

International Congress of the Malaysian Society for Microbiology (ICMSM2017) PROGRAMME

4th DECEMBER 2017 - PRE-SYMPOSIUM

TIME	AGENDA
1600 – 1900	PRE-REGISTRATION / POSTER AND BOOTH SETUP
DAY 1: 5th DECEMBER 2017	
TIME	AGENDA
0800 – 0900	REGISTRATION / POSTER SETUP
0900 – 0930	OPENING CEREMONY – Grand Ballroom
0930 – 0945	PHOTOGRAPHY SESSION
0945 – 1030	COFFEE BREAK / POSTER VIEWING & JUDGING
	Venue: Grand Ballroom <i>Chairperson: Assoc. Prof. Dr. Farah Diba Abu Bakar</i>
1030 – 1115	KEYNOTE ADDRESS 1: By Microbiology Award Recipient 2017 Prof. Mohd Ali Hassan <i>Integrated Green Biomass-Based Technologies for Future Sustainability</i> <i>Universiti Putra Malaysia</i>
1130 – 1230	42nd MSM Annual General Meeting
1230 – 1400	LUNCH
	Venue: Melati Room
	Venue: Grand Ballroom
	Symposium Session I: INDUSTRIAL MICROBIOLOGY <i>Chairperson:</i> <i>Dr. Lim Yin Sze</i>
	Symposium Session II: ENVIRONMENTAL MICROBIOLOGY <i>Chairperson:</i> <i>Prof. Dr. Vikineswary Sabaratnam</i>
1430 – 1500	Plenary 1 – Assoc. Prof. Dr. Taicheng Zhu <i>Improving the Robustness of Industrial Microbes through Metabolic Engineering</i> <i>Institute of Microbiology, Chinese Academy of Sciences</i>
	Plenary 3 – Assoc. Prof. Dr. Mike Manefield <i>Microbiology as a Foundation for Ecosystem Engineering</i> <i>School of Chemical Engineering, School of Civil and Environmental Engineering, University of New South Wales</i>
1500 – 1530	Plenary 2 – Assoc. Prof. Dr. Rosfarizan Mohamad <i>Process Improvement Strategies of Microbial Cultivations</i> <i>Universiti Putra Malaysia</i>
	Plenary 4 – Prof. Dr. Kenji Sakai <i>Microbiological Research Towards Sustainable Palm Oil Industry Coexisting with Environmental and Biodiversity Conservation</i> <i>Kyushu University, Japan</i>
1530 – 1550	IM01 Mr. Lee Fu Haw
	EM01 Dr. Nur Hazlin Hazrin-Chong

1550 – 1610	<p><i>Biotransformation of Palm Kernel Cake by Lactobacillus plantarum Ri11 via Solid State Fermentation</i></p> <p>Universiti Putra Malaysia</p>	<p><i>Coal as Substratum for Cell Attachment and Colonisation by Pseudomonas fluorescens Pf-5</i></p> <p>Universiti Kebangsaan Malaysia</p>
	<p>IM02 Mr. Arief Izzairy Zamani</p> <p><i>Non-Targeted and Targeted Metabolite Profile of Phialemonium Curvatum Aw02 Cultivated on Two Different Carbon Sources, Palm Oil Versus Glucose</i></p> <p>Universiti Kebangsaan Malaysia</p>	<p>EM02 Assoc. Prof. Dr. Geok Yuan Annie Tan</p> <p><i>Temporal Responses of Microbial Communities in Antarctic and Tropical Soils</i></p> <p>University of Malaya</p>
1610 – 1625	COFFEE BREAK	
1630 – 1650	<p>IM03 Dr. Mohd Asyraf Kassim</p> <p><i>Microalgal-Carbohydrate as a Biorefinery Feedstock for Biobased Chemical Production</i></p> <p>Universiti Sains Malaysia</p>	<p>EM03 Ms. Grace Lymie James</p> <p><i>Airborne Microorganisms of the 2013 Smoke and Haze Event in Petaling Jaya, Malaysia</i></p> <p>Universiti Kebangsaan Malaysia</p>
1700 – 1800	POSTER VIEWING & JUDGING	
1730 - 2200	SOCIAL EVENT	
DAY 2: 6th DECEMBER 2017		
0900 – 0945	<p>Venue: Grand Ballroom Chairperson: Prof. Dr. Thong Kwai Lin</p>	
	<p>KEYNOTE ADDRESS 2: Prof. Dr. Stephen Baker</p> <p><i>The Collateral Damage of Antimicrobial Access in Asia</i></p> <p><i>The Wellcome Trust Major Overseas Programme, Oxford University Clinical Research Unit (OUCRU), The Hospital for Tropical Diseases, Vietnam</i></p>	
0945 – 0955	ASM Promotional Slot	
1000 – 1020	COFFEE BREAK / POSTER VIEWING & JUDGING	
1030 – 1100	<p>Venue: Melati Room</p> <p>Symposium Session III: AGRICULTURAL MICROBIOLOGY Chairperson: Dr. Geetha Krishnasamy</p>	<p>Venue: Grand Ballroom</p> <p>Symposium Session IV: MEDICAL MICROBIOLOGY Chairperson: Assoc. Prof. Dr. Jacinta Santhanam</p>
	<p>Plenary 5 – Dr. Boonhiang Promdonkoy</p> <p><i>Microbial Biocontrol Agents: Development & Application for Control of Insect Pest</i></p> <p>BIOTEC Thailand</p>	<p>Plenary 7 – Prof. Dr. Linfa Wong</p> <p><i>What Makes Bats a Reservoir of Emerging Viruses?</i></p> <p>Duke-NUS Medical School, Singapore</p>

1100 – 1130	Plenary 6 – Dr. Idris Abu Seman <i>Ganoderma Disease in Oil Palm: Research Findings, Adoption by the Oil Palm Plantations and Future Studies</i> Malaysia Palm Oil Board	Plenary 8 – Prof. Dr. Shyamala Devi Sekaran <i>Probable Factors Associated with Plasma Leakage in Severe Dengue Infections</i> MAHSA University
1130 – 1150	AM01 Dr. Sharifah Noor Emilia <i>Quorum Sensing Inhibitors Activities from Bacteria Associated with Sea Weed in Pulau Bidong</i> Universiti Malaysia Terengganu	MMOI Ms. Siti Yatimah Mohamad <i>Determination of Co-Trimoxazole Resistance Gene Transfer from Nontypeable Haemophilus influenzae to Haemophilus influenzae Type B</i> Universiti Teknologi MARA
1150– 1210	AM02 Dr. Nadiya Akmal Baharum <i>Transgenic ‘Berangan’ Banana Harboring Pathogenesis-Related 10 (PR-10) Gene Showed Delayed Response to Fusarium oxysporum f. sp. cubense Infection</i> Universiti Putra Malaysia	MM02 Dr. Doris HX Quay <i>Structural and Functional Studies of YuiC, an Analogous Protein of Actinobacteria RPFS in Firmicutes</i> Universiti Kebangsaan Malaysia
1210 – 1230	AM03 Prof. Dr. Vikinesary Sabaratnam <i>Rhizosphere Soils of Crop Plants Harbour Actinomycetes with Potential Plant Growth and Protection Activities</i> University of Malaya	MM03 Assoc. Prof. Dr. Meng Ling Moi <i>Development of an Efficient Assay for Dengue Virus (Denv) Detection and Isolation by Using Fcyr-Expressing Cells</i> Institute of Tropical Medicine, Nagasaki University
1300 – 1415	LUNCH	
	Venue: Melati Room	Venue: Grand Ballroom
	Symposium Session V: GENERAL MICROBIOLOGY <i>Chairperson: Assoc. Prof. Dr Wan Zuhainis Saad</i>	Symposium Session VI: MICROBIAL OMICS AND MOLECULAR BIOLOGY <i>Chairperson: Assoc. Prof. Dr Farah Diba Abu Bakar</i>
1430 – 1500	Plenary 9 – Dr. Satinee Suetrong <i>Thai Marine Fungal Bioresources: From Biodiversity to Utilisation and Community Outreach</i> BIOTEC Thailand	Plenary 10 – Dr. Margit Winkler <i>Discover of New Enzymes by Homology and Beyond</i> acib GmbH, Institute of Molecular Biotechnology, Graz University of Technology, Austria
1500 – 1520	GM01 Dr. Wan Abd Al Qadr Imad Wan-Mohtar	Plenary 11 – Assoc. Prof. Dr. Mohd Firdaus Raih

	<p><i>Upstream and Downstream Processing of Bioactive Sulfated glucan from the Mycelium of Ganoderma lucidum</i></p> <p>University of Malaya</p>	<p><i>Burkholderia pseudomallei 'Omics': Exploring the biology of an enigmatic bacterium</i></p> <p>Universiti Kebangsaan Malaysia</p>
1520 – 1540	<p>GM02 Dr. Normi M. Yahaya</p> <p><i>Isolation and Characterisation of the Acidophilic Metal-Tolerant Enterobacter cloacae NZS with a Role in Iron Oxidation</i></p> <p>Universiti Putra Malaysia</p>	<p>(time taken by plenary 11)</p>
1540 – 1600	<p>GM03 Dr. Getha Krishnasamy</p> <p><i>In vitro Activity of a Novel Inhibitor of Methicillin-Resistant Staphylococcus aureus (MRSA) Strains Exhibiting Key Resistance Phenotypes</i></p> <p>Forest Research Institute Malaysia</p>	<p>MOMB01 (1530) Ms. Nardiah Rizwana Jaafar</p> <p><i>Unraveling the Structure of Carbonic Anhydrase from the Psychrophilic Yeast, Glaciozyma antarctica PI12</i></p> <p>Universiti Kebangsaan Malaysia</p>
1600 – 1620	<p>GM04 Ms. Elaine Chin Jinfeng</p> <p><i>Bioprospecting and Carbon Utilisation of Endophytic Fungi Isolated from Strobilanthes crispus.</i></p> <p>Universiti Putra Malaysia</p>	<p>MOMB02 (1550) Ms. Nurhani Mat Razali</p> <p><i>A Genome Analysis: The Influence of Transposable Elements on Genome Plasticity, Host Range and Pathogenicity of Rice Phytopathogens</i></p> <p>Universiti Kebangsaan Malaysia</p>
1630 – 1700	TEA BREAK / POSTER VIEWING & JUDGING	
1930 – 2230	ANNUAL DINNER AND AWARD CEREMONY	
DAY 3: 7th DECEMBER 2017		
0900 – 0945	<p>Venue: Grand Ballroom Chairperson: Prof. Dr. Kalaivani Nadarajah</p>	
	<p>KEYNOTE ADDRESS 3: Prof. Datuk Dr. Asma Ismail</p> <p><i>Research Trajectories Towards 2050</i></p> <p>Universiti Sains Malaysia / Academy of Sciences Malaysia</p>	
0945 – 1015	<p>Venue: Grand Ballroom</p> <p>Symposium Session VII: FOOD MICROBIOLOGY AND AFOB SESSION</p> <p>Chairperson: Assoc. Prof. Dr. Rosfarizan Mohamad</p>	<p>Venue: Melati Room</p> <p>Symposium Session VIII: GENERAL MICROBIOLOGY (2)</p> <p>Chairperson: Dr. Adelene Song Ai Lian</p>
	<p>Plenary 12: Prof. Dr. Peter C.K. Cheung</p>	<p>GM05 Assoc. Prof. Mohamed A. Al Abboud</p>

1015 – 1030 1030 – 1050	<p><i>An In vitro Study of the Fermentation of Prebiotic Mushroom Beta-Glucan and its Effect on Human Gut Microbiota</i></p> <p><i>The Chinese University of Hong Kong, Hong Kong</i></p>	<p><i>Safe Biosynthesis of Silver and Copper Nanoparticles and their Application for Fungal Plant Wilting Disease Treatment under Stress Condition of Jazan Region</i></p> <p><i>University Jazan, Saudi Arabia</i></p>
	COFFEE BREAK	
1050 – 1110	<p>FM01 Prof. Dr. Thong Kwai Lin</p> <p><i>Evaluation of Aptasensors for Detection of Salmonella enterica</i></p> <p><i>University of Malaya</i></p>	<p>GM06 Ms. Nadzirah Damiri</p> <p><i>Identification of Putative cis-LINKED sRNA Mediated Responses to Nutrient Depletion in Burkholderia pseudomallei</i></p> <p><i>Universiti Kebangsaan Malaysia</i></p>
	<p>FM02 Dr. Nor Zalina Othman</p> <p><i>Bioprocessing Strategies for Efficient Production of Probiotic Powder</i></p> <p><i>Universiti Teknologi Malaysia</i></p>	<p>GM07 Ms. Chin Lai Mun</p> <p><i>Changes in Soil Bacterial Diversity and Composition in an in vitro Simulated Temperature Rise Environment</i></p> <p><i>Universiti Malaysia Sabah</i></p>
1110 – 1130	<p>FM03 Dr. Belal J. Muhiaddin</p> <p><i>De novo Novel Antifungal Peptides Produced by Malaysian Local Isolates of Lactic Acid Bacteria</i></p> <p><i>Universiti Putra Malaysia</i></p>	<p>GM08 Ms. Atchareeya Nakkarach</p> <p><i>Probiotic Characteristic of Escherichia coli Isolated from Fecal Sample of Thai Adults</i></p> <p><i>Universiti Putra Malaysia</i></p>
1130 – 1150	<p>FM04 Dr. Khalilah Abd Khalil</p> <p><i>Characterisation of Fermented Milky Mushrooms (Calocybe indica) Using Consortium of Lactobacillus spp.</i></p> <p><i>Universiti Teknologi MARA</i></p>	<p>GM09 Ms. Merisa B. Faiz</p> <p><i>Multiple Cytotoxicity Origin of Antimicrobial Nanosilver</i></p> <p><i>University of Technology Sydney, Sydney</i></p>
1200 – 1230	AWARD PRESENTATION AND CLOSING CEREMONY – Grand Ballroom	
1230 – 1330	LUNCH	