

Instruction for Oral Presenter

1. All participants are required to **submit their presentation slides by 13 October 2025** through the designated link.
2. Please upload your slides **according to your assigned day and room** as listed below and **refer to the Tentative Programme** to confirm your presentation slot. When uploading, name your file as follows:

Day – Oral Presentation Number – Presenter’s Name (e.g., DAY 1 – OR30 – Dr. Fara Faiz)

Day 1: Ballroom: https://drive.google.com/drive/folders/1IHk2_HT5OveCiiTbM3PMEkXtZcDp6LXI?usp=share_link

Day 1: Melati 1: https://drive.google.com/drive/folders/1z91IdmmePUaWGE1vx29VEG3pR9bom9v1?usp=share_link

Day 1: Melati 2: https://drive.google.com/drive/folders/1LgwfgEzjvKZtaI_JXM9ouAU0K46U1wV2?usp=share_link

Day 1: Melati 3: https://drive.google.com/drive/folders/1YICz243GrbZ-FKbkDy1jI9wl_r4EzrBn?usp=share_link

Day 2: Ballroom: https://drive.google.com/drive/folders/1_nxGb3DPzkOxILu9RdGhqFICxkTK1WoC?usp=share_link

Day 2: Melati 1: https://drive.google.com/drive/folders/1cgtr-7OKd_fOWxxdV6bGeYmOAPS46h9j?usp=share_link

Day 2: Melati 2: https://drive.google.com/drive/folders/1cgtr-7OKd_fOWxxdV6bGeYmOAPS46h9j?usp=share_link

Day 2: Melati 3: https://drive.google.com/drive/folders/1cgtr-7OKd_fOWxxdV6bGeYmOAPS46h9j?usp=share_link

Day 3: Ballroom: https://drive.google.com/drive/folders/1cgtr-7OKd_fOWxxdV6bGeYmOAPS46h9j?usp=share_link

Day 3: Melati 1: https://drive.google.com/drive/folders/1U9Q55x5JWtBUtmcuRjgZ3KvNeu6XVPp1?usp=share_link

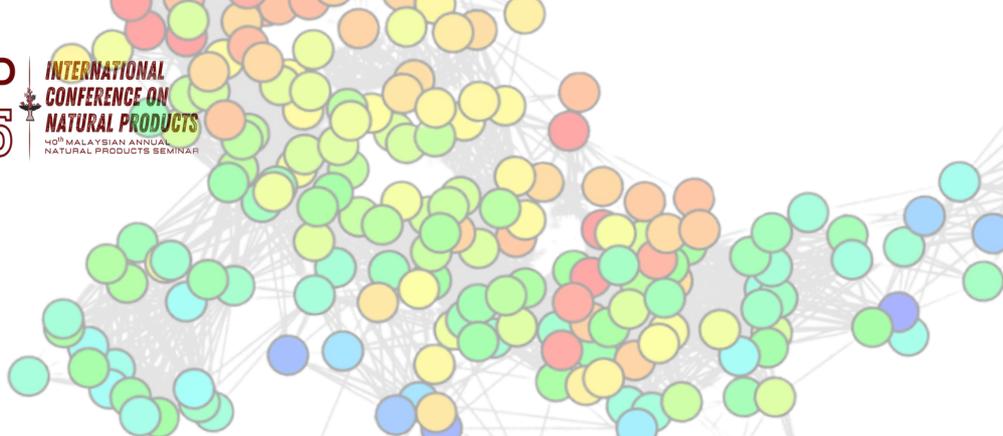
Day 3: Melati 2: https://drive.google.com/drive/folders/1U9Q55x5JWtBUtmcuRjgZ3KvNeu6XVPp1?usp=share_link

3. Each participant is required to present their project during the **oral presentation session**. Each session will consist of **10 minutes for presentation** and **5 minutes for Q&A**.
A **first bell** will ring at **7 minutes** to indicate 3 minutes remaining.
A **second bell** will ring at **10 minutes** to signal the end of the presentation.
4. There is **no specific format imposed** on the presentation slides; however, please ensure your content fits within the **10-minute presentation time**.



TENTATIVE PROGRAMME ARCSB X ICNP 2025

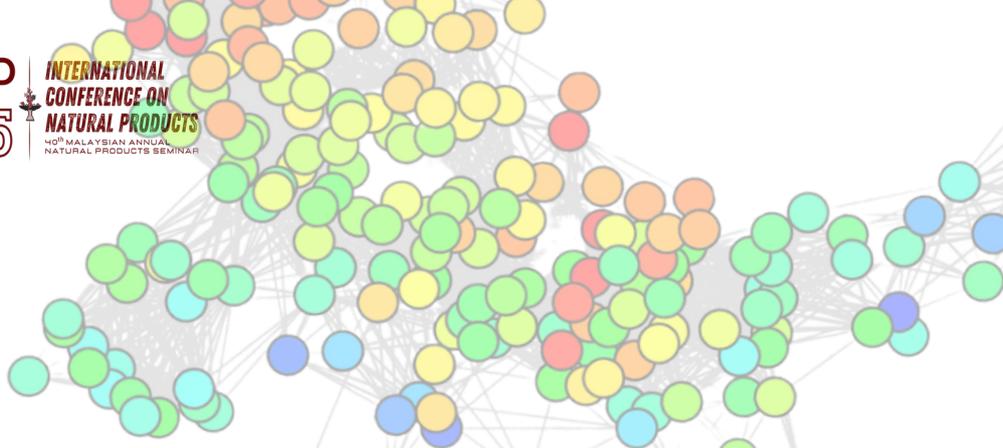
Day 1: 14 October 2025 (Tuesday)				
07:45 – 08:30	Registration			
Venue: Ballroom				
<i>Chairperson: Professor Emeritus Dato' Dr. Ikram M. Saïd</i>				
08:30 - 09:30	<i>Jack Cannon Lecture:</i> Title: Discovering Natural Products - Something Old Something New Speaker: Professor Dr. Khozirah Shaari (Universiti Putra Malaysia)			
09:30 - 09:50	<i>Technical Talk 1:</i> Title: NMR for Biology and Metabolomics Speaker: Mr. Kwanchai Khongwattananon (Bruker Biospin Group)			
<i>Chairperson: Professor Dato' Dr. Ibrahim Jantan</i>				
09:50 - 10:35	<i>Plenary Lecture 1: Subtheme: Biotechnology in Health, Food & Agriculture</i> Title: Uncovering Druggable Targets Through the Integration of Gene Dependency and Drug Response Data Speaker: Professor Dr. Sok Ching Cheong (Cancer Research Malaysia)			
10:35 - 11:20	<i>Plenary Lecture 2: Subtheme: Bioactive Natural Products</i> Title: Exploring the Potential of Bioactive Alkaloids of Ketum: Over a Decade of Research at the Centre for Drug Research Speaker: Professor Dr. Vikneswaran A/L Murugaiyah (University Sains Malaysia)			
11:20 - 13:00	OPENING CEREMONY			
13:00 - 14:00	Lunch break			
Venue: Ballroom				
14:00 - 14:20	<i>Technical Talk 2:</i> Title: Leveraging Raman-Based PAT for Enhanced Control in Biopharmaceutical Manufacturing Speaker: Ms. Poi Teng Tan (Thermo Fisher Scientific)			
Venue	Ballroom	Melati 1	Melati 2	Melati 3
	<i>Subtheme: Natural Products Chemistry</i>	<i>Subtheme: Natural Product Omics</i>	<i>Subtheme: Natural Product Fragrances and Flavors</i>	<i>Subtheme: Biotechnology in Health, Food & Agriculture</i>
	<i>Chairperson 1: Assoc. Professor Dr. Juriyati Jalil</i> <i>Chairperson 2: Dr. Thiruventhan Karunakaran</i>	<i>Chairperson 1: Assoc. Professor Dr. Munirah Mohd Faudzi</i> <i>Chairperson 2: Dr. Nurkhalida Kamal</i>	<i>Chairperson 1: Dr. Mohd Shukri Baba</i> <i>Chairperson 2: Dr. Mohd Shazeli Che Zain</i>	<i>Chairperson 1: Assoc. Professor Dr. Goh Hoe Han</i> <i>Chairperson 2: Assoc. Professor Dr. Hamidun Bunawan</i>



Day 1: 14 October 2025 (Tuesday)				
14:20 - 14:50	<i>Invited Speaker 1:</i> Title: Phenotype-Based Discovery of Bioactive Natural Products and Mechanistic Studies Speaker: Professor Dr. Masayoshi Arai <i>(Osaka University, Japan)</i>	<i>Invited Speaker 2:</i> Title: Indonesian Mushrooms Metabolomics: Bioactive Compounds Identification and Their In Vitro Bioavailability Speaker: Professor Dr. Nancy Dewi Yuliana <i>(IPB University, Indonesia)</i>	<i>Invited Speaker 3:</i> Title: Antidepressant Effects of Cajuput Essential Oil in Chronic Immobilisation Stress (Cis)-Induced Mice Model Speaker: Assoc. Professor Dr. Mohd Dasuki Bin Sul'ain <i>(Universiti Sains Malaysia)</i>	<i>Invited Speaker 4:</i> Title: From Farm to Function: A Preliminary Study on Health Outcomes of Inulin-Containing Plant-Based Foods Speaker: Assoc. Prof. Dr. Ruey Leng Loo <i>(Murdoch University, Australia)</i>
14:50 - 15:05	Oral presentation (OR 01)	Oral presentation (OR 06)	Oral presentation (OR 11)	Oral presentation (OR 16)
15:05 - 15:20	Oral presentation (OR 02)	Oral presentation (OR 07)	Oral presentation (OR 12)	Oral presentation (OR 17)
15:20 - 15:35	Oral presentation (OR 03)	Oral presentation (OR 08)	Oral presentation (OR 13)	Oral presentation (OR 18)
15:35 - 15:50	Oral presentation (OR 04)	Oral presentation (OR 09)	Oral presentation (OR 14)	Oral presentation (OR 19)
15:50 - 16:05	Oral presentation (OR 05)	Oral presentation (OR 10)	Oral presentation (OR 15)	Oral presentation (OR 20)
16:05 - 17:00	Coffee break / Poster presentation / Poster judging session			
Venue: Ballroom				
17:00 - 18:00	MNPS Annual Meeting			
Venue: Melur				
19:45 - 22:00	GALA DINNER & AWARD			



Day 2: 15 October 2025 (Wednesday)	
08:00 - 08:30	Registration
Venue: Ballroom	
Chairperson: Professor Dr. Syarul Nataqain Baharum	
08:30 - 09:30	<p><i>Keynote Lecture: Theme: Innovative Life Sciences for Sustainable Development Goals</i></p> <p>Title: Synthetic Biology for New-to-Nature Biochemicals</p> <p>Speaker: Professor Dr. Byung-Kwan Cho (Korea Advanced Institute of Science and Technology)</p>
09:30 - 09:50	<p><i>Technical Talk 3:</i></p> <p>Title: Ion Mobility Spectrometry: Applications in Natural Products Research</p> <p>Speaker: Dr. Jaran Jainhuknan (Bruker Daltonics)</p>
09:50 - 10:35	<p><i>Plenary Lecture 3: Subtheme: Renewable Resources & Synthetic Biology</i></p> <p>Title: Systems and Synthetic Biology: From Microbial Insights to Sustainable Innovation</p> <p>Speaker: Professor Dr. Wanwipa Vongsangnak (Kasetsart University, Thailand)</p>
10:35 - 10:50	Coffee break
Chairperson: Professor Dr. Faridah Abas	
10:50 - 11:35	<p><i>Plenary Lecture 4: Subtheme: Natural Product Omics</i></p> <p>Title: Computational Mass Spectrometry-based Metabolomics Broadens Insights into Natural Products</p> <p>Speaker: Assoc. Professor Dr. Kyo Bin Kang (Sookmyung Women's University, South Korea)</p>
11:35 - 11:55	<p><i>Technical Talk 4:</i></p> <p>Title: Bridging Science and Industry: Strategies for Developing Nutraceuticals with a Strong Scientific Foundation</p> <p>Speaker: Mr. Ahmad Safiyu'd-din Bin Hisamuddin (Nexus Wise Sdn Bhd)</p>
11:55 - 12:40	<p><i>Plenary Lecture 5: Subtheme: Bioinformatics & Computational Biology</i></p> <p>Title: Decoding Molecular Mechanisms and Cellular Heterogeneity with Single-cell and Spatial Omics in a Systems Biology Framework</p> <p>Speaker: Assoc. Professor Dr. Varodom Charoensawan (Mahidol University, Thailand)</p>
12:40 - 13:00	<p><i>Technical Talk 5:</i></p> <p>Title: Analytical Application of Mid-Infrared Fourier Transform Infrared (FTIR) Spectroscopy and 2D Infrared Correlation Analysis</p> <p>Speaker: Mr. Ooi Yee Khai (Perkin Elmer)</p>
13:00 - 14:00	Lunch break

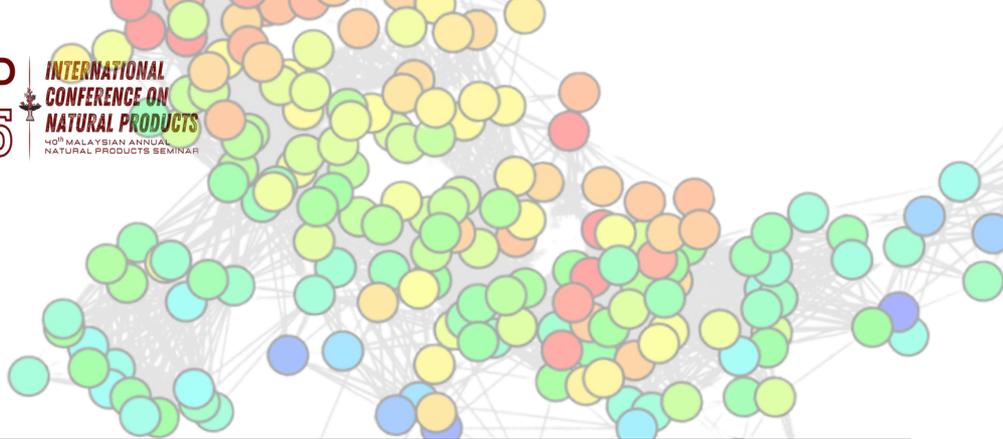


Day 3: 16 October 2025 (Thursday)				
08:00 - 08:30	Registration			
Venue	Ballroom	Melati 1	Melati 2	
	<i>Subtheme: Medicinal Chemistry & Drug Discovery</i>	<i>Subtheme: Renewable Resources & Synthetic Biology/Bioinformatics & Computational Biology</i>	<i>Subtheme: Bioactive Natural Products</i>	
	<i>Chairperson 1: Assoc. Professor Dr. Najihah Mohd Hashim Chairperson 2: ChM. Dr. Kamalrul Azlan Azizan</i>	<i>Chairperson 1: Dr. Ahmad Bazli Ramzi Chairperson 2: Dr. Low Chen Fei</i>	<i>Chairperson 1: Dr. Hamizah Shahirah Chairperson 2: Dr. Habsah Aziz</i>	
08:30 - 08:45	Oral presentation (OR 41)	Oral presentation (OR 45)	Oral presentation (OR 49)	
08:45 - 09:00	Oral presentation (OR 42)	Oral presentation (OR 46)	Oral presentation (OR 50)	
09:00 - 09:15	Oral presentation (OR 43)	Oral presentation (OR 47)	Oral presentation (OR 51)	
09:15 - 09:30	Oral presentation (OR 44)	Oral presentation (OR 48)	Oral presentation (OR 52)	
09:30 - 09:45	Coffee break			
Venue: Ballroom				
<i>Chairperson: Assoc. Professor Dr. Ng Chyan Leong</i>				
09:45 - 10:30	<i>Plenary Lecture 6: Subtheme: Natural Product Fragrances and Flavors Title: VOC-Based Strategies for Monitoring and Maintaining Freshness During Storage and Distribution Speaker: Assoc. Professor Dr. Kang-Mo Ku (Korea University, South Korea)</i>			
10:30 - 10:50	<i>Technical Talk 7: Title: Next-Gen Mass Spectrometry: Fast-Tracking Nature's Molecular Code Speaker: Dr. Dhaval Patel (Thermo Fisher Scientific)</i>			
10:50 - 11:20	<i>Invited Speaker 7: Subtheme: Medicinal Chemistry & Drug Discovery Title: Targeting Triple-Negative Breast Cancer with Novel Small Molecules Speaker: Assoc. Professor Dr. Lam Kok Wai (Faculty of Pharmacy, UKM)</i>			
11:20 - 11:35	<i>Technical Talk 8: Title: Advancing Microplastic Research with Thermo Nicolet FTIR Spectroscopy Speaker: Ms. Michelle Lee Jia Yin (Symphony Engineering Sdn Bhd)</i>			
11:35 - 12:30	PRIZE-GIVING CEREMONY & CLOSING REMARKS			
12:30 - 14:00	Lunch break			
	Venue: Melati		Venue: Melati	
14:00 - 17:00	Workshop Metabolomics GNPS Assoc. Professor Dr. Kyo Bin Kang (Sookmyung Women's University, Korea)		Workshop Single Cell Sequencing & Spatial Transcriptomics Assoc. Professor Dr. Varodom Charoensawan (Mahidol University, Thailand)	

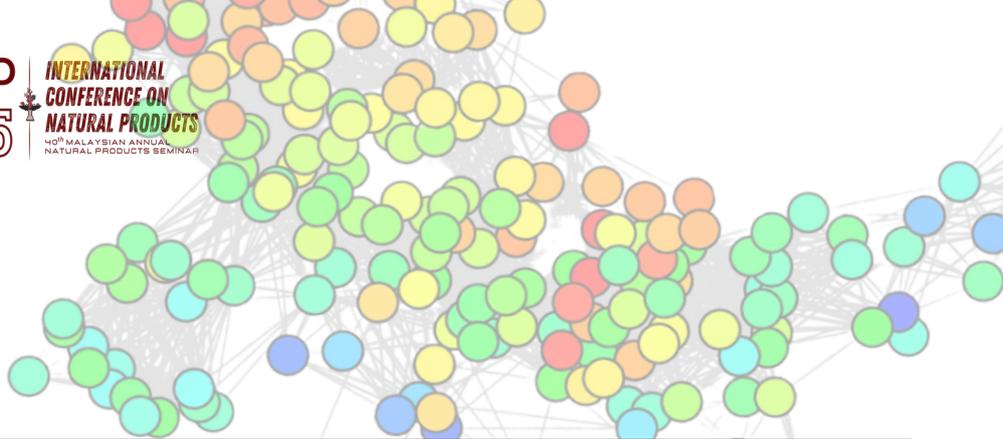


ORAL PRESENTATIONS

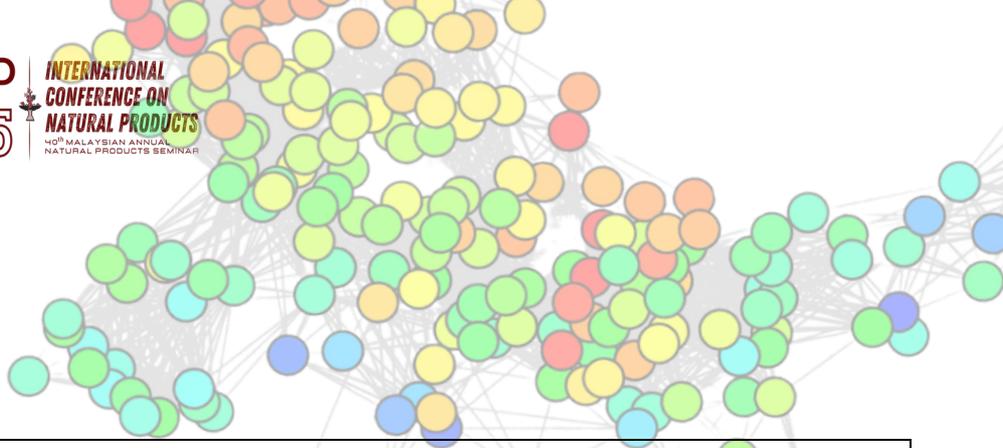
<p>Oral presentation 1 (OR 01)</p>	<p>Assoc. Prof. Dr. Wan Mohd Nuzul Hakimi (Universiti Pendidikan Sultan Idris, Malaysia)</p> <p>Untargeted Tandem Mass Spectrometry-Based Phytochemical Analysis and Isolation of a C-Methylated Chalcone from <i>Syzygium dyerianum</i></p>
<p>Oral Presentation 2 (OR 02)</p>	<p>Dr. Muhammad Afiq Ngadni (Universiti Putra Malaysia, Malaysia)</p> <p>Limonoids from <i>Chisocheton erythrocarpus</i> and Nano-Emulsion Formulation as Larvicidal Agents against <i>Aedes aegypti</i></p>
<p>Oral presentation 3 (OR 03)</p>	<p>Ms. Mas Atikah Lizazman (Universiti Teknologi MARA, Malaysia)</p> <p>Phytochemical Investigation of <i>Calophyllum sundaicum</i> P. F. Stevens: New Xanthone Isolation, Radical Scavenging Potential, and Molecular Insights into Antibacterial Activity</p>
<p>Oral presentation 4 (OR 04)</p>	<p>Assoc. Prof. Dr. Suciati Suciati (Universitas Airlangga, Indonesia)</p> <p>Anticholinesterase Activity of <i>Artocarpus spp</i>: In Vitro and In Silico Studies in the Search for Therapeutic Agents against Alzheimer's Disease</p>
<p>Oral presentation 5 (OR 05)</p>	<p>Prof. Dr. Norizan Ahmat (Universiti Teknologi MARA, Malaysia)</p> <p>Phytochemical Diversity and Glucose Uptake-Enhancing Potential of Two Underutilised Tropical Plants</p>
<p>Oral presentation 6 (OR 06)</p>	<p>Assoc. Prof. Dr Baskaran Gunasekaran (UCSI University, Malaysia)</p> <p>Targeted Biochemical Assessment and NanoString nCounter-Based Transcriptomic Insights into <i>Cinnamomum verum's</i> (Cinnamon) Mechanisms Against Hypercholesterolemia and Obesity</p>
<p>Oral presentation 7 (OR 07)</p>	<p>Ms. Norzahirah Ahmad (Institute of Medical Research, Malaysia)</p> <p>The Fantastic Five: Unravelling the Oral Pharmacokinetics of Key Compounds in Freeze Dried <i>Carica papaya</i> Leaf Juice</p>
<p>Oral presentation 8 (OR 08)</p>	<p>Ms. Hemavaruni Fernando (Deakin University, Australia)</p> <p>Investigation of The Antioxidant and Antimicrobial Properties of Marine Red Algae to Alleviate Food Spoilage.</p>
<p>Oral presentation 9 (OR 09)</p>	<p>Ms. Jegathiswary Ganasan (Universiti Sains Malaysia, Malaysia)</p> <p>Phytochemical Analysis on Different Leaf Parts of Malaysian Ketum (<i>Mitragyna speciosa</i> Korth.) and its In-vitro Hepatotoxicity Activity</p>



<p>Oral presentation 10 (OR 10)</p>	<p>Mr. S.Jasrey Max Suil (Universiti Putra Malaysia, Malaysia)</p> <p>Untargeted NMR Metabolomics and UHPLC-MS/MS-Molecular Networking Analyses to explore the anti-diabetic activity of <i>Ficus racemosa</i> L. Fruit Extracts</p>
<p>Oral presentation 11 (OR 11)</p>	<p>Ms. Nur Amirah Syahirah Ibrahim (INBIOSIS, Universiti Kebangsaan Malaysia, Malaysia)</p> <p>Metabolite Profiling and Phytotherapeutic Assessment of <i>Garcinia Mangostana</i> and <i>Gynura Procumbens</i> in Metabolic Dysfunction and Male Reproductive Health</p>
<p>Oral presentation 12 (OR 12)</p>	<p>Mrs. Mayushi Jayakody (Deakin University, Australia)</p> <p>Aroma-Active Chemicals In Shelf Stable Ready To Eat Dhal: Identification And Behaviour During Storage</p>
<p>Oral presentation 13 (OR 13)</p>	<p>Mrs. Puteri Elysa Alia Mohd Badri (INBIOSIS, Universiti Kebangsaan Malaysia, Malaysia)</p> <p>LC-MS/MS Profiling and Molecular Docking of <i>Polygonum minus</i> Bioactive Compounds Targeting Key Receptors in Acute Myeloid Leukemia</p>
<p>Oral presentation 14 (OR 14)</p>	<p>Ms. Tananya Tanabat (Prince of Songkla University, Thailand)</p> <p>Development and evaluation of natural oral and throat sprays containing <i>Quercus infectoria</i> extracts: A novel alternative anti-virulence approach for the treatment of <i>Streptococcus pyogenes</i> infections</p>
<p>Oral presentation 15 (OR 15)</p>	<p>Ms. Umi Hanani Harun (Universiti Teknologi MARA, Malaysia)</p> <p>Uncovering the Diversity and Antibacterial Potential of Malaysian Limestone Cave Soil Actinomycetes</p>
<p>Oral presentation 16 (OR 16)</p>	<p>Ms. Nurul Hidayah Mohd Rosedi (INBIOSIS, Universiti Kebangsaan Malaysia, Malaysia)</p> <p>The Addition of Cryoprotectant and Dermal Toxicology Assessment of Chitosan-Based Hexaconazole Nanoparticles to Control White Rot Disease of Rubber Tree.</p>
<p>Oral presentation 17 (OR 17)</p>	<p>Ms Sevitha Sandaran muthy (Universiti Malaya, Malaysia)</p> <p>Molecular Packing and Structural Stability in Lipidic Cubic Phases</p>
<p>Oral presentation 18 (OR 18)</p>	<p>Ms. Sireetorn Kurakao (Prince of Songkla University, Thailand)</p> <p>Development and Evaluation of Ethosome Formulations Loaded with <i>Quercus infectoria</i> Gall extract for the Treatment of Skin and Soft-Tissue Infections in Companion Animals</p>
<p>Oral presentation 19 (OR 19)</p>	<p>Ms. Nur Fadhina Mohamad Pakarulrazy (UMBI, Universiti Kebangsaan Malaysia, Malaysia)</p> <p>ABCB4 Silencing Impairs Thyroid Differentiation and Iodide Uptake in Papillary Thyroid Carcinoma</p>



Oral Presentation 30 (OR 30)	Mr. Wee Ye Zhi (INBIOSIS, Universiti Kebangsaan Malaysia, Malaysia) <hr/> De novo Transcriptome Assembly of Cocoa Pod Borer (<i>Conopomorpha cramerella</i>) Using a Bioinformatics Approach
Oral Presentation 31 (OR 31)	Assoc. Prof. Dr. Indah Mohd Amin (Universiti Teknologi MARA, Malaysia) <hr/> Cytotoxic and Apoptotic Evaluation of Allicin on ORL-48 Cells: Exploring Garlic's Therapeutic Potential in Oral Cancer
Oral Presentation 32 (OR 32)	Assoc. Prof. Dr. Suriana Sabri (Universiti Putra Malaysia, Malaysia) <hr/> Genome-guided Discovery, Metabolomic Profiling, and Mechanistic Evaluation of Bacillomycin D from <i>Bacillus velezensis</i> PD9 with Potent Activity Against Multidrug-resistant Bacteria
Oral Presentation 33 (OR 33)	Assoc. Prof. Dr. Rozaini Mohd Zohdi (Universiti Teknologi MARA, Malaysia) <hr/> <i>Polygonum minus</i> Aqueous Extract Enhances Cutaneous Repair in Rats: A Macroscopic and Histopathological Study
Oral Presentation 34 (OR 34)	Dr. Banen Ahmed (University of Al-Manara, Iraq) <hr/> Natural Occurrence of Cocaine and Tropococaine in a Non-Erythroxyllum Plant
Oral Presentation 35 (OR 35)	Dr. Neny Purwitasari (Universitas Airlangga, Indonesia) <hr/> Antiviral Activity of <i>Vitex trifolia</i> Leaves Extract against Avian Influenza (H5N1) Virus: In Vitro and In Silico Studies.
Oral Presentation 36 (OR 36)	Dr. Thiruventhan Karunakaran (Universiti Sains Malaysia, Malaysia) <hr/> Chemical Profiling, Cytotoxicity Evaluation, and Antinociceptive Activity of Optimized Kratom Leaf Extracts Produced Using the Accelerated Solvent Extraction Technique
Oral Presentation 37 (OR 37)	Dr. Mohamad Shazeli Che Zain (Universiti Sains Malaysia, Malaysia) <hr/> Standardizing Kenaf (<i>Hibiscus cannabinus</i> L.)-Derived Antioxidant Flavonoids for Potential Diabetic Wound Therapy
Oral Presentation 38 (OR 38)	Mrs. Fatmah Johayriah Mambuy (Mindanao State University - Iligan Institute Of Technology, Philippines) <hr/> Phytochemical Screening, Antioxidant Activity, Total Phenolic Content Analysis and Total Flavonoid Content Analysis of the Leaf Extracts of Arrowleaf sida, <i>Sida rhombifolia</i> L. (Malvales: Malvaceae) in Kapai, Lanao Del Sur, Philippines
Oral Presentation 39 (OR 39)	Assoc. Prof. Dr. Xiaohui Tong (Anhui University of Chinese Medicine, China) <hr/> Restoration of insulin resistance associated with heart failure by Phillyrin confers cardiac protection by repressing adipose lipolysis



Oral Presentation 50 (OR 50)	Ms. Anis Nasuha Adzahar (Universiti Putra Malaysia, Malaysia) Chemoprospecting of Sulfonamide Chalcones as New Anti-Epileptic Drugs using Zebrafish Model
Oral Presentation 51 (OR 51)	Ms. Sun Shasha (Anhui University of Chinese Medicine, China) Nontargeted Metabolomic Profiling of a Single <i>Paeonia Lactiflora</i> Plant and its Quality Marker Identification