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ICBME 2019

Faculty of Science

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Welcoming Address by Chairman of ICBME2019

As chairman and on behalf of the Faculty of Science-UTM & Fakultas Teknologi Pertanian, University of Udayana, Bali, Indonesia 80361, (UNUD), I am honored to welcome all participants of the 2nd INTERNATIONAL CONFERENCE ON BIOSCIENCES AND MEDICAL ENGINEERING (ICBME) 2019. This biennial conference aims to bring together all scientists, engineers, academics, and students at Faculty-Faculty levels to present their most recent technological and scientific findings. Collaborative and multidisciplinary research are the main themes for this event since 2016. Multidisciplinary research is the way forward and all this began with the establishment of the Department of Biosciences at the Universiti Teknologi Malaysia back in 1997. A multidisciplinary research encompassing the fields of Biosciences, Chemistry, Physics, Mathematics and Engineering (i.e Medical Engineering), will instigate better research output that can benefit our countries as well as mankind. This is because true research work extends the boundaries of different research fields, by wholly embracing the differences and strengths of each. The dynamism that arise from this bold move can essentially propel many research findings from being just lab-based into commercial worthy technologies, that can benefit the general public.

In view of the rapidly advancing frontiers of science and technology, and the increasing importance of international collaboration, I strongly believe that new age research scientists should play a leading role in promoting concerted scientific activities from a global perspective. Scientific findings should not be limited to just to scientific publications or confined within the four walls of a lab. In truth, there should be information between scientific communities and the governments, as well as commercial manufacturers. This form of continuous collaboration and acceptance will facilitate the dissemination of important discoveries and information that will improve the existence of mankind and the environment. ICBME is also a platform to facilitate interactions between different nationalities and cultures by promoting worldwide student exchange and mobility programs. These programs have been expedited through the signing of several MoA and MoU agreements between UTM and other global partner universities. As a result, UTM has hosted a series of

international seminars for multidisciplinary research areas from 2017 and till late 2018.

From the perspective of the conference itself, the scientific committee is consisted of esteemed local and international academics. The full research papers will be published in the AIP Conference Proceedings and indexed in SCOPUS. I wish to extend my sincerest appreciation to all committee members of ICBME for their firm commitment in ensuring the smooth groundwork and success of the conference. Finally, I would like to extent my deepest gratitude to the state government of Malaysia (Pulau Pinang, Selangor, Melaka & Kedah), Yayasan FELDA and ADABI for their financial assistance. Personally, I look very much forward to hearing about the latest developments in the scientific field of research. With this, I wish that everyone will enjoy a successful and enlightening conference!

-

Professor Fahrul Huyop, Chairman of ICBME2019, Department of Biosciences, Faculty of Science, Universiti Teknologi Malaysia (UTM).

Foreword by Co-Chairman 1

It is a great honor for me to cordially welcome you all to Bali, Indonesia. As the Co-Chairman I of this conference and on behalf of the Faculty of Science-UTM & Faculty of Agricultural Technology, Udayana University, Bali, Indonesia (UNUD), I am also honored to welcome all participants of the 2nd INTERNATIONAL CONFERENCE on BIOSCIENCES AND MEDICAL ENGINEERING (ICBME) 2019, the biennial conference. I hope the meeting will meet the aims, to bring together all scientists, academics and students from various universities & institutions to this occasion in Bali.

As a co-host, I would like to take this opportunity to express my sincere gratitude to the Universiti Teknologi Malaysia (UTM) for giving trust to the Faculty of Agricultural Technology Udayana University to take part in the event. We would like also to extend our sincerely thanks to all of our Keynote speakers & plenaries, oral and poster participants for contributing to the conference program. Furthermore, we would like to express our most sincerely appreciation to all contributing organisations and the conference organising committees who have been working hard and with full dedication to make this conference possible.

Therefore, it is an honour for Udayana University Bali to co-host the 2nd ICBME conference to disseminate knowledge, research results, and technology, share the success stories and exchange ideas among us and possibly our external stakeholders from around the world.

Finally, I wish you all, enjoying the conference, having a fruitful experience and networking as well as having a pleasant stay in Pulau Dewata, of Bali.

Dr. Ida Bagus Wayan Gunam

Co-Chairman I

Department of Agroindustrial Technology,

Faculty of Agricultural Technology,

Udayana University (UNUD).

Foreword by Co-Chairperson II



As the Co-chairperson II, it is my pleasure to welcome all of the great scientists, academicians, young researchers and students from all over the world to attend of the 2nd International Conference on Biosciences & Medical Engineering (ICME2019) from 11th -12th April, Bali, Indonesia. We aim to bring together, a multi-disciplinary group of scientists and engineers from all over the world to present and exchange ground-breaking ideas concerning sciences and engineering. The objective of this conference is to promote top level research, as well as the globalization of quality of research in general. We aim to create internationally competitive discussions and presentations that centre on current outstanding accomplishments in the field of science and engineering, to meet future trends and demands. Most importantly, the 2nd ICBME shares a vision into the recent transdisciplinary research and cutting-edge technologies, presented by exuberant proficient, young and brilliant researchers and brilliant student communities. I sincerely hope that this conference will deliberate all the diverse facets of this exciting topic and bring us closer to a greener and more sustainable way of living.

I congratulate you for your commitment and active involvement, and wishing you all the success.

Roswanira Ab.Wahab Assoc. Professor Dr. Roswanira Ab. Wahab, Department of Chemistry, Faculty of Science, Universiti Teknologi Malaysia (UTM).

EDITORIAL BOARD MEMBERS

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Technicals

Dr. Mohamed Faraj Edbeib Dr. Sulaiman Mohammed

Conference Schedule

Day 1 11th April 2019 (Thursday)

TIME		VENUE	
IIIVIE	DENPASAR ROOM		
08.00 am –	Registration		
08.30 am			
08.30 am –	Welcome Address by Master of C	eremony	
08.50 am			
08.50 am –	Balinese Dances		
09.00 am			
09.00 am –	Welcoming Speech by Chairman	of ICBME2019	
09.15 am			
09.15 am –	Opening by Rector of Udayana U	niversity	
09.30 am			
09.30 am –	Keynote Speaker I:		
10.00 am	Prof. Chiharu Nakamura (Kobe U	niversity, Japan)	
10.00 am –	Keynote Speaker II:		
10.30 am	Prof. Uda Hashim (Universiti Mal	aysia Perlis)	
10.30 am –	Tea Break / Pos	ter Presentation & Judging Session (Poster #001 - 008)
11.00 am	rea break / Fos	ter Fresentation & Judging Session (
Breakup Session 1	PARALLEL SESSION A DENPASAR ROOM, LEVEL 3 Chairperson: Prof. Fahrul Huyop	PARALLEL SESSION B TABANAN ROOM, LEVEL 4 Chairperson: Dr. Ida Ayu Astarini	PARALLEL SESSION C BANGLI ROOM, LEVEL 4 Chairperson: Assoc. Prof. Roswanira Abd Wahab
11.00 am –	Plenary I: Prof. Teruo Sone	Plenary II: Prof. Chung-Ho Lin	Plenary III: Prof. N. Andarwulan
11.30 am	(Hokkaido University, Japan)	(University of Missouri, USA)	(Bogor Agriculture University)
11.30 am –	001	003	005
11.45 am			
11.45 am –	002	004	006
12.00 pm			
12.00 pm – 01.30 pm		Lunch	

Breakup Session 2	PARALLEL SESSION A DENPASAR ROOM, LEVEL 3 Chairperson: Dr Mohd Helmi Sani	PARALLEL SESSION B TABANAN ROOM, LEVEL 4 Chairperson: Dr Zaidah Rahmat	PARALLEL SESSION C BANGLI ROOM, LEVEL 4 Chairperson: Dr Syazwani Itri Amran
01.30 pm –	Invited speaker: 1	Invited speaker: 2	Invited speaker: 3
01.45 pm	Prof. Fatchiyah	Assoc. Prof. Dr. Amir Husni	Prof. Nermin Gozukirmizi
	(Brawijaya University)	(University Malaysia Sabah)	(Istinye University, Istanbul)
01.45 pm –	007	012	017
02.00 pm			
02.00 pm –	008	013	018
02.15 pm			
02.15 pm –	009	014	019
02.30 pm			
02.30 pm –	010	015	020
02.45 pm			
02.45 pm –	011	016	021
03.00 pm			
03.00 pm – 03.15 pm	Tea Break / Poster Presentation & Judging Session (Poster #009 – 015) & Data Collection		

Breakup Session 3	PARALLEL SESSION A DENPASAR ROOM, LEVEL 3 Chairperson: Prof. Nermin Gozukirmizi	PARALLEL SESSION B TABANAN ROOM, LEVEL 4 Chairperson: Prof. Fatchiyah	PARALLEL SESSION C BANGLI ROOM, LEVEL 4 Chairperson: Dr. Azzmer Azzar Abd. Hamid
03.15 pm –	022	030	038
3.30 pm			
03.30 pm –	023	031	039
03.45 pm			
03.45 pm –	024	032	040
04.00 pm			
04.00 pm –	025	033	041
04.15 pm			
04.15 pm –	026	034	042
04.30 pm			
04.30 pm –	027	035	043
04.45 pm			
04.45 pm –	028	036	044
05.00 pm			
05.00 pm –	029	037	045
05.15 pm			
7.00 pm –		GPAND DINNER & End of Day 1	
9.00 pm		GRAND DINNER & End of Day 1	

Day 2 12th April 2019 (Friday)

	PARALLEL SESSION A	PARALLEL SESSION B	PARALLEL SESSION C
Breakup	DENPASAR ROOM, LEVEL 3	TABANAN ROOM, LEVEL 4	BANGLI ROOM, LEVEL 4
Session 1	Chairperson:	Chairperson:	Chairperson:
	Dr Nurriza Ab Latif	Dr Naji Arafat Mahat	Dr Fazilah Abd Manan
08.30 am –	Invited speaker: 4	Invited speaker: 5	Invited speaker: 6
08.45 am	Prof. Nyoman Semadi Antara	Dr. Azzmer Azzar Abdul Hamid	Assoc. Prof. Noraziah Mohamad
	(Udayana University)	(International Islamic University	Zin (Universiti Kebangsaan
		Malaysia)	Malaysia)
08.45 am –	046	051	056
09.00 am			
09.00 am –	047	052	057
09.15 am			
09.15 am –	048	053	058
09.30 am			
09.30 am –	049	054	059
09.45 am			
09.45 am –	050	055	060
10.00 am			
10.00 am –	Too Brook / Post	ter Presentation & Judging Session (Po	oster #016 - 022\
10.15 am	rea break / ross		, , , , , , , , , , , , , , , , , , ,
	PARALLEL SESSION A	PARALLEL SESSION B	PARALLEL SESSION C
Breakup	DENPASAR ROOM, LEVEL 3	TABANAN ROOM, LEVEL 4	BANGLI ROOM, LEVEL 4
Session 2	Chairperson:	Chairperson:	Chairperson:
	Dr. I Nengah Sujaya	Prof. I Made Supartha Utama	Dr. A.A.P.A. Suryawan W.
10.15 am –	Invited speaker: 7	Invited speaker: 8	Invited speaker: 9
10.30 am	Dr. Yilmaz Kaya (Ondokus Mayis	Prof. Amin Retnoningsih	Dr. Musyawwir Taiyeb
	Unibversity, Turkey)	(Universitas Negeri Semarang)	(Universitas Negeri Makassar)
10.30 am –	061	068	075
10.45 am			
10.45 am –	062	069	076
11.00 am			

11.00 am –	063	070	077
11.15 am			
11.15 am –	064	071	078
11.30 am			
11.30 am –	065	072	079
11.45 am			
11.45 am –	066	073	080
12.00 pm			
12.00 pm –	067	074	081
12.15 pm			
12.15 pm –		Lunch/Friday Prayer	
2.30 pm		Lunch/Finday Prayer	

Breakup Session 3	PARALLEL SESSION A DENPASAR ROOM, LEVEL 3 Chairperson: Dr. Tri Ardyanti	PARALLEL SESSION B TABANAN ROOM, LEVEL 4 Chairperson: Dr. Ida Bagus Wayan Gunam	PARALLEL SESSION C BANGLI ROOM, LEVEL 4 Chairperson: Dr. Niken Subekti
02.30 pm –	082	085	088
02.45 pm			
02.45 pm –	083	086	089
03.00 pm			
03.00 pm –	084	087	090
03.15 pm			
03.15 pm – 03.30 pm	Tea Break / Poster Presentation & Judging Session (Poster #023 – 035) & Data Collection		3 – 035) & Data Collection
	PARALLEL SESSION A	PARALLEL SESSION B	PARALLEL SESSION C
Breakup	DENPASAR ROOM, LEVEL 3	TABANAN ROOM, LEVEL 4	BANGLI ROOM, LEVEL 4
Session 4	Chairperson:	Chairperson:	Chairperson:
	Dr. Desak Made Wihandani	Dr. I Made Mahaputra Wijaya	Dr. Ni Nengah Dwi Fatmawati
03.30 pm –	091	094	097
03.45 pm			
03.45 pm –	092	095	098
04.00 pm			
04.00 pm –	093	096	099
04.15 pm			
04.15 pm –		Closing Ceremony	
04.45 pm		Closing Ceremony	

KEYNOTE 1



Nucleus-Cytoplasm Genome Interaction Affecting Adaptive Traits in Wheat

Chiharu Nakamura, Shotaro Takenaka, Ryohei Yamamoto and Tsuyoshi Furumoto

Department of Plant Life Science, Faculty of Agriculture, Ryukoku University

Correspondence: cnakamura@agr.ryukoku-ac.jp

Genetic diversity affecting adaptive traits is an attractive research subject. Due to recent climate changes, submergence/waterlogging has become an increasingly important environmental stress reducing crop production worldwide. We have initiated studies on submergence stress response of wheat that has remained largely uninvestigated and unknown. Our primary aims are, 1) to assess nuclear and cytoplasmic genetic diversity affecting submergence stress response, and 2) to clarify transcriptome changes associated with submergence stress. We used 12 wheat cultivars with a wide range of morphological and geographical diversity and 37 nucleus-cytoplasm hybrids possessing heterologous cytoplasms of Triticum and Aegilops species combined with a nucleus of wheat cv. Chinese Spring (CS). We adopted test-tube bioassay method to study effects of submergence on seedling growth after giving stress on imbibed seeds and incubating them under desubmergence conditions. Seedling growth was evaluated by shoot length measured with and without submergence. Phenotypic assay revealed large variabilities both in the nuclear and cytoplasmic genomes. Transcriptome profiles were also studied using the nuclear donor CS by RNA-Seq analysis using seedlings treated with different stress conditions. Significant submergence- and homoeologous genome-specific changes were observed in transcripts between stressed and control seedlings. Nucleus-cytoplasm interactions affecting this important agronomic trait will be discussed.

Key words: cytoplasm substitution, nucleus-cytoplasm hybrids, phenotyping, submergence, tolerance, transcriptome profiling

KEYNOTE 2



Nanotechnology in Medical Diagnosis: An Approach towards Commercialization

Uda Hashim

Institute of Nano Electronic Engineering, Universiti Malaysia Perlis, 01000 Kangar, Perlis, Malaysia.

Correspondence: uda@unimap.edu.my

Human health poses severe problems by emerging and re-emerging diseases, create healthcare issues and losses to the economy. Concerning the recorded and revealed diseases in the past, the development and advancement with nanotechnology-mediated diagnosis is mandatory, need to be implemented to subside the hurdles associated with the above issues. The generation of high-performance nanosensors could be the central importance for medical diagnosis, surveillance of emerging diseases and controlling the pathogens. By keeping all these facts in the mind, we have been actively involved in developing various nanostructured sensors. The nanostructures produced are nanoworm, nano-thin films, nanowire, spotted nanoflowers, tripartite lab-on-a-chip, and interdigitated electrodes. These nanostructures are anchored with different probes, including antibody, enzyme and DNA, to specifically sense the clinical biomarkers for cervical cancer, diabetes, Leptospirosis, Cholera and repeated pregnancy loss. Our created nanostructured hybrids with the above biomarkers created the high-performance nanobiosensors to bridge the laboratory to the industry. Our nanobiosensors have been evidenced with the precise measurements, exhibits a higher sensitivity and specificity to be suitable for the point-of-care analysis. Further, we are moving towards commercialization with portable prototypes, evidences the attainment with the above diagnosing platform on medicine and healthcare.

Keywords: Nanotechnology, biosensors, medical diagonis, nanostructures

Plenary 1



Challenges for Viticulture and Wine Production in Hokkaido

Teruo Sone

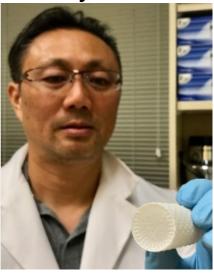
Research Faculty of Agriculture, Hokkaido University, Japan.

Correspondence: sonet@chem.agr.hokudai.ac.jp

Hokkaido is the top producer of wine grape in Japan, but not the top producer of wine. There are still many challenges are required to be the top wine producing area in Japan and worldwide. In this presentation, current situation and ongoing challenges in Hokkaido wine production, especially microbiological research for the wine production, such as endophyte utilization, and isolation of indigenous wine yeast will be explained.

Keywords: wine production, grapes, endophyte

Plenary 2



Bioeconomy: The Path to Sustainability

Chung-Ho Lin

Center for Agroforestry, University of Missouri (MU), USA

Correspondence: linchu@missouri.edu

Annually, more than 600 million tons of waste plant materials (WPM) are generated worldwide. Conventionally, the uses of the WPM have been only limited to home gardening, compost, animal feed and landfills. The Center for Agroforestry at University of Missouri (UMCA) has initiated a program to utilize these waste materials for development of bioeconomy in the region through integration of modern metabolomics platforms, high throughput screening, and novel biocatalyst systems. The developed approaches and green technologies developed at UMCA have been successfully transferred to the industry for production of biofuel, environmental remediation, food production, and bio-based cosmetics products. The findings from our projects will provide the opportunities to turn abundant, low-value, renewable materials from the WPM into a lucrative industry and help foster the economic development and sustainability in the region.

Keywords: Bioeconomy, waste plant materials, green technology

Plenary 3



Profile and Antimicrobial Activity of Protein Extract from Sea Snail Gonggong (Strombus sp.) as source of Antimicrobial Peptide

Nuri Andarwulan*^{1,2}, Lily Viruly², Maggy T. Suhartono², Mala Nurilmala³; ¹Southeast Asian Food&Agricultural Science&Technology(SEAFAST), Bogor Agricultural University, Indonesia; ²Departement of Food Science&Technology, Faculty of Agricultural Technology, Bogor Agricultural University, Indonesia; ³Department of Fisheries Processing Technology, Faculty of Fisheries and Marine Science, Bogor Agricultural University, Bogor, West Java, Indonesia.

*Correspondence: and arwulan@apps.ipb.ac.id

Sea snail 'gonggong' is a tropical Strombus that was widely distributed within the coastal areas of the Indo-West Pacific region. Informations regarding the biology molecular, ecology, and fishery of the species gonggong are very limited and currently there is no regulation concerning the fishery of the species. The purpose of this study was to identify the species of sea snail 'gonggong' (Strombus sp.) from Indonesia based on morphology and protein profiles as antimicrobial candidate. Identification of species sea snails 'gonggong' were based on morphology using morphometric variability and identification were also based on protein profiles and molecular weight using SDS-PAGE. Molecular characterization was done for DNA profile of the thin-shelled and thick-shelled sea snails 'gonggong' to identify the similarities based on its phylogenetic. A molecular characterization analysis was done by using MEGA version 6.06 and bioinformatics analysis. Antimicrobial activity assays were well diffusion methods. Results of identification species of sea snails 'gonggong' based on morphology indicated that thick-shelled and thin-shelled sea snails 'gonggong' had different characteristics, they were significantly different due to the size, weight, and shape of the shell, as well as organ physiology. Results of species identification based on protein profiles showed that the thin-shelled and thick-shelled sea snails 'gonggong' had the same protein profiles and molecular weight of 20-100 kDa. Result of a molecular phylogenetic analysis showed that the thin-shelled and thick-shelled sea snails 'gonggong' were same species and had a genetic distance of 0.006. They were different species as Strombus canarium, Strombus vitatus and Strombus epidromis. The antimicrobial activity of protein extract of sea snails 'gonggong' for Gram-positive bacteria (S. aureus) were more potential than that of Gram-negative bacteria (E. coli). The protein extract of boiling thick-shelled 'gonggong' had the highest antimicrobial activity. Sea snail 'gonggong' from Indonesia was *Strombus* sp. and had the potency as antimicrobial peptide.

Keywords: *Gonggong*, Snails, *Strombus* sp., antimicrobial peptide.

List Oral Presentations

Paper No	Presenter	Title of Abstract	Correspondence E-mail
001	Fera Ibrahim Universitas Indonesia, Indonesia	The Usage of Green Fluorescent Protein as Marker to Evaluate DNA Vaccine Delivery System in BALB/c Mice	silvia_3w@yahoo. com
002	Mustapha Abba Universiti Teknologi Malaysia, Malaysia	Production and Characterisation Microbial Polymer of Biotechnological Importance	mustaphaabba69 @gmail.com
003	Mohd. Shukri Baba International Islamic University Malaysia, Malaysia	Piper sarmentosum Leaf as A Promising Non-Toxic Antiparasitic Agent Against <i>Trypanosoma evansi</i> -induced Mice	mohd_shukri@iiu m.edu.my
004	Fazilah Abd Manan Universiti Teknologi Malaysia, Malaysia	Physical and Biochemical Characterization of Nephrolephis biserrata in Cadmium-polluted Soil	m- fazilah@utm.my
005	Prima Luna Indonesian Center for Agricultural Postharvest Research & Development (ICAPRD)	Functional Monoglyceride as Potential Emulsifier and Natural Preservative	primaluna@perta nian.go.id
006	Khairunadwa Jemon Universiti Teknologi Malaysia, Malaysia	Local Hyperthermia Treatment Improves Antitumour Response in Breast Cancer Model in vivo	khairun_nadwa@ utm.my
007	Abdah Md Akim Universiti Putra Malaysia, Malaysia	Stingless Bee Honey Effect on LPS-induced Systemic Acute Inflammation Through NF-кВ, P38- MAPK and Nrf-2 Signalling Pathways	abdah@upm.edu. my
008	Abdul Fatah Deraman Universiti Teknologi Malaysia, Malaysia	Fire-retardancy of Wood Coated by Titania-based Photocatalysts	sheela@utm.my
009	I Nengah Sujaya Udayana University, Indonesia	Genetic Diversities of <i>Lactobacillus rhamnosus</i> Strains Isolated from Sumbawa Mare Milk	nsujaya@unud.ac .id
010	Hend Salaheldien Universiti Teknologi Malaysia, Malaysia	Effect of Cisplatin on Triple Negative Breast Cancer	praseetha@fbb.u tm.my
011	Noraimah Sulaiman Institut Pertanian Bogor, Indonesia	Identification and Sequence Analysis of Structural Gene Encoding Bacteriocin Plantaricin EF IIA-1A5 from <i>Lactobacillus plantarum</i> IIA-1A5	noraimah_sulaim an@yahoo.com. my
012	Naji Arafat Mahat Universiti Teknologi Malaysia, Malaysia	Composition and Life Cycles of Necrophagous Flies Infesting Wrapped and Unwrapped Rabbit Carcasses in Johor for Forensic Applications	naji.arafat@utm. my
013	Sartini Sartini Hasanuddin University, Indonesia	Antioxidant, Antibacterial, and Synergistic Activity Between Phenolic-Rich Green Tea Extract and Amoxicillin Against Methicillin-Resistant Staphylococcus aureus	sardj@farmasi.un has.ac.id
014	Heeravathy Ramachandran Universiti Teknologi Malaysia, Malaysia	Protein Identification in Fresh and Dry Seed of Moringa oleifera	zaidahrahmat@ut m.my
015	Ng Mei Ling Universiti Teknologi Malaysia, Malaysia	Effect of Hot and Cold Infusion of Orthosiphon stamineus on The Antioxidant Activity	zaidahrahmat@ut m.my
016	Zetty Amirah Zulkifli Universiti Teknologi Malaysia, Malaysia	Best Protein Extraction Method for <i>Moringa</i> oleifera's Petiole	zaidahrahmat@ut m.my
017	Mohd Dasuki Sul'ain Universiti Sains Malaysia, Malaysia	Methanolic Tuber Extract of <i>Dioscorea esculenta</i> as A Potential Breast Cancer Agent and Its Safety Evaluation	drdasuki@usm.m y

Paper No	Presenter	Title of Abstract	Correspondence E-mail
018	Ilya Syafeeqa Hanaffee Universiti Teknologi Malaysia, Malaysia	Development of Flavanone Biosynthetic Genes Library	izzati@utm.my
019	Aminatus Zuhriyah Institut Pertanian Bogor, Indonesia	The Effect of Purified Recombinant Bromelain on Physical Properties of Duck Meat	cahyo82@gmail.c om
020	Olfa Mega Institut Pertanian Bogor, Indonesia	In silico Gene Optimization and Structural Homology Modelling of Lon-like from Lactobacillus plantarum IIA-1A5	olfa_mega@unja. ac.id
021	Adiansyah Syarifuddin Hasanuddin University, Indonesia	Characterization of Edible Films from 'Dangke' Whey/Pectin, Beeswax and Butter Aroma	adiansyah@agri.u nhas.ac.id
022	Jibrin Mohammed Danlami Kaduna Polytechnic, Nigeria	Solubility Assessment of <i>Canarium schweinfurthii</i> (Parsley) Oil in Supercritical Carbon Dioxide	jibrin349@yahoo. com
023	Nor Hasmaliana Abdul Manas Universiti Teknologi Malaysia, Malaysia	Transport Phenomena of Carbazole Biodegradation by Immobilized <i>Thalasosspira profundimaris</i> Cell and Mechanical Properties	hasmaliana@utm .my
024	Khoirun Nisa Research Unit for Natural Products Technology, Indonesian Institute of Sciences (LIPI), Indonesia	Physico-Chemical Composition of Fermented Rice Bran and its Antibacterial Activity	nisa.khoirun@yah oo.com
025	Aida Rasyidah Azman Universiti Teknologi Malaysia, Malaysia	Recovery of Human DNA from Canine Teeth Exposed to Direct Heating of 300°C at Varying Durations for Forensic Identification	naji.arafat@utm. my
026	Siti Utami Sulasty Universitas Sebelas Maret (UNS), Indonesia	Antioxidant Activity and Proximate Composition of Strid Drying Fermented (Tempe) 'Gude' Beans (Cajanus cajan)	amiksulasty1974 @gmail.com
027	I Gede Putu Wirawan Udayana University, Indonesia	Detection of <i>Candidatus</i> Liberibacter asiaticus in Six Species of Citrus Plants (<i>Citrus</i> spp.) in Taro Village, Gianyar, Bali, Indonesia	igpwirawan@unu d.ac.id
028	Nursyafiqah Elias Universiti Teknologi Malaysia, Malaysia	Lipase Immobilized on Nanocellulose-silica Hybrid Polyethersulfone Membrane: Application in Ester Synthesis	roswanira@utm. my
029	Murdani Abdullah Universitas Indonesia, Indonesia	Characterisation of Colon Cancer Stem Cells from Patient Cancer Colorectal from Ciptomangun Kusumo National Hospital Using CD 44, NANOG and OCT4 gene	sofy.meilany@ya hoo.com
030	Punitawathy Palanisamy Universiti Teknologi Malaysia, Malaysia	Morphological Study of Alternanthera sessilis	zaidahrahmat@ut m.my
031	Nur Azzanizawaty Yahya Universiti Teknologi Malaysia, Malaysia	Ultrasound-assisted Extraction of Polyphenols from Pineapple Peels	roswanira@utm. my
032	Zaidah Rahmat Universiti Teknologi Malaysia, Malaysia	Bioactive Constituents of Natural Infused Juice	zaidahrahmat@ut m.my
033	Nur Izyan Wan Azelee Universiti Teknologi Malaysia, Malaysia	Comparative Study of Microwave-assisted Pretreatments for Enhancing Pineapple Waste Delignification	nur.izyan@utm.m y
034	Sit Nam Weng Universiti Tunku Abdul Rahman (UTAR), Malaysia	Pharmacological Activities and Phytochemical Content of the leaves of <i>Syzygium myrtifolium</i> Korth	sitnw@utar.edu. my

Paper No	Presenter	Title of Abstract	Correspondence E-mail
035	Sri Mulyani Udayana University, Indonesia	The Relation of Turmeric and Tamarind Leaves Extract Ratio with Induction Time and Antioxidant Synergism	srimulyani@unud .ac.id
036	G.S. Suhartati Djarkasi Sam Ratulangi University (UNSRAT), Indonesia	Antioxidant Activity of Karimenga (Acorus calamus)	tati_su@unsrat.a c.id
037	I Made Supartha Utama Udayana University, Indonesia	Efficacy of ethanol vapor in delaying quality deterioration of mangosteen fruits during storage at room and cool temperatures	supartha_utama @unud.ac.id
038	Ratna Suffhiyanni Omar Universiti Teknologi Malaysia, Malaysia	Entrance Surface Dose of Eyes and Thyroid using NanoDot Optically Stimulated Luminescence in 64- Slices Computed Tomography Scanner	ratnasuffhiyanni @gmail.com
039	Teba Abdul Lateef Government College of Home Economics, Karachi, Pakistan	Association of Fast Food Consumption with BMI: A Cross-sectional Survey among Female Adolescents in Karachi, Pakistan	tebalateef7@gma il.com
040	Enni Rahayu Universitas Negeri Semarang (UNNES), Indonesia	Characterization and Ethnopharmacological Study of Black Rice "Sirampog" for Proposing as Superior Variety in Indonesia	enni_sr@mail.un nes.ac.id
041	Sri Lilijanti Widjaja Universitas Sebelas Maret (UNS), Indonesia	Problems in Breastmilk Cell Isolation	srilili04@yahoo.c om
042	Muhammad Makky (1) Andalas University, Indonesia	Determination of Moisture Content for Rice Using Non-destructive Near-Infrared (NIR) Spectroscopy - 3	muhmakky@ae.u nand.ac.id
043	Dinah Cherie Andalas University, Indonesia	Determination of the Optimum Harvest Window (OHW) for Oil Palm Fresh Fruits Bunch (FFB) Using Non-Destructive SWIR Spectrometer (1)	muhmakky@ae.u nand.ac.id
044	Mohammad Fadhil Asyraf Mohamad Zuber International Islamic University Malaysia, Malaysia	Aluminium Toxicity in Bauxite-Mined Soils: Potential Phytoremediation by <i>Jatropha curcas</i>	zzarina@iium.edu .my
045	Amna Hartiati Udayana University, Indonesia	The Effect of Solution Concentration and Duration of Against the Glucomannan Characteristics of Taro Sweet Potato Flour	amna.hartiati@g mail.com
046	Francisco Elegado University of the Philippines Los Baños, Philippines	Screening, Identification and Optimization of Extracellular Lipase Production of Yeast (<i>Cryptococcus flavescens</i>) Isolated from a Tree Canopy Fern in the Mount Makiling Forest Reserve, Philippines	fbelegado@up.ed u.ph
047	Mohamad Ariff Mohamad Yussoff International Islamic University Malaysia, Malaysia	Molecular Dockings and Molecular Dynamics Simulation Study on Potential Ebola Matrix Protein VP40 Inhibitors	kbariyyah@iium.e du.my
048	Dwi Astuti Pusat Penelitian Bioteknologi (LIPI), Indonesia	The Characters and Diversity of Prolactine and Growth Hormone Genes in the Local 'Turi' Ducks of Indonesia	asdwi2016@gmai I.com
049	Trisanti Anindyawati Pusat Penelitian Bioteknologi (LIPI), Indonesia	Heterologous Expression of <i>Trichoderma reesei</i> Exoglucanase (Cel6A) in <i>Pichia pastoris</i> Under the Control of GAP Promoter	atrisanti@yahoo. com
050	Robelyn Tortillas Piamonte Visayas State University, Philippines	A Reliable and Sensitive Virus Diagnostics in Screening of Abaca Germplasm Accessions for Resistance against Bunchy Top Viruses	rtpiamonte@vsu. edu.ph

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051	I Nengah Kencana Putra Udayana University, Indonesia	Evaluation of the Nutritional, Physical, and Sensory Quality of Functional Simulated Chips Produced from Wheat and Pregelatinized Tannia Flour Blends	nengahkencana@ unud.ac.id
052	Siti Khadijah Lukman Universiti Teknologi Malaysia, Malaysia	Different Amount of Ginseng Encapsulated in Poly (lactic-co-glycolic acid) Microcapsules: A Preliminary Study	syafiqahsaidin@b iomedical.utm.my
053	Alex Lo Zhen Kai Universiti Teknologi Malaysia, Malaysia	Physico-chemical, Antibacterial and Cytotoxicity Analyses on <i>Aloe vera</i> Saponified Triglyceride	syafiqahsaidin@b iomedical.utm.my
054	Mohamad Afiq Mohamed Huri Universiti Teknologi Malaysia, Malaysia	Analysis of Cocaine in Saliva Using Gas Chromatography Mass Spectrometry	afiqhuri@kimia.fs .utm.my
055	Sang Ayu Made Putri Suryani Udayana University, Indonesia	Population Structure of <i>Rasbora</i> sp in the poluted water in Sungi River of Tabanan Regency, Bali, Indonesia	igpwirawan@unu d.ac.id
056	Muhammad Makky (2) Andalas University, Indonesia	Determination of Moisture Content for Rice Using Non-destructive Short-Wave Near-Infrared (SWIR) Spectroscopy	muhmakky@ae.u nand.ac.id
<i>057</i>	Emmanuel Onoja The Federal Polytechnic, Kaura Namoda, Nigeria	Effect of Glutaraldehyde Concentration on Catalytic Efficacy of <i>Candida rugosa</i> Lipase Immobilized onto Nanosilica from Oil Palm Leaves	onojaemmanuel3 0@yahoo.com
058	Mohammad Hakim Mohammad Hood International Islamic University Malaysia, Malaysia	Molecular Docking Analysis of β-1,4-Glucosidase from <i>Trichoderma harzianum</i> Against Mycelial Cell Wall Components of <i>Macrophomina phaseolina</i>	azzmer@iium.edu .my
059	Farhan Mohd Said Universiti Malaysia Pahang, Malaysia	Effect of Factors on The Red Pigment Production in The Stirred Drum Bioreactor: Fractional Factorial Design Approach	farhan@ump.edu .my
060	Feri Eko Hermanto Universitas Brawijaya, Indonesia	Potential Role of Glyceollin as Anti-Metastatic Agent through TGF-β Receptors Inhibition Signaling Pathways: A Computational Study	feri.eko.hermant o@hotmail.com
061	Mohd Helmi Sani Universiti Teknologi Malaysia, Malaysia	Selection of Microcarriers for The Mammalian Cells in Microwell Attachment Plates	helmisani@utm. my
062	Muhammad Amin Jumat Universiti Teknologi Malaysia, Malaysia	Evaluation of The Antibacterial Activity and Cytotoxicity of Natural Soap Formulated with Edible Bird Nest Extract	syafiqahsaidin@b iomedical.utm.my
063	Adam Izzuddin Nasir Universiti Teknologi Malaysia, Malaysia	Analysis of Putative Transport Mechanism of Haloacid into <i>Rhizobium</i> sp. RC1	fahrul@utm.my
064	Johan Sukweenadhi University of Surabaya, Indonesia	Isolation and In Vitro Screening of Plant Growth Promoting <i>Rhizobacteria</i> from <i>Barak cenana</i> Red Rice	sukweenadhi@g mail.com
065	Wiwik Susanah Rita Udayana University, Indonesia	Antimicrobial Activity of <i>Acorus calamus</i> L. Rhizome Extract and Its Total Flavonoid and Phenolic Contents	susanah.rita@un ud.ac.id
066	Shalyda Md Shaarani Universiti Malaysia Pahang, Malaysia	Vermicomposting of Landfill Leachate using Earthworms for Biofertilizer Production	shalyda@ump.ed u.my

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067	Niken Subekti Universitas Negeri Semarang (UNNES), Indonesia	Insecticidal Effect of Nanoparticle of Essential oil Isolated from <i>Cinnamomum aromaticum</i> Compared with Chlorpyrifos Against <i>Tribolium castaneum</i>	nikensubekti@mail. unnes.ac.id; nikensubektiunnes @gmail.com
068	Enrico Cabutaje University of Santo Tomas, Philippines	Diversity of Myxomycetes in Typhoon Prone Areas: A Case Study in Beach and Inland Forests of Aurora and Quezon Province, Philippines	enricocabutaje102 @gmail.com
069	Jhon Hardy Purba Udayana University, Indonesia	The Benefits of Multipurpose Traditional Gardens Against Food Needs and Environmental Values in Indonesia	jhonhardy@yahoo. com; sasmita_na@yahoo .com
070	Muhammad Naeim Mohamad Asri Universiti Sains Malaysia, Malaysia	Towards Establishing a Non-Destructive Techniques for Forensic Ink Analysis Involving Raman Spectroscopy with Chemometric Procedures	redwarriorssmkk@ gmail.com
071	G.P. Ganda-Putra Udayana University, Indonesia	Characteristics of Cocoa Vinegar from Pulp Liquids Fermentation by Various Methods	gandaputra@unud. ac.id
072	Prof Hazim Qiblawey Qatar University, Qatar	Development of Novel Thin Film Composite Reverse Osmosis Membranes for Desalination	hazim@qu.edu.qa
073	Hostalige Hutasoit Universitas Brawijaya, Indonesia	Investigation of Paramagnetic Character in The Complex of Akway Bark (<i>Drimys piperita</i> Hook f.) as A Radical Scavenger	hostaligehutasoit@ yahoo.co.id
074	Luh Putu Wrasiati Udayana University, Indonesia	Type of Solvent and Extraction Time Affects Yield and Bioactive Compounds of Sea Lettuce (<i>Ulva lactuca</i> L)	wrasiati@unud.ac.i d
075	Syazwani Itri Amran Universiti Teknologi Malaysia, Malaysia	Authentication of halal food products using minibarcoding approach	syazwaniitri@utm. my
076	Pavitra Nandagopal Universiti Teknologi Malaysia, Malaysia	Development of compatible expression plasmids for cyanobacteria	izzati@utm.my
077	Muhammad Makky (3) Andalas University, Indonesia	Nondestructive Evaluation of Oil Palm Fresh Fruits Bunch (FFB) Ripeness Using NIR Spectrometer	muhmakky@ae.un and.ac.id
078	Nurhaziqah Supari Universiti Teknologi Malaysia, Malaysia	Molecular characterization of Malaysian rice cultivars, using SSR markers	haziqah328@gmail. com
079	Yustinus Ulung Anggraito Universitas Negeri Semarang (UNNES), Indonesia	Callogenesis of <i>Durio zibethinus</i> with Flower Bud Explant	anggraitoulung27@ gmail.com
080	Kam Kar Yern Universiti Teknologi Malaysia, Malaysia	Antibiotic Resistance Bacteria in Aquaculture Sources in Johor Malaysia	norazimah@utm.m y
081	I Wayan Widia Udayana University, Indonesia	Simple Fresh Fish Transporting Technology for The Mobile Retailers	anomsw@unud.ac.i d wayanwidia@unud. ac.id

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082	Fathie Ahmad Zakil Universiti Malaysia Pahang, Malaysia	Growth and Yield Performance of Pleurotus ostreatus on Various Agro-Industrial Wastes in Malaysia	fathie@ump.edu. my mshafiq@ump.ed u.my ruzinah@ump.ed u.my
083	I Made Mahaputra Wijaya Udayana University, Indonesia	Isolation of High-Potential Alcohol Producing Micro-organism in <i>Lau</i> Using Uv-Visible Spectroscopy	mahaputrawijaya @unud.ac.id
084	Desak Made Wihandani Udayana University, Indonesia	Monocarboxylate Transporter-4 (MCT-4) Expression and Its Association with Clinico- pathological Parameters in Luminal Type Breast Cancer in Sanglah General Hospital, Bali, Indonesia	dmwihandani@u nud.ac.id
085	I Made Sugitha Udayana University, Indonesia	Fish and Seaweed (<i>Eucheuma cotonii</i>) Meatball for Reducing Constipation effect	madesgt@yahoo. com
086	Rindam Latief Hasanuddin University, Indonesia	The Use of Purple Yam Flour (<i>Dioscorea alata</i> L.) as a Substitute Ingredients in Traditional Cake 'Bolu Cukke'	rindamias04@yah oo.com
087	Yohanes Setiyo Udayana University, Indonesia	An Analysis of the Process of Composting Cow Manure with Additional Organic Agricultural Waste	ba_harsojuwono @yahoo.co.id
088	Farhana Adilah Zahari Universiti Tun Hussein Onn, Malaysia	Immobilization of Recombinant Escherichia coli with Selected Nanoparticle (Bio-waste Oil Palm Leaves vs Graphene Oxide) and Entrapment Matrix (Gellan Gum vs Pectin) to Improve Production of Cyclodextrin Glucanotransferase	farhanaadilahz@g mail.com
089	Ni Made Suaniti Udayana University, Indonesia	Study Mass Spectrometry from Virgin Coconut Oil- 'Serai Wangi' (<i>Cymbopogon nardus</i>) By Fermented Using <i>Saccharomyces Cerevisiae</i>	suanitisr@gmail.c om; madesuaniti@un ud.ac.id
090	Sri Wahjuni Udayana University, Indonesia	Extract Ethanol <i>Kelor</i> (<i>Moringa oleifera</i> L) can Reduce Liver Tissue Demage Wistar White Rat Given 30 % Ethanol	sriwahjunimanua ba@gmail.com
091	Shoriya Aruni Abdul Manaf Universiti Tun Hussein Onn, Malaysia	Effect of Crosslinking Method on Immobilized Kluyveromyces lactis Incorporated with Nanomaterial to Improve Xylanase Production	shoriyamanaf@g mail.com
092	Wedagama D.M Mahasaraswati University	Characteristics of Micro Chitosan and Nano Chitosan from Shrimp Shells (<i>Nephropidae</i>) Through FTIR, SEM, and Ball Milling Process	wedagama@doct or.com
093	Tri Ardyanti Universitas Brawijaya, Indonesia	Potency of <i>Lactobacillus pentosus</i> K50 origin of Sumbawa Horse-Milk in Growth Inhibition of Pathogenic Bacteria and Improvement of Feed Fermentation	tri_ardyati@yaho o.com
094	Nita Qonitatillah Universitas Brawijaya, Indonesia	The Exploration of Green Coffee (<i>Coffea arabica</i> and <i>Coffea canephora</i>) as a Source of Natural Antioxidant	dodykpranowo@ ub.ac.id; qonitatillahnita@ yahoo.com
095	Nugrahaningsih W.H Universitas Negeri Semarang (UNNES), Indonesia	Excretion of Cassava (<i>Manihot esculenta</i> Crantz) Leaves Extract After Oral Administration in Rat	nugrahaningsihw h@mail.unnes.ac. id
096	Ni Wayan Sri Sutari Udayana University, Indonesia	Effectiveness of the Use of Several Local Microorganisms in Processing Municipal Organic Waste	srisutaridharma@ yahoo.com
097	Tooba Lateef University of Karachi, Pakistan	Medicinal Plants and their Therapeutic Potential against Hyperlipidemia	t.lateef12@gmail. com

Paper No	Presenter	Title of Abstract	Correspondence E-mail
098	Ida Ayu Rina Pratiwi Pudja Udayana University, Indonesia	Cooling Techniques in Broccoli with Ice Destruction on Top of Vegetables in the Styrofoam Box During the Distribution	rinapratiwipudja @unud.ac.id
099	I Ketut Satriawan Udayana University, Indonesia	The Efficiency and Effectiveness of Production of Wheat Flour in Roll Machines	satriawan@unud. ac.id

List of Invited speakers:

Paper No	Presenter	Title of Abstract	Correspondence E-mail
001	Prof. Fatachiyah Universitas Brawijaya	Nutritional genomics on the bioactive compound of black rice for controlling metabolic disease mechanism	fatchiya@ub.ac.id
002	Assoc. Prof. Dr. Amir Husni Mohd Shariff <i>Universiti Malaysia Sabah</i>	Proximate analyses of water spinach (leaf, petiole and stem) from Lubok Bungor, Jeli, Kelantan.	docjitra56@gmail .com
003	Prof. Nermin Gozukirmizi Istinye University	New Gene Expression Regulators: Long Non-coding RNAs	nermin.gozukirmi zi@istinye.edu.tr
004	Prof. Nyoman Semadi Antara <i>Universitas Udayana</i>	The Role of Lactic Acid Bacteria on the Safety and Quality of Fermented Food	semadi.antara@u nud.ac.id
005	Dr. Azzmer Azzar Abdul Hamid Universiti Islam Antarabangsa Malaysia	The Mechanistic Role of Active Site Residues in Non-Stereo Haloacid Dehalogenase E (DehE)	azzmer@iium.edu .my
006	Assoc. Prof. Dr. Noraziah Mohamad Zin Universiti Kebangsaan Malaysia	Endophytic Streptomyces as Anti-infective Agents: from Isolation to bioactive compounds	noraziah.zin@uk m.edu.my
007	Dr. Yilmaz Kaya Ondokuz Mayis University	Sambucus elus L. Past, present and future	yilmaz.kaya@om u.edu.tr
800	Professor Amin Retnoningsih Universitas Negeri Semarang	The Diversity of Superior Indonesian Durians Based on Molecular Markers	aminretnoningsih 2016@mail.unnes .ac.id
009	Dr. Musyawwir Taiyeb Universitas Negeri Makassar	Proficiency test analysis of a simple electro-dermal activity measurement technique for measuring an emotional task	mtaiyeb333@gm ail.com

Poster Presentations

Paper No	Presenter	Title of Abstract	Correspondence E-mail
001	Sapti Puspitarini Universitas Brawijaya, Indonesia	Exploring of Cheral® potency as an anticancer agent through apoptosis approach	saptii7@gmail.co m
002	Noor Aini Habibah Universitas Negeri Semarang (UNNES), Indonesia	Morphological-Based Diversity Analysis of Durian from Kundur Island, Indonesia	nooraini.habibah @yahoo.com
003	Ahmad Maki Hadi Griffith University, Australia	Isolation And Identification Of 3-Chloropropionic Acid Degrading Bacterium From Oxley Creek	ahmad.hadi@griff ithuni.edu.au
004	Assoc. Prof. Dr Sabrina Sukardi <i>Universiti Putra Malaysia,</i>	Effects Of Cadmium In Seminal Plasma On Sperm Motility In Smoking And Non-Smoking Infertile Males	sabrina@upm.ed u.my

	Malaysia		
005	Noviana Dwi Lestari Universitas Brawijaya, Indonesia	The Role of <i>Moringa oliefera</i> -Albumin Combination as a Traditional Medicine to Control the Development of SDF-1 and TER-119 ⁺ VLA-4 ⁺ in Diabetes Mice Models	novianadwi.lestar i@yahoo.co.id
006	Habeebat Adelekun Oyewusi Universiti Teknologi Malaysia, Malaysia	Metagenomic analysis of unidentified mixed culture from hypersaline environment	habbyfat@gmail. com
007	A. A. S. Alit Sukmaningsih K. Udayana University, Indonesia	The Protective Effect of Java Plum (<i>Syzgium cumini</i>) Fruit Extract on Sperm of Albino Male Rat (<i>Rat norvegicus</i>) exposed to Cigarette Smoke	sukmaningsih@u nud.ac.id
008	Pande Ketut Diah Kencana Udayana University, Indonesia	Effects of oxygen concentration on fresh-cut <i>Tabah</i> bamboo (<i>G. nigrociliata</i> Buese-Kurz) shoots properties stored in ambient temperature	diahkencana@gm ail.com
009	Fazilah Abd Manan Universiti Teknologi Malaysia, Malaysia	Physical and Biochemical Characterization of Nephrolephis biserrata in Cadmium-polluted Soil	m- fazilah@utm.my
010	Ida Bagus Wayan Gunam Udayana University, Indonesia	Chemical Pretreatment of Lignocellulosic Wastes for Cellulase Production by Aspergillus niger FNU 6018	ibwgunam@unud .ac.id
011	I Nyoman Sucipta Udayana University, Indonesia	The Effect of Fermentation Time on the Characteristics of Coco Kefir	sucipta@unu.ac.i d
012	Assoc. Prof. Dr. Rusliza Basir Universiti Putra Malaysia, Malaysia	Enhanced Oral Bioavailability of Acyclovir with Solid Lipid Nanoparticles	rusliza@upm.edu. my
013	Syazwani Itri Amran Universiti Teknologi Malaysia, Malaysia	Utilization of Universal Mitochondrial Genes for Animal Species Authentication in Processed Foods	syazwaniitri@utm .my
014	Ni Nengah Dwi Fatmawati Udayana University, Indonesia	Transepithelial Resistance of different types of Colorectal Cancer Cell Lines, In Vitro Models for Permeability and Barrier Integrity Assay	nnd.fatmawati@ unud.ac.id
015	Nurriza Ab Latif Universiti Teknologi Malaysia, Malaysia	In vitro antimicrobial activity of selected Malaysian plants against Streptococcus mutans	nurriza@utm.my
016	Fifi Fariza binti Azmi Universiti Kebangsaan Malaysia, Malaysia	Canarium odontophyllum (Dabai) leaves extract: Is It a Potential Antimalarial Drug?	farizajung@gmail. com

Paper No	Presenter	Title of Abstract	Correspondence E-mail
017	Austin Bertilova Carmelita Universitas Palangkaraya, Kalimantan Tengah (UPR)	Mercury Concentration in Flesh of Farmed Pangasius hypophthalmus and Wild Pangasius djambal Collected from Kahayan River in Central Kalimantan	austincarmelita74 @gmail.com
018	Vanesa Joy Mapalo University of Santo Tomas, Manila, Philippines	Grassland Ecosystem In Lahar-Areas As Habitat For Slime Molds: Assessment Of Myxomycete Diversity In Mayon, Pinatubo And Taal Volcanoes	mapalo.vane@g mail.com
019	Noorhalieza Ali Universiti Teknologi Malaysia, Malaysia	Growth Preformance And Nutritional Analysis Of Pleurotus Ostreatus Cultivated On Oil Palm Trunk With Rubber Tree Sawdust	halieza@cheme.u tm.my
020	Murdani Abdullah Universitas Indonesia, Indonesia	Establishment of Primary 3D Cell Culture Based on Magnetic Bioprinting for Colorectal Cancer Cells from Patients in Cipto Mangunkusumo National Hospital Indonesia	murdani08@gmai I.com
021	Ida Ayu Mahatma Tuningrat Udayana University, Indonesia	The Institutional Structuring Model of Robusta Coffee Agroindustry System in Bali Using Interpretive Structural Modeling (ISM)	mahatmatuningra t@yahoo.com

022	I Dewa Gede Mayun Permana Udayana University, Indonesia	Optimization of Indigenous Lipase Activities from Extract of Fennel Seeds Sprouts (Foeniculum vulgare Mill)	mayun_dev@yah oo.com
023	Ni Wayan Sri Sutari Udayana University, Indonesia	Various Types of Mol from Organic Kitchen Waste and Households in The City of Denpasar	srisutaridharma@ yahoo.com
024	Shafariatul Akmar Ishak Universiti Kebangsaan Malaysia, Malaysia	Detection of Antimalarial Activity of Zerumbone by Plasmodium Lactate Dehydrogenase (pLDH) assay and SYBR Green 1 Fluorescence Assay of Plasmodium berghei NK65.	salsabella 1960@ yahoo.com
025	Roisu Eny Mudawaroch Muhammadiyah Purworejo University Faculty of Agriculture	Additive effect and fermentation time on the quality of fermented chicken sausage	roisu.eny.m@mai l.ugm.ac.id
026	Komang Ayu Nocianitri Udayana University, Indonesia	Antioxidative Properties of <i>Lactobacillus</i> rhamnosus SKG34 and <i>Lactobacillus</i> rhamnosus FBB42	nocianitri@unud. ac.id
027	Prima Luna Institut Pertanian Bogor, Indonesia	Potential of Indigenous Crop from Indonesia as Functional Foods	primaluna@perta nian.go.id
028	Karar Nadhum Jawad Musafer Universiti Teknologi Malaysia, Malaysia	The Impact of Insulin Resistance on Trace Element and Antioxidant in Patient with Type 2 Diabetes Mellitus.	karar.shahir@hot mail.com
029	Lufti Suhendra Udayana University, Indonesia	Vitamin E and Turmeric-Acid Extract (<i>Curcuma domestica</i> Val- <i>Tamarindus indica</i> L.) to Inhibit the Rate of Damage to Soybean Oil Due to Photooxidation	lutfisuhendra@ho tmail.com
030	G.P. Ganda Putra Udayana University, Indonesia	Characteristics of Cocoa Vinegar from Pulp Liquids Fermentation by Various Methods	gandaputra@unu d.ac.id
031	Uchenna Ezeilo, Universiti Teknologi Malaysia	Optimization Studies on Cellulase and Xylanase Production by Rhizopus oryzae UC2 using Raw Oil Palm Frond Leaves as Substrate under Solid State Fermentation	ucmgbenka@gma il.com
032	Murdani Abdullah, Sofy Meilany, Virology and Cancer Pathobiology Research Center, Faculty of Medicine, Universitas Indonesia	The Role of Probiotics in Lowering Severity of Symptoms in Urban Women with Functional Constipation: A Randomized Double-Blind Controlled Trial	sofy.meilany@ya hoo.com (or) murdani08@gmai l.com
033	Shaheen Shahzad International Islamic University, Islamabad, Pakistan	HUMPONA Gene Polymorphism (rs662, rs854560 and rs7493) with the Risk of Coronary Artery Disease in Pakistani Population.	drshaheen@iiu.e du.pk
034	Yilmaz Kaya, Ondokuz Mayis University, Samsun, Turkey	The Use of Jumping Genes as Molecular Marker in Plant Biotechnology	yilmaz.kaya@om u.edu.tr
035	Mohamed M. Abed University of Anbar, Anbar, Iraq	Fusarium oxysporum f.sp. cucumerinum on cucumber plant under open field conditions	muhammed.abed @uoanbar.edu.iq

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