

LIST OF PRESENTERS

Category: Food Science

Oral Presenter

No	Detail
IS004	Assoc. Prof. Dr. Xing Liu Shanghai Academy of Agricultural Sciences Multisource Fingerprint-Based Identification of Geographical Origin and Production Practices of Agricultural Products
FO001	Assoc. Prof. Ts. Dr. Lim Seng Joe Universiti Kebangsaan Malaysia (UKM) From Seaweed to Bioplastics: Optimised Processing and Functional Properties of <i>Gracilaria Changii</i> -Chitosan Composite Films
FO002	Ms. Emily Koh Jia Xin Universiti Kebangsaan Malaysia (UKM) Physicochemical, Biological and Safety Assessment of Sacha Inchi Leaves Kombucha
FO003	Ms. Ivy Geralyn Nangan Anak Melana Universiti Malaysia Sarawak (UNIMAS) Impact of Two-Year Storage on Phytochemical Profiles and Bioactivity of Sarawak Indigenous Rice: A Comparative Study of Bario, Buran, and Chelum Halus Varieties
FO004	Ms. Maziah Binti Supian Universiti Kebangsaan Malaysia (UKM) Influence of the Addition of Oil and Storage Temperatures on the Resistant Starch, Organoleptic Profile of Red Rice, and Sensory Acceptance
FO005	Mr. Eldwin Ooi Ze Hao Monash University Malaysia Prebiotic Potential of Carbohydrate Extracted from Defatted Mixed Microalgae Species
FO006	Ms. Nur Akmal Solehah Din Universiti Kebangsaan Malaysia (UKM) Enhanced Biochemical Composition and Antioxidant Activity of <i>Gracilaria Changii</i> Via Hydrothermal Pretreatment and Dual-Enzymatic Hydrolysis

FO007	Assoc. Prof. Ts. Dr. Tang Pei Ling Tunku Abdul Rahman University of Management and Technology Enzymatic Processing Versus Fermentation: Balancing Bioactivity and Sensory Quality in Beetroot Juice
FO008	Dr. Maimunah Mohd Ali Universiti Kebangsaan Malaysia (UKM) Effect of Different Drying Methods on Proximate Composition and Physicochemical Properties of Rock Melon
FO009	Assoc. Prof. Dr. Decha Sermwittayawong Prince Songkla University (PSU), Thailand Comparative Antidiabetic Potential of Edible Bird's Nest Hydrolysates Derived from Single-Enzyme and Multi-Enzyme Digestion
FO010	Ms. Tan Xin Yi Tunku Abdul Rahman University of Management and Technology Development of A Green Processing Approach for Beetroot Juice Production
FO011	Ms. Nur Qistina Abdul Razak Universiti Kebangsaan Malaysia (UKM) Microwave-Assisted Extraction Improves Yield and Enzyme Inhibitory Activity of <i>Centella Asiatica</i> Polysaccharides
FO012	Mr. Mithul Aravind S Prince Songkla University (PSU), Thailand Antidepressant Potential of Cashew Leaves Derived from Gut Microbial Fermentation
FO013	Ms. Pareena Suklim Prince Songkla University (PSU), Thailand Antioxidative Compound Presented in Natural-Fertilized <i>Coprinopsis Radiata</i> Mushroom
FO014	Dr. Nisa Alfilasari Prince Songkla University (PSU), Thailand Sub-Chronic Oral Toxicity and Neurobehavioral Effects of Kapi-Pla in Alzheimer's Disease Models
FO015	Assoc. Prof. Dr. Mohd Shazrul Fazry Sa' Ariwijaya Universiti Kebangsaan Malaysia (UKM) Synergistic Hepatoprotective Effects of <i>Dimocarpus Longan</i> and <i>Orthosiphon Stamineus</i> Through PI3K and ESR1 Signalling

FO016	Mrs. Izyan Irdina Binti Rosroha @ Mohd Azhar Universiti Kebangsaan Malaysia (UKM) Decoding Functional Compounds in <i>Garcinia Celebica</i> Using ¹ H-NMR Metabolomics
FO017	Dr. Song Cheen Universiti Kebangsaan Malaysia (UKM) Associations Between Food Intake, Body Weight Status and Gut Microbial Composition in A Multi-Ethnic Southeast Asian Cohort
FO019	Mr. Raj Kumar John Kumar Prince Songkla University (PSU), Thailand Nutritional Composition, Textural, Histological and Structural Properties of Giant Sea Catfish (<i>Arius Thalassinus</i>) Roe as Affected by Size
FO020	Dr. Arunachalasivamani Ponnusamy Prince Songkla University (PSU), Thailand Carbon Dots from Tuna Stick-Water Doped with Phenolic Acids: Physicochemical Properties with Enhanced Antioxidant/Antimicrobial Activities
FO021	Dr. Ter Zhi Yin Universiti Kebangsaan Malaysia (UKM) Novel Biotransformation of Edible Bird's Nest Glycoproteins Via Proteolytic Fermentation for Enhanced Functional Properties
FO022	Ms. Mariah Aqilah Binti Mohd Affandy Universiti Kebangsaan Malaysia (UKM) From Hydrolysis to Printability: Rheological Properties of Edible Bird's Nest for 3D Food Printing
FO024	Dr. Nurfatimah Binti Mohd Thani Universiti Kebangsaan Malaysia (UKM) Nanoemulsion of Morinda Extract
FO025	Mr. Thanapol Thiwong Prince Songkla University (PSU), Thailand ScanZapp AI
FO026	Dr. Chang Lee Sin IMU University Noni (<i>Morinda Citrifolia</i>) Leaf as an Alternative Substrat for Low-Caffeine Kombucha Production

FO027	Ts. Noranida Binti Radzuan Universiti Teknologi MARA (UiTM) Characterisation of Physicochemical, Rheological and Formulation Attributes of Commercial Gelatin-Based Gummy Products
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No	Detail
FP001	Ms. Nur Iman Saliha Binti Jafri Universiti Putra Malaysia (UPM) Effects of High-Pressure Processing on Rheological and Textural Properties of Xanthan-Coconut Water for Dysphagia-Friendly Beverages
FP002	Ts. Dr. Noor Soffalina Sofian Seng Universiti Kebangsaan Malaysia (UKM) Multifactorial Determinants of Lipolysis in Oil-in-Water Emulsions
FP003	Mr. Muhammad Ilham Bin Mamaud Universiti Kebangsaan Malaysia (UKM) Effects of Soaking Pretreatment and Ultrasound-Assisted Extraction on Structural and Functional Properties of <i>Gracilaria Changii</i> Agar
FP004	Dr. Norlida Mat Daud Universiti Kebangsaan Malaysia (UKM) Sensory and Nutritional Outcomes of Substituting Coconut Milk with Cow's Milk in Nasi Lemak
FP005	Ts. Dr. Nurul Aqilah Mohd Zaini Universiti Kebangsaan Malaysia (UKM) Effect of High Temperature on Lactic Acid Bacteria in Cincalok and Its Probiotic Potential Through in-vitro Evaluation
FP006	Prof. Dr. Yamauchi Masahito National Institute of Technology, Kagoshima College Development of Low-Potassium, High-Functionality Mushrooms Suitable for Dietary Restrictions in Patients with Chronic Kidney Disease
FP007	Mr. Tan Sam Yang Tunku Abdul Rahman University of Management and Technology Optimization of Mulberry Leaf Extract - Red Palm Oil Emulsion Gel Stability Via Response Surface Methodology (RSM)

FP008	Ms. Qinfang Chen Universiti Kebangsaan Malaysia (UKM) UV-Vis and NIR Spectroscopic Fingerprinting for Origin Authentication and Adulteration Detection of White Tea
FP009	Dr. Hafeedza Abdul Rahman Universiti Kebangsaan Malaysia (UKM) Anti-Obesity Effects and Metabolic Modulation of <i>Alpinia Mutica</i> Leaf Extract in High Fat Diet-induced Sprague Dawley Rats
FP010	Dr. Noorul Syuhada Mohd Razali Universiti Kebangsaan Malaysia (UKM) Transforming <i>Gracilaria</i> Sp. into High Quality Agar Using Microwave-Assisted Extraction
FP011	Mr. Deepak Anand Prince Songkla University (PSU), Thailand Synthesis, Characterization, and Anti-Listeria Activity of Chitosan Stabilized Selenium Nanoparticle.
FP012	Ms. Varsha Likhar Prince Songkla University (PSU), Thailand Antioxidant Activity and Stability Enhancement of Seabass Oil- in-Water Emulsions Using Ethanolic Duea Ching Fruit Extract
FP013	Dr. Zalifah Binti Mohd Kasim Universiti Kebangsaan Malaysia (UKM) Physicochemical Properties and Nutrient Composition of Guarana (<i>Paullinia Cupana</i>) Leaves Extract and Powder
FP014	Ms. Ankita Singh Prince Songkla University (PSU), Thailand Antifungal Properties of Endophytic Fungus <i>Fusarium Concentricum</i> Extract from Piper Betle for Shelf-Life Extension of Dried Salted Fish
FP016	Ts. Dr. Haslaniza Hashim Universiti Kebangsaan Malaysia (UKM) Effects of Different Drying Methods on the Physicochemical Properties, Phenolic Content and Antioxidant Activity of Black Pepper (<i>Piper Nigrum</i>)
FP017	Assoc. Prof. Dr. Saiful Irwan Zubairi Universiti Kebangsaan Malaysia (UKM) Bioactive Potential and in Silico Insights of Flavonoid-Enriched Feminine V Jelly and <i>Kaempferia Angustifolia</i> Extracts in Antioxidant and Anticancer Applications

FP018	Ms. Alia Aryssa Binti Abdul Haris Universiti Kebangsaan Malaysia (UKM) Fermentation Maturity-Driven Changes in the Volatile and Metabolic Profiles of Belacan: A Chemometric Study
FP019	Mr. Lee Chee Han & Dr Lim Seng Joe Universiti Kebangsaan Malaysia (UKM) Development of Edible Bird Nest Effervescent Tablet as Health Supplement
FP020	Ms Wan Nur Syafiqah Wan Azmi & Ts. Dr. Noor Soffalina Sofian Seng Universiti Kebangsaan Malaysia (UKM) Effects of Fat Replacement in Beef Patty Formulation Using Gac Fruit Oil Oleogel
FP021	Ms. Celeste Chan Vee Ann Universiti Kebangsaan Malaysia (UKM) Incorporation of Blueberry Pomace to Enhance the Antioxidant Activity in a Plant-Based Patty
FP022	Ms. Nur Afini Binti Ahmad Bakhtiar Universiti Kebangsaan Malaysia (UKM) Food Product Development - Blueberry Mushroom Crispy Snack
FP023	Mr Azamuddin Muhsin Bin Azmi & Ts. Dr Haslaniza Hashim Universiti Kebangsaan Malaysia (UKM) Comparison of Solar Drying and Heat Pump Drying on the Physicochemical Properties and Antioxidant Activity of Black Pepper (<i>Piper Nigrum</i>)
FP024	Ms. Nurul Sakinah Binti Jauhari Universiti Kebangsaan Malaysia (UKM) Reduced-Sugar Blueberry Dodol
FP025	Ms. Siti Aida Binti Mohd Aziman Universiti Kebangsaan Malaysia (UKM) Comparison of the Phenolic Content and Antioxidant Activity of Black Pepper (<i>Piper Nigrum</i>) Using the Solar and Conventional Drying Method
FP026	Ms. Noor Shafiqa Binti Abdullah Universiti Teknologi MARA (UiTM) Salt Reduction in Processed Foods: A Systematic Review of Technological, Sensory and Policy Pathways for Scalable Implementation

FP027	Mr. Nik Muhammad Nazif Bin Nik Hassan Universiti Kebangsaan Malaysia (UKM) UHPLC-QTOF-MS Metabolite Profiling and Network Pharmacology of Vella Booster Malaysian Botanical Beverage: Molecular Insights into Reproductive Target Modulation
FP028	Dr. Arnida Hani Teh Universiti Kebangsaan Malaysia (UKM) Effects of Dehydration on the Quality Attributes and Antioxidant Potential of Stingless Bee Honey

LIST OF PRESENTERS

Category: Bioscience

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IS003	Prof. Dr. Yuanda Song Qilu Medical University, Shandong Engineering Research Center of Precision Nutrition and Healthy Aging, Zibo 255300, Shandong, China Deciphering Carbon–Nitrogen Regulatory Networks for Enhanced Lipid Biosynthesis in the Oleaginous Fungus <i>Mucor Circinelloides</i>
BO001	Dr. Sylvia Chieng Universiti Kebangsaan Malaysia (UKM) Harnessing Indigenous <i>Bacillus</i> and <i>Priestia</i> Species for Polyethylene Terephthalate Degradation
BO002	Dr. Mohamed Yusuf Mohamed Nazir Universiti Kebangsaan Malaysia (UKM) The Significance of Nitrogen (N) Availability in the Regulatory Coordination of Lipogenic Metabolons for Saturated (SFA) and Polyunsaturated Fatty Acid (PUFA) <i>Biosynthesis in Aurantiochytrium</i> Sp. Sw1.
BO003	Dr. Walftor Bin Dumin Universiti Malaysia Sarawak (UNIMAS) Identification and Characterization of <i>Dickeya Zeae</i> Associated to Heart Rot Disease on Pineapple Plant in Southern Region of Sarawak, Malaysia
BO004	Ms. Sophia Ann Anak Suring Universiti Malaysia Sarawak (UNIMAS) Non-Destructive Postharvest Monitoring of Terung Asam (<i>Solanum Lasiocarpum Dunal.</i>): Correlating Thermal Emissivity with Chlorophyll Kinetics
BO005	Dr. Babul Airianah Othman Universiti Kebangsaan Malaysia (UKM) Isolation and Characterisation of Antidiabetic Polysaccharides from <i>Centella Asiatica</i>

BO006	Dr. Khairul Anwar Ishak Universiti Kebangsaan Malaysia (UKM) Innovative Microbial Waste-Derived Nanocomposite-Coated Urea Markedly Enhances Nutrient Use Efficiency and Crop Growth
BO007	Dr. Su Datt Lam Universiti Kebangsaan Malaysia (UKM) GOLFPRED: A Generalisable Protein Language Model-Based Predictor of Gain- and Loss-of-Function Mutations Across Distant Protein Homologs
BO008	Assoc. Prof. Dr. Nurul Syakima Binti Ab Mutalib Universiti Kebangsaan Malaysia (UKM) Differential Tumour-Associated DNA Methylation Burden in Right- and Left-Sided Colorectal Cancer
BO009	Ms. Rattanapan Phomchaiya Prince Songkla University (PSU), Thailand Characterization of Newly Isolated Calcite-Precipitating Bacteria and Optimization Through Response Surface Methodology
BO010	Ms. Shifa Karunia Atletika Adha Prince Songkla University (PSU), Thailand Bioconversion of Molasses and Tuna Condensate Wastes into Alternative Fungal Chitin-Containing Polysaccharide, and Possibility of Hydroxyapatite Accumulation in Fungal Cell
BO011	Assoc. Prof. Dr. Nurul Wahida Binti Othman Universiti Kebangsaan Malaysia (UKM) Bioactivity of Kaempferia Galanga Rhizome Essential Oil as A Repellent and Insecticide Against the Rice Weevil, <i>Sitophilus oryzae</i>
BO012	Dr. Mohd Ikmal Asmuni Universiti Kebangsaan Malaysia (UKM) Comparative Analysis of Microbial Taxonomy and Diversity Among Selected Rice Genotypes Under Water-Saving Irrigation
BO013	Dr. Sarahani Harun Universiti Kebangsaan Malaysia (UKM) Computational Standardization and Biochemical Classification of Bioactive Compounds from Malaysian Traditional Herbs
BO014	Mr Phurin Wongtanhin Prince Songkla University (PSU), Thailand Cytotoxic Potential of Plant-Derived Extracellular Vesicles from <i>Gnetum Gnemon Linn.</i> Against Cervical Cancer Cell Lines

BO015	Mr. Natchanon Nootanee Prince Songkla University (PSU), Thailand Isolation and Characterization of <i>Salmonella</i> Spp. from Coastal Seawater Following Severe Flooding
BO016	Assoc. Prof. Dr. Nazariyah Yahaya Universiti Sains Islam Malaysia (USIM) Metabolomic Profiling of Nutrient-Mobilizing Bacterial Biofertilizers from Oil Palm Mesocarp Fiber for Food Security

Poster Presenter

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BP002	Prof. Dr. Mahanem Mat Noor Universiti Kebangsaan Malaysia (UKM) Modulation of Sperm Quality, Oxidative Stress, and DNA Fragmentation by Standardized <i>Moringa Oleifera</i> Extract in Diabetes-induced Rats
BP003	Dr. Muhammad Redha Bin Abdullah Zawawi Universiti Kebangsaan Malaysia (UKM) Beyond Protein Synthesis: Ribosomal Biogenesis in Acute Myeloid Leukemia
BP007	Dr. Norefrina Shafinaz Binti Md Nor Universiti Kebangsaan Malaysia (UKM) Anti-Herpes Virus Type 1 Activity Maintained Despite of Striking Metabolomic Divergence
BP008	Ms. Nur Athirah Filzah Binti Zainilabidin Universiti Kebangsaan Malaysia (UKM) Global Metabolic Adaptations of <i>Aurantiochytrium</i> Sp. Sw1 Under Differential Nitrogen Regimes
BP009	Dr. Noor Zarina Binti Abd Wahab Universiti Sultan Zainal Abidin, Malaysia Antioxidant, Antibacterial, and Anticandidal Properties of <i>Melaleuca Cajuputi</i> Subspecies <i>Cumingiana</i> and <i>Persicaria Minor</i> Hydrosols
BP010	Ts. Dr. Aliff Hisyam Bin A Razak Universiti Tun Hussein Onn Malaysia Engineering a Dual-Bioactive Silicone Patch with Curcumin and Snail Mucin: RSM-Optimized Multi-Functionality for Advanced Skin-Adhesive Applications

BP011	Ms. Safwatul 'Athirah Muhamad Azmi Universiti Kebangsaan Malaysia (UKM) Molecular Identification of Insects Species Associated with Organic Jackfruit for Sustainable Horticultural Management
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Category: Chemical Science, Earth & Environment, Mathematics

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IS01	Assoc. Prof. P.Geol. Ts. Dr. Mohd Hariri Arifin Universiti Kebangsaan Malaysia (UKM) Geothermal Resources of Malaysia: Current Status and Future Opportunities
IS05	Prof. Dr. Weiguo Song Shanghai Academy of Agricultural Sciences Emerging Contaminants: From Environment to Food Issues
CO001	Mr. Too Yi Yang Universiti Kebangsaan Malaysia (UKM) Agricultural Waste Derived Calcium Mineralisation Composite as Sustainable Cementitious Material
CO002	Assoc. Prof. Dr. ChM. Hanis Binti Mohd Yusoff Universiti Malaysia Terengganu (UMT) Green Synthesis ZnO/rGO Nanocomposites Using <i>Christia Vespertilionis</i> Leaf Extract as Advanced Anode Materials for Sodium Ion Batteries
CO003	Assoc. Prof. Dr. Ahmad Bazli Ramzi Universiti Kebangsaan Malaysia (UKM) Microbial synthetic biology as green catalysts platform for polyethylene plastics decarbonization and sustainable biomanufacturing applications
EO001	Assoc. Prof. Dr. Saiful Arif Abdullah Universiti Kebangsaan Malaysia (UKM) Stakeholder Perceptions of Protected Area Threats and Values Across Different Landscape Context in Selangor, Peninsular Malaysia
EO002	Dr. Syed Muhammad Ibad Universiti Kebangsaan Malaysia (UKM) Explainable ML for Carbon Capture: Optimizing Porous Carbons for Energy, Climate, and the Environment
EO003	Ms. Eneilsha Nelson Entap Universiti Kebangsaan Malaysia (UKM) Integrated Remote Sensing and Habitat Modelling Reveal Mammalian Dynamics in Restored Malaysian Natural-Freshwater Lakes

MO001	Dr. Lee Loong Chuen Universiti Kebangsaan Malaysia (UKM) Exploring Morphometric Variations of Handwritten Numerals Among Muslim Malaysian Learners of Arabic Using Self-organizing Maps for Forensic Investigation
MO002	Mr. Noppakorn Wunnoy Prince Songkla University (PSU), Thailand Instruction Fine-Tuning of Low-Parameter Language Models for Localized Culinary Automation: A Feasibility Study
MO003	Mr. Teerapat Vatpitak Prince Songkla University (PSU), Thailand <i>Salacca Zalacca</i> Orchard Management System with Pollination Tracking
MO004	Mr. Thanawat Manma Prince Songkla University (PSU), Thailand Claw Smart Dealer: An AI-Powered Natural Language Processing Assistant for Rubber Purchasing Stations Via Line Application
MO005	Mr. Tawatchai Ermcha Prince Songkla University (PSU), Thailand Udang AI: An Intelligent Multilingual Assistant for Halal Tourism in Songkhla

Poster Presenter

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CP001	Dr. Premanarayani Menon Universiti Kebangsaan Malaysia (UKM) Topical Curcumin Delivery Via Liposomal Gel Patch
CP002	Mr. Akmal Aizuddin Bin Zulkifli Universiti Kebangsaan Malaysia (UKM) Steam Explosion-Assisted Fractionation and Recovery of Cellulose Fibres from Durian Rind Waste
CP003	Dr. Nurul Shahirah Binti Aziz Malaysian Cocoa Board Profiling of Non-Volatile Compounds in Cocoa Liquor with Different Off-Flavour Characteristic

PP001	Dr. Muhammad Siddiq Fadhil Bin Sutrisno Universiti Kebangsaan Malaysia (UKM) Machine-Learning Prediction and Design of Li ⁺ /Na ⁺ Ionic Conductivity in Glasses
EP001	Assoc. Prof. Dr. Masni Mohd Ali Universiti Kebangsaan Malaysia (UKM) Distribution and Polymer Composition of Microplastics in Langkawi Recreational Beaches
EP002	Dr. Suriyanti Su Nyun Pau Universiti Kebangsaan Malaysia (UKM) Biodegradation Potential of Mangrove-Associated Bacteria on Synthetic Plastics from Negeri Sembilan and Johor, Malaysia
EP003	Mr. Nik Muhammad Akram Bin Mohd Zulmajdi Universiti Kebangsaan Malaysia (UKM) Occurrence and Characteristics of Microplastics in Recreational Beach Sediments of Langkawi Island, Malaysia
EP004	Dr. Akm Eahsanul Haque Universiti Teknologi Petronas Integrated Geomodeling and Machine Learning Framework for CO ₂ Storage Prospectivity in Structurally Complex Sedimentary Basins
EP005	Dr. Khairiatul Mardiana Jansar Universiti Kebangsaan Malaysia (UKM) Ecological Risk Assessment of Microplastics in Recreational Coastal Waters of Pulau Langkawi, Malaysia
EP006	Ms. Xianli Wang Shanghai Academy of Agricultural Sciences Spontaneously Formed Green and Designable Supramolecular Solvents for Efficient Extraction Per-and Polyfluoroalkyl Substances
EP008	Ms. Nurul Hanan Ahmad Uma & Dr. Noor Sharizad Rusly Universiti Kebangsaan Malaysia (UKM) Advancing Dengue Prevention Technology: Community Acceptance and Intention to Adopt Autocidal Traps in the Klang Valley, Malaysia
EP009	Ms. Nurdayana Mohd Rizal & Dr Noor Sharizad Rusly Universiti Kebangsaan Malaysia (UKM) Beyond Fogging: Public Readiness for Wolbachia-Based Dengue Control in Klang Valley, Malaysia

MP001	Mr. Nazirul Hakim Bin Yunsi Universiti Malaysia Terengganu (UMT) Modelling Sea Turtle Population Dynamics Using Fractional-Order Differential Equations
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