



PROGRAMME TENTATIVE

PRE-CONFERENCE WORKSHOP ON NANOCOSMECEUTICAL

WEDNESDAY, 28TH AUGUST 2024

VENUE: CONCORDE V, LEVEL G, CONCORDE HOTEL

8:00 - 9:00	Registration
9:00 - 10:00	Skin delivery approaches and applications AP Ir Ts Dr Rosnani Hasham (UTM)
10:00 - 10:15	Coffee Break
10:15 - 11:45	Production, testing and demonstration Ts. Dr. Mariani Abdul Hamid (Dermags Skincare)
11:45 - 12:45	Nanosafety Ts. Mohd Helme Mohd Helan (NNC)
12:45 - 14:00	Lunch Break
14:00 - 14:45	NANOVerify Programme: An Essential Value for Malaysia's Nanocosmeceutical Industry Johan Iskandar Hassan (NanoVerify)
14:45 - 15:30	A novel 1-O-acylceramide: Synthesis, physicochemical characterization, and role in the lipid lamellar organization in skin barrier Dr. Chang Seo Park (CTO, LCS Biotech, Korea)
15:30 - 16:15	Nano-sized Bioactives for Topical Application Dr. Mazita binti Haji Mohd Diah (SIRIM)
16:15 - 16:45	The Role of Phytochemicals on Mitochondrial Health and Function Dr. Mohamad Roji Sarmidi (Phyto Biznet Sdn Bhd)
16:45 - 17:00	Q&A Session & Summary

CONFERENCE

THURSDAY, 29TH AUGUST 2024

VENUE: BALLROOM, LEVEL G, CONCORDE HOTEL KUALA LUMPUR

Time	Duration	Program/Activities	Place
8:00 - 8:45	0:45	Registration	Lobby
8:45 - 8:55	0:10	Arrival of VVIPs	VVIP room
8:55 - 9:10	0:15	Start the opening ceremony Lagu negaraku Opening speech by MC	Ballroom
9:10 - 9:25	0:15	Speech by Prof Dr Rosli Md Illias, Deputy Vice Chancellor (Research and Innovation), Universiti Teknologi Malaysia	
9:25 - 9:45	0:20	Main Speech (Official opening) by Datuk Dr Aminuddin Hassim, Secretary General, Ministry of Science, Technology and Innovation (MOSTI), Malaysia	
9:45 - 9:55	0:10	Ceremony - Launching of new product (Phyto Biznet Sdn Bhd)	
9:55 - 10:05	0:10	MoU Exchange document between UTM and Universitas Brawijaya, Indonesia	
		MoU Exchange document between UTM and Asia Metropolitan Univesity (AMU)	
10:05 - 10:10	0:05	Closing by MC (Visit the industrial showcase by the VVIPs (1005-1045am))	
10:10 - 10:25	0:15	Presentation by platinum sponsor (Bruker (M) Sdn Bhd)	
10:25 - 10:40	0:15	Presentation by platinum sponsor (Skinlab Biochem Resources Sdn Bhd)	
10:40 - 10:45	0:05	Closing by MC	
10:45 - 11:00	0:15	Coffee Break/Poster session	Lobby
11:00 - 11:05	0:05	Introduction of Speakers by Chairperson: Assoc Prof Ts ChM Dr Nik Ahmad Nizam Nik Malek (Deputy Dean (Research, Development and Innovation), Faculty of Science, UTM and Acting Director of CSNano, UTM)	Ballroom
11:05 - 11:40	0:35	Keynote Speaker 1 (Prof Dr Hiroshi Umakoshi, Osaka University, Japan)	
11:40 - 12:15	0:35	Keynote Speaker 2 (Prof Dr Hong Liu, Shandong University, China)	
12:15 - 12:20	0:05	Introduction of Speakers by Chairperson: Assoc Prof Ts Ir Dr Rosnani Hasham (Director of Institute of Bioproduct Development (IBD), UTM)	
12:20 - 12:40	0:20	Plenary Speaker 1 (Assoc. Prof. Dr Hendra Susanto, Universitas Negeri Malang, Indonesia)	
12:40 - 13:00	0:20	Plenary Speaker 2 (Prof Dr Maria Nilda M. Nunoz, Cagayan State University, Philipines)	
13:00 - 14:00	1:00	Lunch	Café

PARALLEL SESSION

VENUE: CONCORDE HOTEL KUALA LUMPUR

Time (MY)	Ballroom, Level G	Time (MY)	Concorde V, Level G	Time (MY)	Patio 2, Level 2	Time (MY)	Patio 3, Level 2	Time (MY)	Studio 4, Level 2
SLOT PARALLEL 1.1		SLOT PARALLEL 2.1		SLOT PARALLEL 3.1		SLOT PARALLEL 4.1		SLOT PARALLEL 5.1	
14:00 - 14:15	Invited	14:00 - 14:15	Invited	14:00 - 14:15	Invited	14:00 - 14:15	Invited	14:00 - 14:15	Invited
14:15 - 14:25	Oral	14:15 - 14:25	Oral	14:15 - 14:25	Oral	14:15 - 14:25	Oral	14:15 - 14:25	Oral
14:25 - 14:35	Oral	14:25 - 14:35	Oral	14:25 - 14:35	Oral	14:25 - 14:35	Oral	14:25 - 14:35	Oral
14:35 - 14:45	Oral	14:35 - 14:45	Oral	14:35 - 14:45	Oral	14:35 - 14:45	Oral	14:35 - 14:45	Oral
14:45 - 14:55	Oral	14:45 - 14:55	Oral	14:45 - 14:55	Oral	14:45 - 14:55	Oral	14:45 - 14:55	Oral
14:55 - 15:05	Oral	14:55 - 15:05	Oral	14:55 - 15:05	Oral	14:55 - 15:05	Oral	14:55 - 15:05	Oral
15:05 - 15:15	Oral	15:05 - 15:15	Oral	15:05 - 15:15	Oral	15:05 - 15:15	Oral	15:05 - 15:15	Oral
15:15 - 15:30	Invited	15:15 - 15:30	Invited	15:15 - 15:30	Invited	15:15 - 15:30	Invited	15:15 - 15:30	Invited
15:30 - 15:40	BREAK	15:30 - 15:40	BREAK	15:30 - 15:40	BREAK	15:30 - 15:40	BREAK	15:30 - 15:40	BREAK
SLOT PARALLEL 1.2		SLOT PARALLEL 2.2		SLOT PARALLEL 3.2		SLOT PARALLEL 4.2		SLOT PARALLEL 5.2	
15:40 - 15:55	Invited	15:40 - 15:55	Invited	15:40 - 15:55	Invited	15:40 - 15:55	Invited	15:40 - 15:55	Invited
15:55 - 16:05	Oral	15:55 - 16:05	Oral	15:55 - 16:05	Oral	15:55 - 16:05	Oral	15:55 - 16:05	Oral
16:05 - 16:15	Oral	16:05 - 16:15	Oral	16:05 - 16:15	Oral	16:05 - 16:15	Oral	16:05 - 16:15	Oral
16:15 - 16:25	Oral	16:15 - 16:25	Oral	16:15 - 16:25	Oral	16:15 - 16:25	Oral	16:15 - 16:25	Oral
16:25 - 16:35	Oral	16:25 - 16:35	Oral	16:25 - 16:35	Oral	16:25 - 16:35	Oral	16:25 - 16:35	Oral
16:35 - 16:45	Oral	16:35 - 16:45	Oral	16:35 - 16:45	Oral	16:35 - 16:45	Oral	16:35 - 16:45	Oral
16:45 - 17:00	Invited	16:45 - 17:00	Invited	16:45 - 17:00	Invited	16:45 - 17:00	Invited	16:45 - 17:00	Invited

SLOT PARALLEL 1.1		
Chairperson: Prof Dr Fahrul Huyop, Universiti Teknologi Malaysia, MALAYSIA		
Time	Duration	Venue: Ballroom, Level G
14:00 - 14:15	0:15	INVITED SPEAKER Green Synthesis of Metal and Metal Oxide Nanoparticles: Trends and Future Endeavours Hanis Mohd Yusoff, <i>Universiti Malaysia Terengganu, MALAYSIA</i>
14:15 - 14:25	0:10	Unveiling Bioactive Compounds Biosynthesis of Silver Nanoparticles from Palm Oil Mill Effluent Abdulrahman Sani Aliero, <i>Kebbi State University of Science and Technology, NIGERIA</i>
14:25 - 14:35	0:10	Isolation and Screening of Nanocellulose Producing Bacteria from Pineapple Wastes, Yamunathevi Mathivanan, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
14:35 - 14:45	0:10	The Role of Purple Sweet Potato Nanoemulsion in Modulating Glutamate Pathway Protein Expression and Behavioral Changes in Schizophrenia-Model Zebrafish Wike Astrid Cahayani, <i>Universitas Brawijaya, INDONESIA</i>
14:45 - 14:55	0:10	Two-Stage Blocking Mechanism in Crossflow Filtration System using <i>Neolamarckia cadamba</i> Nanofibrillated Filter Paper Siti Solehah Ahmad Norrahma, <i>Forest Research Institute Malaysia, MALAYSIA</i>
14:55 - 15:05	0:10	Development of Nano-Chitosan Filtrate N-Butanol Antibiotic Products from <i>Streptomyces</i> sp.11 and Testing Its Inhibition against <i>Ralstonia solanacearum</i> Retno Kawuri, <i>Udayana University, INDONESIA</i>
15:05 - 15:15	0:10	Preparation and Characterization of <i>Andrographis paniculata</i> Extract Loaded onto Chitosan-based Nanoparticles Mohamad Khairul Hafiz Idris, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
15:15 - 15:30	0:15	INVITED SPEAKER Green Synthesis of Silver, Silver Oxide and Zinc Oxide Nanoparticles for Antibacterial Applications Mohd Hayrie Mohd Hatta, <i>Asia Metropolitan University, MALAYSIA</i>
15:30 - 15:40	0:10	COFFEE BREAK

SLOT PARALLEL 1.2		
Chairperson: Ts. Dr. Latifah Jasmani, Forest Research Institute Malaysia, MALAYSIA		
Time	Duration	Venue: Ballroom, Level G
15:40 - 15:55	0:15	INVITED SPEAKER The PI3K/AKT Activator has Anti-Apoptotic Potential of Nano-Cinnamaldehyde at Diabetes Mellitus in vitro Agustina T. Endharti, <i>Universitas Brawijaya, INDONESIA</i>
15:55 - 16:05	0:10	Phytochemical Analyses and Biosynthesis of Silver Nanoparticles Using <i>Bauhinia kockiana</i> To Soon Wei, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
16:05 - 16:15	0:10	Combination of Nanoemulsion Curcumin and Purple Sweet Potato Modulates Locomotor Behaviors of Stressed Mice Nia Kurnianingsih, <i>Universitas Brawijaya, INDONESIA</i>
16:15 - 16:25	0:10	Virtual Selection of γ-Oryzanol and its Derivatives from Brown Rice (<i>Oryza sativa</i> L.) Blocking HMG CoA Reductase in Hypercholesterolemia Disease Ja'far Umar, <i>Universitas Brawijaya, INDONESIA</i>
16:25 - 16:35	0:10	Anti-Nociceptive and Anti-Inflammatory Effects of <i>Rosmarinus officinalis</i> L. Extract Nano-Emulsion on Dental Pulpitis Rat Model Azkiya Asri Rahmaniari, <i>Universitas Brawijaya, INDONESIA</i>

16:35	-	16:45	0:10	The Effect of Biotinylated NS1 Antibody Concentration on Photoluminescence Intensity of CuInS₂ QDs/ZnS Conjugated Streptavidin Hanifah Isma Qurattu'ain, <i>Institut Teknologi Sepuluh Nopember, INDONESIA</i>
16:45	-	17:00	0:15	INVITED SPEAKER Green Synthesis of Silver Nanoparticles using <i>Garcinia mangostana</i> Pericarp: A Promising Approach for Tetracycline Degradation in Water Systems Sheela Chandren, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
17:00	-	17:30	0:30	Closing Ceremony at Ballroom

SLOT PARALLEL 2.1				
Chairperson: Dr Happy Kurnia Permatasari, Universitas Brawijaya, INDONESIA				
Time		Duration	Venue: Concorde V, Level G	
14:00	-	14:15	0:15	INVITED SPEAKER Nanoemulsion of <i>Rosmarinus officinalis</i>: A Promising Topical Antinociceptive Agent for Inflammation Management Husnul Khotimah, <i>Universitas Brawijaya, INDONESIA</i>
14:15	-	14:25	0:10	Greener Biomass-based Composites is the Future Roswanira Ab. Wahab, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
14:25	-	14:35	0:10	Scabies Detection by Using Image Processing Agwin Fahmi Fahanani, <i>Universitas Brawijaya, INDONESIA</i>
14:35	-	14:45	0:10	Synergistic Anticancer Analysis of <i>Zingiber officinale</i> and <i>Azadirachta indica</i> Sharel Raj <i>Universiti Teknologi Malaysia, MALAYSIA</i>
14:45	-	14:55	0:10	The Correlation between PER3 rs2640908 Polymorphism and Colorectal Cancer in the Japanese Population Holipah Holipah, <i>Universitas Brawijaya, INDONESIA</i>
14:55	-	15:05	0:10	Identification and Ability of Indigenous Bacteria from Bestari Probolinggo Landfill in Degrading Various Types of Plastic in Broth Medium with and Without Glucose Evi Susanti, <i>Universitas Negeri Malang, INDONESIA</i>
15:05	-	15:15	0:10	Design and Optimization of Microencapsulation of Flamboyant Extract (<i>Delonix regia</i>) using Response Surface Methodology (RSM) Based on Biodegradable Polymers and Biological Activity Anna Safitri, <i>Universitas Brawijaya, INDONESIA</i>
15:15	-	15:30	0:15	INVITED SPEAKER Drying of <i>Moringa Oleifera</i> Leaves for Improved Physicochemical Properties Dayang Norulfairuz Abang Zaidel, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
15:30	-	15:40	0:10	COFFEE BREAK

SLOT PARALLEL 2.2				
Chairperson: Dr Ida Bagus Wayan Gunam, Udayana University, INDONESIA				
Time		Duration	Venue: Concorde V, Level G	
15:40	-	15:55	0:15	INVITED SPEAKER Nanoencapsulation as a Burgeoning Nanotechnology-Based Approach for Modern Industry Tumirah Khadiran, <i>Forest Research Institute Malaysia (FRIM), MALAYSIA</i>
15:55	-	16:05	0:10	Phytochemical Analysis of <i>Moringa oleifera</i> and Its Application for Silver Nanoparticle Biosynthesis Mustapha Isah, <i>Sokoto State University, NIGERIA</i>

16:05 - 16:15	0:10	Formulating <i>Moringa oleifera</i> Based Ready-to-Use Therapeutic Food as a Cost-Effective and Sustainable Solution for Malnutrition Teba Abdul Lateef, <i>University of Karachi, PAKISTAN</i>
16:15 - 16:25	0:10	Effectiveness of <i>Moringa oleifera</i> Liquid Detergent Product as an Eco-Friendly Antibacterial Agent Devi Mariya Sulfa, <i>Universitas Negeri Malang, INDONESIA</i>
16:25 - 16:35	0:10	Green Synthesized AgNPs using Leaf Aqueous Extract of <i>Moringa oleifera</i> Promotes Apoptosis by Targeting Cleaved Caspase-3 in MCF-7 Cells Sa'diyatul Rizqie Amaliyah Firdaus, <i>Universitas Brawijaya, INDONESIA</i>
16:35 - 16:45	0:10	The Effect of Fluid Restriction Monitoring Guidelines Using the Heart Failure Self-Care Application (ATRIA) on Reducing Risk of Fluid Retention in Heart Failure Patients at Dr. Saiful Anwal Hospital Malang Mohammad Saifur Rohman, <i>Universitas Brawijaya, INDONESIA</i>
16:45 - 17:00	0:15	INVITED SPEAKER Green Synthesis of Silver Nanoparticles (AgNPs) via <i>Moringa oleifera</i> Target Potentials Oncological Pathways in HeLa Cervical Cancer Cell Happy Kurnia Permatasari, <i>Universitas Brawijaya, INDONESIA</i>
17:00 - 17:30	0:30	Closing Ceremony at Ballroom

SLOT PARALLEL 3.1		
Chairperson: Assoc Prof Dr Mh Busra Fauzi, Universiti Kebangsaan Malaysia, MALAYSIA		
Time	Duration	Venue: Patio 2, Level 2
14:00 - 14:15	0:15	INVITED SPEAKER Antimicrobial Activity of Some Medicinal Plant Extracts and Encapsulate against Microbial Contaminant of Coconut Sap (<i>Cocos nucifera</i>) Ida Bagus Wayan Gunam, <i>Udayana University, INDONESIA</i>
14:15 - 14:25	0:10	Study of Periodontal Cell Growth on Human Amniotic Membrane Impregnated with Tualang Honey Fatin Syamimi Sabri, <i>Universiti Sains Malaysia, MALAYSIA</i>
14:25 - 14:35	0:10	Anti-Proliferation Effect and Induction of PPARG Expression in Human Cervical Cancer Cells by Combination of Grape Leaf Ethanol Extract and Cisplatin Robiatul Munawaroh, <i>Universitas Brawijaya, INDONESIA</i>
14:35 - 14:45	0:10	Molecular Weight of <i>Rhizomucor pusillus</i> Cellulase via Fermentation Abdulkarim Ali Deba, <i>Abubakar Tafawa Balewa University, NIGERIA</i>
14:45 - 14:55	0:10	<i>Zanthoxylum acanthopodium</i> DC. Fruit Extract Modulates Blood Pressure in Salt-Induced Hypertension Rat through Angiotensin-Converting Enzyme Inhibition Muhammad Shafala Safa, <i>Universitas Brawijaya, INDONESIA</i>
14:55 - 15:05	0:10	Comparative Analysis of Immunodiagnostic Performance of Chemiluminescent Assay versus Immunochromatography for Toxoplasmosis Aulia Rahmi Pawestri, <i>Universitas Brawijaya, INDONESIA</i>
15:05 - 15:15	0:10	Effectiveness of Using Gum Arabic for Co-Microencapsulation of <i>Ruellia tuberosa</i> L. and <i>Tithonia diversifolia</i> Extracts as Encapsulating Agent and Release Studies Nabila Almayda, <i>Universitas Brawijaya, INDONESIA</i>
15:15 - 15:30	0:15	INVITED SPEAKER Synthesized of Metal Nanoparticles with Plant Extract Loaded with Niosomes for Potential Anti Skin Bacterial Psoriasis Che Azurahaman Che Abdullah, <i>Universiti Putra Malaysia, MALAYSIA</i>
15:30 - 15:40	0:10	COFFEE BREAK

SLOT PARALLEL 3.2		
Chairperson: Assoc Prof Dr Hanis Mohd Yusoff, Universiti Malaysia Terengganu, MALAYSIA		
Time	Duration	Venue: Patio 2, Level 2
15:40 - 15:55	0:15	INVITED SPEAKER Microbiota Profile Found in The Respiratory Tract of Coronavirus Disease-2019 (COVID-19) Patients <i>Nuning Winaris, Universitas Brawijaya, INDONESIA</i>
15:55 - 16:05	0:10	Generation of SARS-CoV-2 Virus-Like Particles in HEK-293T Cells <i>Kavan Hafil Kusuma, Universitas Brawijaya, INDONESIA</i>
16:05 - 16:15	0:10	Prebiotic Potential of Pineapple and <i>Curcuma xanthorrhiza</i> Rhizomes Solventless Extracts towards <i>Lacticaseibacillus paracasei</i> Proliferation <i>Mirdawati Mashudin, Universiti Teknologi Malaysia, MALAYSIA</i>
16:15 - 16:25	0:10	Effect of Ethanol Extract <i>Elaeocarpus grandiflorus</i> Leaves on Lipid Profile of Hyperlipidemia Rats <i>Wahyu Harini Nugrahaningsih, Universitas Negeri Semarang, INDONESIA</i>
16:25 - 16:35	0:10	The Effect of Polyethylene Microplastics Inhalation Towards Hematological Disorder <i>Hikmawan Wahyu Sulistomo, Universitas Brawijaya, INDONESIA</i>
16:35 - 16:45	0:10	Development of Functional Gluten-Free Noodles from Modified Cocoyam (<i>Xanthosoma sagittifolium</i>) and corn Flour <i>I Nengah Kencana Putra, Udayana University, INDONESIA</i>
16:45 - 17:00	0:15	INVITED SPEAKER Synergistic Effect of Hyperthermia Treatment Combined with Anti-cd200 Blockade Therapy in Modulating Immunological Response <i>Wan Fatin Amira Wan Mohd Zawawi, Universiti Teknologi Malaysia, MALAYSIA</i>
17:00 - 17:30	0:30	Closing Ceremony at Ballroom

SLOT PARALLEL 4.1		
Chairperson: Dr Farah Hanis Juhari, Universiti Teknologi Malaysia, MALAYSIA		
Time	Duration	Venue: Patio 3, Level 2
14:00 - 14:15	0:15	INVITED SPEAKER FRIM's Efforts in Research & Development of Herbal Products through Nanotechnology <i>Noor Rasyila Mohamed Noor, Forest Research Institute Malaysia (FRIM), MALAYSIA</i>
14:15 - 14:25	0:10	Metagenomics Approach for Honey eDNA Focusing Plant Species: Origin and Authentication <i>Saeed Ullah, Universiti Teknologi Malaysia, MALAYSIA</i>
14:25 - 14:35	0:10	Morpho-Agronomic Characters of Twenty-Two Indonesian Pigmented Rice (<i>Oryza sativa</i> L.) Varieties from East and Central Java, Indonesia <i>Yeni Avidhatul Husnah, Universitas Brawijaya, INDONESIA</i>
14:35 - 14:45	0:10	Deterioration of Protein and Carbohydrate During Processing of Animal Feed Pellet from Pineapple By-Product <i>Aidee Kamal Khamis, Universiti Teknologi Malaysia, MALAYSIA</i>
14:45 - 14:55	0:10	Amino Acid and Proximate Analysis of Tomatoes (<i>Solanum lycopersicum</i>) and its Potential Application as Anticomplication Diabetes Mellitus <i>Sekararum Narwasthu, Universitas Brawijaya, INDONESIA</i>
14:55 - 15:05	0:10	Exploring the Effect of Different Polymers on <i>Ruellia tuberosa</i> Linn Extract Microcapsules <i>Firza Rajasa Gunawan, Universitas Brawijaya, INDONESIA</i>

15:05	-	15:15	0:10	Analysis of the Potential of Arbuscular Mycorrhizal Fungi (AMF) as a Biofertilizer in Increasing Plant Productivity and Realizing Sustainable Agriculture Avivi Nur Aina, <i>Universitas Airlangga, INDONESIA</i>
15:15	-	15:30	0:15	INVITED SPEAKER Therapeutic Potential of Nutraceuticals Tooba Lateef, <i>University of Karachi, PAKISTAN</i>
15:30	-	15:40	0:10	COFFEE BREAK

SLOT PARALLEL 4.2				
Chairperson: Dr Husnul Khotimah, Universitas Brawijaya, INDONESIA				
Time		Duration	Venue: Patio 3, Level 2	
15:40	-	15:55	0:15	INVITED SPEAKER Goat Milk Skincare Nourishes, Moisturizes, and Exfoliates Skin to Improve Healthy Skin Cells Fatchiyah Fatchiyah, <i>Universitas Brawijaya, INDONESIA</i>
15:55	-	16:05	0:10	Exploring the Therapeutic Potential of <i>Salacca zalacca</i> in Hyperlipidemia: Insights from Network Pharmacology, Molecular Docking, and Dynamics Simulations Sri Utami, <i>Universitas Brawijaya, INDONESIA</i>
16:05	-	16:15	0:10	Computer-Aided and Experimental Studies of Conjugation Effect in Diimino Diphosphine-Based Compounds Towards Nonlinear Optic Application Mamoon Jilani, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
16:15	-	16:25	0:10	Potential of Active Compounds from Green Tea and Green Coffee as Selective FGF23 and FGFR4 Inhibitors against Cardiac Fibrosis Signaling in Metabolic Syndrome Conditions: In Silico Study Victor Alvianoes Guterez Hose, <i>Universitas Brawijaya, INDONESIA</i>
16:25	-	16:35	0:10	In Silico Evaluation of <i>Curcuma longa</i> Phytochemicals Interactions on Hypothalamic-Pituitary-Adrenal Axis Pathway Protein (HPA Axis): Traditional Malay Medicine Mechanism Study Nurul Nadhirah Rodzuan, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
16:35	-	16:45	0:10	Potential of Ligands from Binahong (<i>Anredera cordifolia</i>) Leaves Targeting to MMP2 Receptor of Breast Cancer Silvi Zakiyatul Ilmiyah, <i>Universitas Brawijaya, INDONESIA</i>
16:45	-	17:00	0:15	INVITED SPEAKER Functionalised-Natural Biomaterials for Cutaneous Tissue Engineering: Conventional vs Additive Manufacturing Technology Mohd Fauzi Mh Busra, <i>Universiti Kebangsaan Malaysia, MALAYSIA</i>
17:00	-	17:30	0:30	Closing Ceremony at Ballroom

SLOT PARALLEL 5.1				
Chairperson: Dr Wan Fatin Amira, Universiti Teknologi Malaysia, MALAYSIA				
Time		Duration	Venue: Studio 4, Level 2	
14:00	-	14:15	0:15	INVITED SPEAKER Diffusivity and Thermodynamic Analysis of Enzyme Entrapment within Calcium Alginate Beads for Starch Hydrolysis Nor Hasmaliana Abdul Manas, <i>Universiti Malaysia Pahang Al-Sultan Abdullah, MALAYSIA</i>
14:15	-	14:25	0:10	Isolation and Selection of Cellulose-Degrading Microbes from Empty Palm Oil Bunch Waste in Pasangkayu Regency, West Sulawesi I Gede Arya Sujana, <i>Udayana University, INDONESIA</i>
14:25	-	14:35	0:10	Therapeutic Potential of <i>Salacca zalacca</i> Skin (Snake Fruit) Ethanolic Extract as a Metabolic Syndrome Supplementation: A Comprehensive Study Using an In-Silico and In-Vitro Approach

			Diana Yuswanti Putri, <i>Universitas Brawijaya, INDONESIA</i>
14:35	- 14:45	0:10	Microplastic Pollution in Indonesian Rivers: A Mini Review of Water Contamination, Health Impacts, and Future Actions Maya Safitri, <i>Universitas Airlangga, INDONESIA</i>
14:45	- 14:55	0:10	Study on the Concentration of Polyvinyl Alcohol in Bioplastic Composites of Taro Starch and Other Polysaccharides Amna Hartiati, <i>Udayana University, INDONESIA</i>
14:55	- 15:05	0:10	IComPBag – An Innovative Positioning Device Mohd Fahmi Lukman, <i>National Defence University of Malaysia, MALAYSIA</i>
15:05	- 15:15	0:10	Lead-Resistant Bacteria in Heavy Metal Polluted Agricultural Soils Near Lapindo Mud Volcano Mohammed Bosha, <i>Universitas Brawijaya, INDONESIA</i>
15:15	- 15:30	0:15	INVITED SPEAKER ArgentTAC®: Innovative Adsorbent for Microfiber Removal from Laundry Wastewater Alyza A. Azmi, <i>Universiti Malaysia Terengganu, MALAYSIA</i>
15:30	- 15:40	0:10	COFFEE BREAK

SLOT PARALLEL 5.2			
Chairperson: Assoc. Prof. Ir. Dr. Dayang Norulfairuz Abang Zaidel, Universiti Teknologi Malaysia, MALAYSIA			
Time	Duration	Venue: Studio 4, Level 2	
15:40	- 15:55	0:15	INVITED SPEAKER Green Synthesis of Silver Nanoparticles and its Antibacterial Activity: A Bibliometric Analysis Nik Ahmad Nizam Nik Malek, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
15:55	- 16:05	0:10	Study of the Bioactive Potential of Doro Putih (<i>Strychnos lucida</i>) Extract: Phytochemical Profile, Antioxidant Activity and Cytotoxicity against Breast Cancer Cells Yuslinda Annisa, <i>Universitas Brawijaya, INDONESIA</i>
16:05	- 16:15	0:10	Entomo-Toxicological Approach using Enzyme Responses in Insects (<i>Callosobruchus maculatus</i>) for Monitoring Insecticide Contamination in Stored Cowpea Salihu Ibrahim Maikudi, <i>Ibrahim Badamasi Babangida University, NIGERIA</i>
16:15	- 16:25	0:10	Comparative Analysis of Different Natural Polymers as Coating Agents for Freeze-Dried Microencapsulation of <i>Cosmos caudatus</i> Kunth Compounds Izaz Aqeiluz Zahara, <i>Universitas Brawijaya, INDONESIA</i>
16:25	- 16:35	0:10	Antiobesity Performance of Encapsulated <i>Caulerpa racemosa</i> Extract Dewi Ratih Tirta Sari, <i>Universitas Ibrahimy, INDONESIA</i>
16:35	- 16:45	0:10	The Antihypertensive Effects and Safety Profile of <i>Physalis angulata</i> L. Leaf Extract Dian Nugrahenny, <i>Universitas Brawijaya, INDONESIA</i>
16:45	- 17:00	0:15	INVITED SPEAKER Effects of Rat Tickling on Stereotypic Behaviour and Ghrelin Farah Hanis Juhari, <i>Universiti Teknologi Malaysia, MALAYSIA</i>
17:00	- 17:30	0:30	Closing Ceremony at Ballroom