechTalk – Mio Tonouchi SMRT Sequencing for Complete Genomes	
17:15 – 17:45	AWARDS PRESENTATION AND CLOSING CEREMONY	