

DAY 1: 18 AUGUST 2021
SESSION: ORAL PRESENTATION A

Time	Speaker	Title
10.50 – 11.10	Ahmad Alif Danial Zailan <i>Universiti Sains Malaysia (USM), Malaysia</i>	Xanthones from the stem bark of <i>Calophyllum lowei</i> Planch. & Triana
11.10– 11.30	Juriyati Jalil <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>	Phytochemicals from <i>Alphonsea elliptica</i> and their anti-inflammatory Activity
11.30 – 11.50	Alexandra Quek <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Identification of dipeptidyl peptidase-4 (DPP-4) and α -amylase Inhibitors from <i>Melicope glabra</i> and <i>M. latifolia</i> (Rutaceae)
11.50 – 12.10	Andrianopсыh Mas Jaya Putra <i>Institut Sains dan Teknologi Al-Kamal (ISTA), Indonesia</i>	<i>In-vitro</i> anti-plasmodial activity of an analog of andrographolide
12-10- 12. 30	Chee Cheok Wui <i>Universiti Malaya (UM), Malaysia</i>	Morindone inhibits the gene expression of mutated p53 and KRAS in colorectal cancer cell lines

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SESSION: ORAL PRESENTATION B

Time	Speaker	Title
10.50 – 11.10	Siti Mariam binti Abdul Lathiff <i>Universiti Teknologi Malaysia (UTM), Malaysia</i>	Flavonoids from <i>Artocarpus elasticus</i> roots - isolation and <i>in silico</i> towards - glucosidase enzyme
11.10 – 11.30	Siti Mariam binti Yaacob <i>Universiti Sultan Zainal Abidin (UniSZA), Malaysia</i>	Effects of goniotalamin treatment on biochemical parameters, peripheral blood and spleen of induced leukemic mice
11.30 – 11.50	Nurul Farah Adni bt Mat Zian <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Mapping molecular networks within butterfly pea for the identification of neuroprotective and anti-neuroinflammation agents
11.50 – 12.10	Thiruventhan Karunakaran <i>Universiti Sains Malaysia (USM), Malaysia</i>	Antinociceptive and cytotoxic evaluations of ketum leaf extracts prepared using accelerated solvent extraction technique
12-10 – 12.30	Ida Syazrina Ibrahim <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>	<i>Marantodes pumilum</i> authentication via chromatography and chemometric analysis
12.30 – 12.50	Amalina Ahmad Azam <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Multi-platform metabolomics analyses revealed the complexity of serum metabolites in LPS-induced neuroinflammed rats treated with <i>Clinacanthus nutans</i> aqueous extract

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SESSION: ORAL PRESENTATION C

Time	Speaker	Title
10.50 – 11.10	Syahrul Imran <i>Universiti Teknologi MARA (UiTM), Malaysia</i>	Synthesis of soritin hydrazone derivatives for α -glucosidase inhibition and molecular docking studies
11.10 – 11.30	Tanzina Sharmin Nipun <i>International Islamic University Malaysia (UIAM), Malaysia</i>	LCMS-based metabolomics and molecular docking to characterize α -glucosidase inhibitors from <i>Psychotria malayana</i> Jack leaves extract
11.30 – 11.50	Malina Jasamai <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>	Synthesis and docking of furo- and pyrrolo-pyrimidine derivatives against antimicrobial targets
11.50 – 12.10	Aimi Suhaily Saaidin <i>Universiti Teknologi MARA (UiTM), Malaysia</i>	Design and synthesis of a multi-tag exchangeable mosyl-type diazirine in photoaffinity labeling
12-10 – 12.30	Ka Woong Wong <i>Taylor's University (TU), Malaysia</i>	Synthesis and nitric oxide (NO) production inhibition activities of new amine derivatives from 1,3,6-trihydroxyxanthone

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Time	Speaker	Title
10.50 – 11.10	Noor Hidayah Pungot <i>Universiti Teknologi MARA (UiTM), Malaysia</i>	Chemical studies towards the total synthesis of daibucarboline A and Its derivatives via tetrahydro- β -carboline intermediates derived from <i>Neolitsea daibuensis</i>
11.10 – 11.30	Khairana Husain <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>	<i>In vitro</i> antiallergic activity of isolated compounds from <i>Moringa oleifera</i> Lam.
11.30 – 11.50	Muhammad Safwan Ahamad Bustamam <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Prophylactic effects of dietary <i>Isochrysis galbana</i> on immersion-challenged tilapia (<i>Oreochromis niloticus</i>) with <i>Streptococcus agalactiae</i> by spleen NMR-metabolomics
11.50 – 12.10	Liesel Mari M. Abaya <i>University of the Philippines (UP), Diliman, Philippines</i>	Potential α -glucosidase inhibitors from <i>Dracontomelon edule</i> leaves
12-10 – 12.30	Noor Baity Saidi <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Antifungal potential of <i>Melaleuca alternifolia</i> against fungal pathogen <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> Tropical Race 4

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Time	Speaker	Title
10.50 – 11.10	Mazlina Mohd Said <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>	Investigation on the antibacterial and anti-perspirant activity of <i>Curcuma xanthorrhiza</i>
11.10 – 11.30	Mohamad Jemain bin Mohamad Ridhwan <i>Universiti Teknologi MARA (UiTM), Malaysia</i>	Molecular docking-based site of metabolism predictions for <i>Centella asiatica</i> and <i>Orthosiphon stamineus</i> marker compounds to the oxidative active cavity of CYP3A4
11.30 – 11.50	Mohamad Nurul Azmi <i>Universiti Sains Malaysia (USM), Malaysia</i>	Cyclic polyketides from <i>Endiandra kingiana</i> Gamble (Lauraceae) and approaches towards the synthesis of kingianins
11.50 – 12.10	Mohammed Fadzil Sulaiman <i>Universiti Putra Malaysia (UPM), Malaysia</i>	¹ H-NMR metabolomics and transmission electron microscopy in distinguishing the cytotoxic potential of two <i>Citrullus lanatus</i> cultivars against gastric adenocarcinoma cells
12-10 – 12.30	Mohanapriya Gunasekharan <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Synthesis and characterization of pyrrolylated chalcones as anti-methicillin resistant <i>Staphylococcus aureus</i> (anti-MRSA) agents
12.30 – 12.50	Noor Syarafana Firouz <i>University Sains Malaysia (USM), Malaysia</i>	Chemical constituents from stem bark of <i>Calophyllum macrocarpum</i> Hook. f. and its biological activities

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Time	Speaker	Title
10.50 – 11.10	Mohd Syafik bin Mohamad Hamdan <i>Universiti Malaysia Pahang (UMP), Malaysia</i>	Identification of <i>Aquilaria beccariana</i> based on FESEM and volatile chemical compounds analysis
11.10 – 11.30	Wong Mui Yun <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Antifungal potential of herbal extracts against economically important fungal pathogens
11.30 – 11.50	Nancy Dewi Yuliana <i>Institut Pertanian Bogor (IPB) University, Indonesia</i>	Metabolomics of Indonesian Spices and their immunomodulatory activity
11.50 – 12.10	Fatimah Salim <i>Universiti Teknologi MARA (UiTM), Malaysia</i>	DFT-GIAO NMR Prediction of the New Chiral Alkaloids of <i>Uncaria longiflora</i> : Integration of Experimental and Theoretical Data
12-10 – 12.30	Ng Shean Yeaw <i>Universiti Malaysia Sabah (UMS), Malaysia</i>	Bornean medicinal ginger <i>Alpinia aquatica</i> : chemical composition and its antibacterial activity

DAY 2: 19 AUGUST 2021
SESSION: ORAL PRESENTATION A

Time	Speaker	Title
2.00 – 2.20	Suleiman Abubakar Garba <i>Universiti Putra Malaysia (UPM), Malaysia</i>	GC-MS analysis of bioactive constituents in the n-hexane extracts of <i>Mitragyna speciosa</i> (Korth)
2.20 – 2.40	Nurul Shazini Ramli <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Phytochemical profiling and α -amylase inhibitory activity of <i>Mangifera odorata</i> pulp
2.40 – 3.00	Qamar Uddin Ahmed <i>International Islamic University Malaysia (UIAM), Malaysia</i>	Identification, isolation and structure characterization of bioactive compounds from <i>Tetracera indica</i> leaves ethanol extract with α -glucosidase inhibitory activity
3.00 – 3.20	Ruberu T.I.S. <i>University of Sri Jayewardenepura, Sri Lanka</i>	<i>Evolvulus alsinoides</i> (L.) L.: antacid activity of combination of aqueous and ethanolic extracts.
3.20 – 3.40	Seemab Akram <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Preliminary <i>in-silico</i> analysis of CHS1 gene in 11 selected Zingiberaceae species

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SESSION: ORAL PRESENTATION B

Time	Speaker	Title
2.00 – 2.20	Aidilla Mubarak <i>Universiti Malaysia Terengganu (UMT), Malaysia</i>	The effect of <i>Neolamarckia cadamba</i> leaf extract-based coating on the quality of white shrimp (<i>Litopenaeus vannamei</i>)
2.20 – 2.40	Tee Khim Boon <i>Universiti Malaya (UM), Malaysia</i>	Quantification of andrographolide and identification of other phytochemicals in marketed <i>Andrographis paniculata</i> capsules
2.40 – 3.00	Nithiyaa Perumal <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Synergistic <i>in vitro</i> antidiabetic efficacy of dual herbal combination of <i>Taraxacum officinale</i> (L.) Weber ex F.H. Wigg and <i>Momordica charantia</i> L.
3.00 – 3.20	Mohamad Shazeli Che Zain <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Green extraction of flavonoids from oil palm (<i>Elaeis guineensis</i> Jacq.) leaves by natural deep eutectic solvents and development of antioxidant and wound healing plant extract-derived products
3.20 – 3.40	Nivetha Rajendran <i>University of Jaffna, Sri Lanka</i>	Analysis of coconut oil and flaxseed oil blends
3.40 – 4.00	Hajrah Suhardi <i>Mulawarman University, Indonesia</i>	Chemical profile and potency of <i>Albertisia papuana</i> leaves as withdrawal syndrome suppressor on animal model of narcotic addiction

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SESSION: ORAL PRESENTATION C

Time	Speaker	Title
2.00 – 2.20	Rashida Bashir <i>University of Education, Lahore, Pakistan</i>	Kinetic investigation for the production of a significant antibiotic bacitracin by <i>Bacillus licheniformis</i>
2.20 – 2.40	Fauziahanim Zakaria <i>Universiti Sains Malaysia (USM), Malaysia</i>	Zebrafish blues: amino acid metabolism perturbation in reserpine-treated zebrafish brain by ¹ H NMR-based metabolomics study
2.40 – 3.00	Chin-Soon Phan <i>Hokkaido University, Japan</i>	Sesquiterpenoids from the fungal plant pathogen <i>Bipolaris sorokiniana</i>
3.00 – 3.20	Nur Khaleeda Zulaikha Zolkeflee <i>Universiti Putra Malaysia (UPM), Malaysia</i>	A UHPLC-ESI-Orbitrap MS for assessment of metabolite profile in <i>Muntingia calabura</i> L.
3.20 – 3.40	Khamsah Suryati Mohd <i>Universiti Sultan Zainal Abidin (UniSZA), Malaysia</i>	Stem and leaf extracts of <i>Eurycoma longifolia</i> induce penile erection and promote ergogenic effect

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Time	Speaker	Title
2.00 – 2.20	Camille V. Rodriguez <i>University of the Philippines - Diliman, Philippines</i>	Molecular networking as an approach for the dereplication of antimicrobial compounds produced by shipworm isolates
2.20 – 2.40	Faridah Abas <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Antioxidant, α -glucosidase and nitric oxide inhibitory activities of six Algerian traditional medicinal plant extracts and ^1H NMR-based metabolomics of the active extract
2.40 – 3.00	Muhamad Faris Osman <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Discrimination of three Malaysian sirih (<i>Piper betle</i> L.) variants via GCMS-based metabolomics
3.00 – 3.20	Adlin Afzan <i>Institute for Medical Research (IMR), Malaysia</i>	Application of metabolomics and molecular networking in investigating the chemical profile and α -glucosidase inhibitory potential of <i>Ficus deltoidea</i> varieties
3.20 – 3.40	<i>Khaled Abdusalam</i> <i>University of Gharyan, Libya</i>	Isolation and characterization of compounds from <i>Oenanthe javanica</i> (Blume) DC and evaluation of antibacterial and sporicidal activities against <i>Bacillus species</i>

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Time	Speaker	Title
2.00 – 2.20	Rozaini Mohd. Zohdi <i>Universiti Teknologi MARA (UiTM), Malaysia</i>	<i>In vitro</i> and <i>in vivo</i> antiplasmodial activities of extracts from <i>Goniothalamus lanceolatus</i> against <i>Plasmodium falciparum</i> and <i>P. berghei</i>
2.20 – 2.40	Norhaizan Mohd. Esa <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Induction of apoptosis by <i>Eleutherine bulbosa</i> (Mill.) bulb extracted under optimized extraction condition on human retinoblastoma cancer cells (WERI-Rb-1)
2.40 – 3.00	Nurkhalida Kamal <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>	Phytochemical and biological attributes of <i>Phyllanthus niruri</i> and <i>P. urinaria</i> harvested at different development stages revealed by complementary NMR- and MS-based metabolomics approaches
3.00 – 3.20	Roslida Abd. Hamid <i>Universiti Putra Malaysia (UPM), Malaysia</i>	Anti-arthritic effect of <i>Ardisia crispa</i> (Thunb.) A. DC root mediated via angiogenesis inhibition <i>in vitro</i>
3.20 – 3.40	Md. Abdur Rashid Mia <i>International Islamic University Malaysia (UIAM), Malaysia</i>	Assessment of liver acute toxicity in mice of the Gods Crown extract
3.40 – 4.00	Neliswa A. Matrose <i>University of the Western Cape, South Africa</i>	Plant extracts and other natural compounds as alternatives for post-harvest management of fruit fungal pathogens

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SESSION: ORAL PRESENTATION F

Time	Speaker	Title
2.00 – 2.20	Wardah Mustafa Din <i>Universiti Kebangsaan Malaysia (UKM), Malaysia</i>	The Big Why: Contextualizing consumer purpose and motivations in consumption of natural health products
2.20 – 2.40	Fadzureena Jamaludin <i>Forest Research Institute Malaysia (FRIM), Malaysia</i>	Traditional knowledge documentation: orang asli Kensiu case study
2.40 – 3.00	Julius Kulip <i>Universiti Malaysia Sabah (UMS), Malaysia</i>	Traditional knowledge on highlands herbal medicines among the Dusun people in Mesilau Village, Kundasang, Ranau District, Sabah, Malaysia, Borneo
3.00 – 3.20	Maulidiani <i>Universiti Malaysia Terengganu (UMT), Malaysia</i>	ATR-FTIR and ¹ H-NMR metabolomics for monitoring the production of kombucha tea as a natural source of antioxidants
3.20 – 3.40	Mohammad Amil Zulhilmi Benjamin <i>Universiti Malaysia Sabah (UMS), Malaysia</i>	Ethnobotany and traditional knowledge of bamboos (Poaceae: Bambusoideae) in Asia and their applications in the complementary and alternative medicines: a review