

Pre-congress | 3 August 2026

CEC 1: BOTANICAL SAFETY ASSESSMENT: FROM FARM TO FORMULA - HOW TO ENSURE SAFETY, EFFICACY, AND COMPLIANCE? Meeting Room 306	
08.00 – 10.15	Context Setting <i>Dr. Lenny Kamelia, L en R Consulting Visions PLT</i>
	Chemical Fingerprinting of Botanicals: Characterizing and Quantifying Active and Marker Constituents in Complex Natural Products <i>Dr. Fauziah Abdullah, FRIM, Malaysia</i>
	Toxicity vs Efficacy: Finding the Critical Balance between Risk and Benefit for Botanicals <i>Dr. Hussin Muhammad, NIH, Malaysia</i>
	Role of National Research and Standards Organization in Botanical Safety Assessment <i>Dr. Syamimi Khalid, SIRIM, Malaysia</i>
10.15 – 10.45	TEA BREAK Meeting Room 305
10.45 – 13.00	Natural Product Registration in Malaysia <i>Mdm. Kong Su Yi, NPRA, Malaysia</i>
	Navigating Product Quality Monitoring: A Regulatory Perspective <i>Mr. Mohd Nasrul Mohamad Noor, NPRA, Malaysia</i>
	Integrating Evidence into Botanical Safety Assessment through a Risk-Based Strategy <i>Dr. Rozaini Abdullah, UPM, Malaysia</i>
	Closing Remarks <i>Dr. Lenny Kamelia, L en R Consulting Visions PLT</i>
13.00 – 14.00	LUNCH BREAK Meeting Room 305
CEC 2: MODERN RISK ASSESSMENT IN THE ERA OF NEXT-GENERATION TOXICOLOGY: FROM HAZARD IDENTIFICATION TO REGULATORY DECISION-MAKING Meeting Room 306	
14.00 – 15.30	Opening Remarks <i>Assoc. Prof. Ts. Dr. Razinah Sharif, UKM, Malaysia</i>
	Next-Generation Food Chemical Risk Assessment: Integrating Mechanistic Toxicology, Key Events and Adverse Outcome Pathways <i>Prof. Dr. Alan Boobis, Imperial College London, UK</i>
15.30 – 15.45	TEA BREAK Meeting Room 305
15.45 – 18.00	Applying Adverse Outcome Pathways in Food Chemical Risk Assessment: From Molecular Initiating Events to Public Health Protection <i>Prof. Dr. Bette Meek, University of Ottawa, Canada</i>
	Case Study Workshop: Integrating Adverse Outcome Pathways and Mechanistic Evidence in Food Risk Assessment <i>Assoc. Prof. Ts. Dr. Razinah Sharif, UKM, Malaysia</i>
	Closing Remarks <i>Assoc. Prof. Ts. Dr. Razinah Sharif, UKM, Malaysia</i>

08.00 – 09.15	REGISTRATION		
09.15 – 10.45	OPENING CEREMONY Plenary Theatre Opening address by: Yang Berhormat Datuk Seri Dr. Dzulkefly Ahmad, Minister of Health Malaysia		
10.45 – 11.00	TEA BREAK Foyer		
	Sub-theme: Regulatory Toxicology		
	Plenary Theatre	Meeting Room 305	Meeting Room 306
	SESSION 1 NAMs Across Asia: Regional Progress and Cross-Border Collaboration Chair: Prof. Dr. Ying-Jan Wang, National Cheng Kung University, Taiwan ROC; Prof. Dr. Hajime Kojima, Sanyo-Onoda City University, Japan	SESSION 2 Chemical Stewardship and Regulatory Science: Advancing Sustainability in Petrochemical Industry Chair: Dr. Chan Kok Meng, PETRONAS, Malaysia	EARLY CAREER RESEARCHER SYMPOSIUM The Future of Toxicology: Perspectives from the Next Generation Chair: Dr. Keiko Taguchi, Tohoku University, Japan; Dr. Nur Azra Mohamad Pauzi, NIH, Malaysia
11.00 – 11.30	Strengthening Taiwan’s Regulatory Infrastructure for Non-Animal Methods: The Role of TaiCVAM Dr. Hsian-Jean Chin, TaiCVAM, NIAR, Taiwan ROC	Malaysian Initiatives in Chemical Governance and Chemical Safety Prof. ChM. Dr. Goh Choo Ta, UKM, Malaysia	Participation is limited to selected individuals.
11.30 – 12.00	Regulatory Acceptance of NAMs in Japan: Current Status and Future Perspectives Dr. Hirabayashi Yoko, JaCVAM, NIHS, Japan	Evaluation of New Toxicological Information for Classification of Substances for Human Health Endpoints under REACH and CLP Ms. Maartje Kleintjes, Haskoning, Thailand	
12.00 – 12.30	The New Era of Toxicology: Korea’s Strategic Lead in Alternative Methods Dr. Seokjoo Yoon, Korea Inst. of Toxicology, Republic of Korea	21 st Century Risk Assessment to Assure the Use Acceptability of Products Comprising a Mixture of Chemicals Prof. Dr. Alan Boobis, Imperial College London, UK	
12.30 – 13.00	Expanding the Global Reach of In Vitro Toxicology: The Role of IIVS in Training and Outreach Dr. Kristie Sullivan, Inst. In Vitro Sciences, USA	Application of Read-Across for UVCBs: Methodological Considerations and a Petrochemical Case Study Ms. Sanghamitra Mishra, NexGenTox, India	
13.00 – 14.00	LUNCH BREAK Conference Hall 2		
14.00 – 14.50	KEYNOTE 1 Plenary Theatre From Risk to Responsibility: The Role of Toxicology in ESG Performance and Sustainable Development Dr. Salmaan Inayat-Hussain, Ipieca, United Kingdom		
14.50 – 15.30	PLENARY LECTURE 1 Plenary Theatre Global Regulatory Development in Advancing Toxicology to Meet Sustainability Challenges Ms. Maartje Kleintjes, Haskoning, Thailand Chair: Dr. Chan Kok Meng, PETRONAS, Malaysia		

	Plenary Theatre	Meeting Room 305	Meeting Room 306
		SHORT ORAL PRESENTATIONS <i>Chair: Dr. Mary Khoo Gaik Hong, FRIM, Malaysia</i>	SHORT ORAL PRESENTATIONS <i>Chair: Dr. Maisarah Nasution Waras, USM, Malaysia</i>
15.30 – 16.00		Ecotoxicological Risk Assessment of Endocrine Disrupting Compounds in Freshwater Ecosystems Using Tropical Cladocerans <i>Dr. Muhammad Raznisyafiq Razak, UPM, Malaysia</i> A Data-Driven Approach for Chemical Prioritisation Using Information from Safety Data Sheet (SDS) <i>Dr. Chan Kok Meng, PETRONAS, Malaysia</i> Heavy Metal Exposure and Toxicity in Electronic Cigarette Emissions <i>Ms. Eunice Ting Shi Ying, USM, Malaysia</i>	Integrated Toxicological, Behavioural and Pharmacometabolomics Profiling of a Sulfonamide–Chalcone Antiepileptic Hit Molecule in Zebrafish <i>Assoc. Prof. Dr. Siti Munirah Mohd Faudzi, UPM, Malaysia</i> Identifying New Molecular Markers for Sex Reversal Prediction in Japanese Medaka <i>Mr. Ching-Hsin Yang, National Taiwan University, Taiwan ROC</i> Preliminary Toxicity Evaluation of Baicalein-Loaded Carbon Nanodots Using the Brine Shrimp Lethality Assay <i>Ms. Nasihah Mohd Zahid, USM, Malaysia</i>
16.00 – 16.15	TEA BREAK Foyer		
16.15 – 16.45		Chemical Profiling and In Vitro Toxicity Assessment of E-Cigarette Liquids and Aerosols <i>Dr. Leong Yin Hui, USM, Malaysia</i> Development and Characterization of an Environmentally Relevant Micro- and Nanoplastics Library for Cytotoxicity Evaluation <i>Dr. Yuya Haga, The University of Osaka, Japan</i> Bridging Toxicological Science and Public Understanding: Enhancing Chemical Risk Literacy through E-Learning <i>Prof. Dr. Danijela Đukić-Ćosić, University of Belgrade, Serbia</i>	In Vitro Genotoxicity Evaluation of Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) Extract Using Standard Assays <i>Mr. Abdul Hadi Ariffin, NIBM, Malaysia</i> Critical Windows of Susceptibility in VOC-Related Neurodevelopmental Risk: Evidence from a Systematic Synthesis <i>Dr. Nurul Farehah Shahrir, NIH, Malaysia</i> Susceptible Effect of Detoxifying Genes of GSTT1, GSTM1, and NQO1 towards S-PMA Excretion and Micronuclei Occurrence among Outdoor Workers Exposed to Ambient Benzene <i>Dr. Noor Fatimah Mohamad Fandi, IIUM, Malaysia</i>
15.30 – 16.30	Conference Hall 3	POSTER PRESENTATIONS Session 1	

09.00 – 10.00	KEYNOTE 2 Plenary Theatre Modern Toxicology and Poison Science – an Inseparable Pair for Sustaining Modern Civilization: Insights from Signal Toxicity and Nanotoxicity <i>Prof. Dr. Jun Kanno, NIHS, and Nissan Tamagawa Hospital, Japan</i>		
	Sub-theme: Challenges & Advances in NAMs for Toxicological Research & Risk Assessment		
	Plenary Theatre	Meeting Room 305	Meeting Room 306
10.00 – 10.45	PLENARY LECTURE 2 Artificial Intelligence in Cancer Vaccine Development for Immunotherapy and Toxicology Applications <i>Prof. Dr. Kyung Chul Choi, Chungbuk National University, Republic of Korea</i> <i>Chair: Prof. Dr. Keon Wook Kang, Seoul National University, Republic of Korea</i>		PLENARY LECTURE 3 The Westward Movement of Botanicals: Integrating Eastern Traditions into Modern Western Regulation <i>Prof. Dr. A.Wallace Hayes, Michigan State University, USA</i> <i>Chair: Dr. Hussin Muhammad, NIH, Malaysia</i>
10.45 – 11.00	TEA BREAK Foyer		
	SESSION 3 Innovative Organoid & NAMs Application in Toxicological Research <i>Chair: Prof. Dr. Soon-Mi Shim, Sejong University, Republic of Korea</i>	SESSION 4 Recent Progress of Cosmetics Risk Assessment <i>Chair: Prof. Dr. Ki Taek Nam, Yonsei University College of Medicine, Republic of Korea</i>	SESSION 5 Risk Assessment of Botanicals and Mixtures <i>Chair: Dr. Rozaini Abdullah, UPM, Malaysia</i>
11.00 – 11.30	Organoids in Toxicological Research: Progresses and Challenges <i>Prof. Dr. Zhengliang Gao, Shanghai University, China</i>	Industrial Implementation of NAMs and NGRA in Cosmetic Risk Assessment <i>Dr. Seoyoung Kim, AMOREPACIFIC, Republic of Korea</i>	Complex Botanical Mixture Hazard Assessment: An Overview of Current Methodologies and Challenges in Assessing Hazards of Botanical Mixtures <i>Prof. Dr. A.Wallace Hayes, Michigan State Uni., USA</i>
11.30 – 12.00	Kidney Micro Physiological Systems for Nephrotoxicity Assessment <i>Prof. Dr. Sejoong Kim, Seoul National University, Republic of Korea</i>	Next Generation Risk Assessment for Botanical Cosmetic Ingredients: Case Studies Using Threshold of Toxicological Concern, Point of Departure, and History of Safe Consumption <i>Prof. Dr. Kyung-Min Lim, Ewha Womans University, Republic of Korea</i>	In Vitro Bioassays to Evaluate the Effects of Botanicals on DNA Damage <i>Prof. Dr. A. Nursen Basaran, Baskent University, Ankara, Turkiye</i>
12.00 – 12.30	Current Trends and Progress in Japan's Initiative for Industrial Implementation of MPS <i>Prof. Dr. Seiichi Ishida, Sojo University, Japan</i>	Building Capabilities and Ensuring Regulatory Acceptance of NAMs and NGRA for All Stakeholders Including Cosmetics <i>Prof. Dr. Seok (Soga) Kwon, National University of Singapore</i>	Toward Precision Toxicology: Integrating Toxicogenomics and Artificial Intelligence in the Risk Assessment of Complex Botanical Medicines <i>Prof. Dr. Peter Pressman, University of Maine, USA</i>

	Plenary Theatre	Meeting Room 305	Meeting Room 306
	SHORT ORAL PRESENTATIONS <i>Chair: Dr. Maisarah Nasution Waras, USM, Malaysia</i>	SHORT ORAL PRESENTATIONS <i>Chair: Dr. Nur Azra Mohamad Pauzi, NIH, Malaysia</i>	SESSION 5 Risk Assessment of Botanicals and Mixtures
12.30 – 13.00	Chronic Nanoplastic Exposure Triggers Liver Inflammasome Activation and Adipose Remodeling Associated with Metabolic Dysfunction <i>Mr. Narayan Sah Sonar, Mokpo National University, Republic of Korea</i> Pluronic Functionalization Mitigates Graphene Oxide-Induced Oxidative Stress and Developmental Toxicity <i>Ms. Eng Shu Man, UPM, Malaysia</i> Surface-Induced Fibrillization of Amyloid-β Adsorbed onto Nanoparticles Alters Microglial Responses <i>Assoc. Prof. Dr. Atsuto Onoda, Sanyo-Onoda City University, Japan</i>	Hepatotoxicity and Cytochrome P450 (CYP) Inhibitory Potential of a Selected Commercial Herbal Supplement Juice in HepG2 Cells <i>Ms. Yih Wei Lim, UPM, Malaysia</i> Acute Toxicity and Metabolomic Assessment of Polyherbal Formulation from <i>Polygonum minus</i>, <i>Cosmos caudatus</i> and <i>Morinda citrifolia</i>: Implications for Senotherapeutic Development <i>Mr. Nor Muhammad Hilmi Hussin, UKM, Malaysia</i> Advancing Cancer Toxicology: Effects of Zerumbone on Breast Cancer Cell Invasiveness under DMOG-Induced Hypoxia <i>Assoc. Prof. Dr. Nur Fariesha Md Hashim, UPM, Malaysia</i>	Hormesis in Complex Botanical Mixtures: Examination of Hormesis and Its Implications for Interpreting Botanical Mixture Effects <i>Prof. Dr. Evgenios Agathokleous, Nanjing University of Information Science & Technology, China</i>
13.00 – 14.00	LUNCH BREAK Conference Hall 2	LUNCH TALK by SIRIM Berhad	LUNCH BREAK Conference Hall 2
	SESSION 6 Advancing Mechanistic Nanotox & Emerging In-Vitro Alternatives <i>Chair: Assoc. Prof. Dr. Atsuto Onoda, Sanyo-Onoda City Uni.; Dr. Kazuma Higashisaka, Uni. Osaka, Japan</i>	SESSION 7 Evolving Risk Assessment Across Industries through the Integration of New Approach Methodologies to Address Emerging Challenges <i>Chair: Dr. Rozaini Abdullah, UPM, Malaysia</i>	WORKSHOP 1 Alternative Methods for Skin Sensitization: Regulatory Progress and Applications <i>Chair: Dr. Hsien-Jen Cheng, TaiCVAM, NIAR, Taiwan ROC; Dr. Takao Ashikaga, NIHS, Japan</i>
14.00 – 14.30	Neurotoxicity of Nanoparticles and Nanoplastics <i>Dr. Tin Tin Win Shwe, NIES, Japan</i>	Advancing the Risk Assessment of Botanicals with Genotoxic and Carcinogenic Hazards <i>Dr. Rozaini Abdullah, UPM, Malaysia</i>	Status on Regulatory Acceptance of Alternative Methods for Skin Sensitization Testing <i>Dr. Takao Ashikaga, NIHS, Japan</i>
14.30 – 15.00	Placental Behavior of Nanoparticles and Their Effects on Placental Function <i>Dr. Kazuma Higashisaka, The University of Osaka, Japan</i>	Learning and Challenges in Reproductive Toxicity Testing with Case Study on Complex Materials <i>Dr. Lenny Kamelia, L en R Consulting Visions PLT, Malaysia</i>	The Inter-Laboratory Validation Study of EpiSensA and Epi2SensA for Predicting Skin Sensitization Potential <i>Prof. Dr. Hajime Kojima, Sanyo-Onoda City Uni., Japan</i>
15.00 – 15.30	Neurotoxicity of Micro/Nanoplastics (MNPs) and Roles of Glia Cells <i>Assoc. Prof. Dr. Cai Zong, Tokyo University of Science, Japan</i>	Evolving Consumer Product Risk Assessment with New Approach Methodologies <i>Dr. Shensheng Zhao, Procter & Gamble Beijing Innovation Center, China</i>	Introduction of the Validation Study of Spectro-DPRA: A Newly Modified In Chemico Skin Sensitization Test Method <i>Prof. Dr. Bae-Hwan Kim, Keimyung University, ROK</i>
15.30 – 16.00	Emerging In Vitro Approaches for Nanoparticle Toxicity Assessment: Towards Alternatives to Animal Testing <i>AP Dr. Atsuto Onoda, Sanyo-Onoda City Uni., Japan</i>	NAMs to Address Industrial Challenges <i>Dr. Peter Behnisch, BioDetection Systems, Netherlands</i>	OECD-Validated NAMs of Skin Sensitization Applied for Nanomaterials Safety Assessment <i>Prof. Dr. Ying-Jan Wang, Nat. Cheng Kung University, Taiwan ROC</i>

16.00 – 16.15	TEA BREAK Foyer		
	Plenary Theatre	Meeting Room 305	Meeting Room 306
	SHORT ORAL PRESENTATIONS Chair: Dr. Maisarah Nasution Waras, USM, Malaysia	SHORT ORAL PRESENTATIONS Chair: Dr. Nur Azra Mohamad Pauzi, NIH, Malaysia	SHORT ORAL PRESENTATIONS Chair: Assoc. Prof. Dr. Nurul Farahana Kamaludin, UKM, Malaysia
16.15 – 16.45	Harnessing ER Stress to Disrupt Mitochondrial Function and Immune Escape in Drug-Resistant Colorectal Cancer Using Selenium-Containing Gold Nanoparticles Mr. Wei-Lun Hsu, National Central University, Taiwan ROC Linking Mercury-Induced Microridge Defects to Retinal and Motor Metabolite Deficiencies Dr. Noraini Abu Bakar, UPM, Malaysia	Atmospheric Electrophile 1,2-Naphthoquinone Enhances Migratory Activity of A549 Cells Dr. Sho Kubota, Okayama University, Japan NKp46/PD-1 Axis Dynamics in Malignant Mesothelioma: A Novel Immunotoxicological Mechanism Linking Asbestos Exposure to Tumor Immune Escape Dr. Yasumitsu Nishimura, Kawasaki Medical School, Japan Chronic Dietary Exposure to Advanced Glycation End Products Promotes Skin Aging: Evidence from a Cross-Sectional Study and a Rat Model Ms. Ruijie Cheng, Huazhong University of Science and Technology, China	SKF7® Attenuates Endocrine Dysfunction and Oxidative Stress in Experimental Menopause: A Potential Safer Botanical Alternative to Hormone Therapy Dr. Hussin Muhammad, NIH, Malaysia Caspase-3-Mediated Apoptosis Induced by Paddy Husk in HTB-41 Carcinoma Cells Dr. Mogana Das Murtey, USM, Malaysia Blood Sugar Regulating Activity and Safety Profile of Hydrolysate of <i>Luffa cylindrica</i> Seed Protein in Rats with Alloxan-Induced Diabetes Prof. Dr. Rotimi Olusanya Arise, University of Ilorin, Nigeria

15.30 – 16.30	Conference Hall 3	POSTER PRESENTATIONS Session 2
16.30 – 18.30	Melati Room, Level 1 Impiana KLCC Hotel	ASIATOX COUNCIL MEETING
19.30 – 23.00	Impiana Banquet Hall, Level 2 Impiana KLCC Hotel	GALA DINNER

09.00 – 10.00	KEYNOTE 3 Plenary Theatre Mapping the In Vitro Landscape of Immunotoxicology Testing <i>Prof. Dr. Emanuela Corsini, University of Milan La Statale, Italy</i>		
	Sub-theme: Advances in Mechanistic Toxicology & Food Toxicology		Sub-theme: Environmental Toxicology
	Plenary Theatre	Meeting Room 305	Meeting Room 306
10.00 – 10.45	PLENARY LECTURE 4 Membrane Transporters as a Mechanism of Cellular Toxicity <i>Dr. Naohiko Anzai, Chiba University, Japan</i> <i>Chair: Dr. Akihiko Hirose, JSOT, Japan</i>	PLENARY LECTURE 5 Double-Edged Sword: Roles of Gα12 Family in Cell Fate Determination <i>Prof. Dr. Sang Geon Kim, Seoul Nat. Uni., ROK</i> <i>Chair: Prof. Dr. Donghak Kim, Konkuk Uni., ROK</i>	PLENARY LECTURE 6 Challenges and Perspectives for Regulatory Use of (eco-) NAMs: Insights from OECD and SETAC <i>Dr. Hiroshi Yamamoto, NIES, Japan</i> <i>Chair: Dr. Jahangir Kamaldin, USM, Malaysia</i>
10.45 – 11.00	TEA BREAK Foyer		
	SESSION 8 Food Toxicology and Cellular Ageing – Mechanistic Insights into Senescence, Oxidative Stress and Functional Dietary Modulators <i>Chair: Assoc. Prof. Ts. Dr. Razinah Sharif, UKM, Malaysia</i>	SESSION 9 Food Poisoning: Challenges in Outbreak Mitigation <i>Chair: Prof. Dr. Jou-Fang Deng, Taipei Veterans Hospital, Taiwan ROC; Prof. Dr. Yoshito Kamijo, Saitama Medical University, Japan</i>	SESSION 10 Vulnerable Populations at Elevated Risk of Heavy Metal Toxicity: Challenges and Solutions in the Asian Context <i>Chair: Dr. Saranga Diyabalanage, Uni. Sri Jayewardenepura, Sri Lanka</i>
11.00 – 11.30	Dietary Toxicants, Oxidative Stress and Genomic Instability: Evidence and Early Ageing Insights from a Malaysian Human Study <i>Assoc. Prof. Ts. Dr. Razinah Sharif, UKM, Malaysia</i>	11.00 Marine Poisoning in Malaysia - The Challenges, Existing Gaps and Way Forward <i>Dr. Ruth Sabrina Safferi, Raja Permaisuri Bainun Ipoh Hospital, Malaysia</i>	Chronic Occupational Heavy Metal Exposure in Asian Industries: Exposure Pathways, Regulatory Gaps, and Health Implications among High-Risk Worker Groups <i>Dr. Saranga Diyabalanage, Uni. Sri Jayewardenepura</i>
11.30 – 12.00	Approach for Systematically Assessing Study Reliability and Relevance in Evaluations of Monosodium Glutamate Safety <i>Dr. William D Klaren, ToxStrategies, USA</i>	11.25 Food Contaminants and Toxicovigilance <i>Dr. Sahaphume Srisuma, Mahidol University, Thailand</i>	Environmentally & Socioeconomically Burdened Communities in Asia <i>Dr. Vanitha Thurairasu, Ministry of Health, Malaysia</i>
12.00 – 12.30	Resveratrol Protection Against Estradiol-Induced Senescence in Immune Models <i>Dr. Nurhanani Razali, Okinawa Institute of Science and Technology Graduate University and Kobe Pharmaceutical University, Japan</i>	11.50 Food Poisoning Caused by Accidental Consumption of Toxic Plants Similar to Edible Plants in Japan <i>Prof. Dr. Yoshito Kamijo, Saitama Medical University, Japan</i>	Biological Susceptibility to Heavy Metal Toxicity. Are populations in Asia at greater risk? <i>Dr. Indika Neluwa-Liyanage, Uni. Sri Jayewardenepura, Sri Lanka</i>
12.30 – 13.00	Applying Adverse Outcome Pathways in Food-Related Chemical Risk Assessment <i>Prof. Dr. Bette Meek, University of Ottawa, Canada</i>	12.15 Food Poisoning Caused by Eating Coconut Crab Feeding on Toxic Plant in Japan <i>Assoc. Prof. Dr. Kiyotaka Usui, Tohoku Uni. Graduate School of Medicine, Japan</i>	Environmental and Human Exposure to Heavy Metal and PFAS in Malaysia: Emerging Risks and Regulatory Perspectives <i>Dr. Yusmaide Aziz, USM, Malaysia</i>
13.00 – 14.00	LUNCH BREAK Conference Hall 2		

	Plenary Theatre	Meeting Room 305	Meeting Room 306
	WORKSHOP 2 Beyond Nutrition: Understanding the Health Impacts of Reactive Food Chemicals <i>Chair: Prof. Dr. Hiroshi Hasegawa, Kobe Pharmaceutical University, Japan</i>	WORKSHOP 3 A Toxicological Perspective on MASLD: Environmental Causes, Impacts and Therapeutic Strategies <i>Chair: Assoc. Prof. Dr. Han Kiat Ho, NUS, Singapore</i>	WORKSHOP 4 Reproductive Toxicology in an Era of Environmental Change: Emerging Contaminants and Transgenerational Risks <i>Chair: Dr. Vanitha Thurairasu, Ministry of Health, Malaysia</i>
14.00 – 14.30	Effect of Electrophiles in Vegetables on the Toxicity of the Environmental Chemicals <i>Dr. Yumi Abiko, Nagasaki University, Japan</i>	In Vitro Study of Nanoplastics Exposure as a Potentiator of Metabolic Dysfunction-Associated Steatotic Liver Disease <i>Mr. Nicholas Ng, NUS, Singapore</i>	From Ovary to Placenta: Molecular Mechanisms of Environmental Reproductive Toxicants <i>Dr. Vanitha Thurairasu, Ministry of Health, Malaysia</i>
14.30 – 15.00	Production of Antibodies Against 3,4-Dihydrocoumarin and Analysis of Protein Chemical Modifications Induced by This Compound <i>Dr. Yasuhiro Shinkai, Tokyo University of Pharmacy and Life Sciences, Japan</i>	Investigating the Biological Impact of Nanoplastics Exposure on the Liver using a Rodent Model <i>Assoc. Prof. Dr. Han Kiat Ho, NUS, Singapore</i>	Microplastics and Reproductive Health: Implications for Early Neurodevelopment and Mental Health <i>Dr. Thao Thi Phuong Nguyen, VinUniversity, Vietnam</i>
15.00 – 15.30	Histological and Molecular Effect of Alcohol-Induced Immunotoxicity <i>Prof. Dr. Hiroshi Hasegawa, Kobe Pharmaceutical University, Japan</i>	The Use of AI for Toxicological Assessment <i>Assoc. Prof. Dr. David Leong, NUS, Singapore</i>	Paternal Exposures, Sperm Quality and Transgenerational Reproductive Toxicity <i>Dr. Indika Neluwa-Liyanage, Uni. Sri Jayewardenepura, Sri Lanka</i>
15.30 – 16.45	PRESIDENTIAL ROUNDTABLE & AWARD CEREMONY Plenary Theatre		
16.45 – 17.00	TEA BREAK Foyer		