



SBS INTERNATIONAL POSTGRADUATE CONFERENCE 2022

Date: 11-12th October 2022

Venue: School of Biological Sciences, Universiti Sains Malaysia, Penang

DATE	TIME	EVENT	VENUE
11 October 2022 (Day 1)	8:00 – 8:15 am	Registration and arrival of participants	Foyer
	8:15 – 8:30 am	Arrival of VIPs	
	8:30 – 8:40 am	Welcoming speech by Chairman of SBS IPGC 2022, Dr. Amira Suriaty Yaakop	Conference Room 107
	8:40 – 9:00 am	Opening ceremony & officiation speech by Prof. Dr. Azlan Abdul Aziz, Dean IPS	
	9:00 – 9:30 am	Keynote speech by PROF. DATO' DR. AILEEN TAN SHAU HWAI Moderator: Assoc. Prof. Dr. Wan Fatma Zuharah Wan Musthapa	
	9:30 – 10:00 am	Keynote speech by DR. NADINE RUPPERT Moderator: Assoc. Prof. Dr. Wan Fatma Zuharah Wan Musthapa	
	10:00 – 10:10 am	Photography session	
	10:10 – 10:20 am	Tea break	Foyer

		Physical oral presentation		
		Session 1 Conference Room 107 (Biodiversity and Natural Resources) Chairperson: Assoc. Prof. Dr. Darlina Md. Naim Panel: 1. Dr. Hadura Abu Hasan 2. Dr. Farah Alia Nordin	Session 2 Room 101 (Biodiversity and Natural Resources & Crop Management) Chairperson: Dr. Shuhaida Shuib Panel: 1. Dr. Hasber Salim 2. Dr. Mohamad Fadhli Mad' Atari	
	10:20 – 10:40 am	The influence of tidal on saltwater intrusion in Sungai Semerak, Kelantan Muhammad Fikri Samsudin	Comparative study of the herpetofauna between pristine and anthropogenically-modified habitats at Cameron Highlands, Fraser's Hill and Genting Highlands Hong Zijia	
	10:40 – 11:00 am	Effects of 2,4-Dichlorophenoxyacetic acid, kinetin and sucrose on callus induction from cotyledon explants of butterfly pea (<i>Clitoria ternatea</i>) Teoh Siew Chin	Morphological characteristics of <i>Taenia</i> sp. found in the wild rodent from Penang Island, Malaysia Aoha Yamamoto	
	11:00 – 11:20 am	The incorporation of vermicast solution in the regeneration of <i>in vitro</i> explants of <i>Ficus carica</i> cv. Japanese BTM 6 Lee Yong Jun	The systematics and biogeography of the <i>Linmonectes hascheanus-limborgi</i> complex in Peninsular Malaysia Zou Bei	

	11:20 – 11:40 am	Induction and proliferation of callus from cotyledon explant of <i>Clitoria ternatea</i> Tengku Nurul Amira Aqma Tengku Zakaria	Occurrence of sooty blotch and flyspeck disease on mango in Malaysia Tham Khai Xin	
	11:40 – 12:00 pm	Diversity assessment on the limestone orchids of Northern Peninsular Malaysia Shahrul Nizam Abu Bakar	Morphological and molecular identification of fungi associated with crown rot of banana (<i>Musa paradisiaca</i>) in Peninsular Malaysia Aisha Mohammed Inuwa	
	12:00 – 12:20 pm	Optimization of asymbiotic seed germination, callus induction and proliferation in Tongkat Ali (<i>Eurycoma longifolia</i> Jack.) Sani Saleh	Pathogenicity of <i>Ganoderma boninense</i> on mineral and peat soils Ike Virdiana	
	12:20 – 12:40 pm	Prevalance of gastrointestinal parasites from wild rodents in Penang, Malaysia Putri Wulan		
	12:40 – 2:20 pm	Lunch break		Foyer
		Virtual oral presentation		Room 101
	Session 3 Chairperson: Dr. Foong Swee Yeok Panel: 1. Dr. Hazzeman Haris 2. Dr. Yazmin Bustami			

	2:20 – 2:40 pm	<i>In vitro</i> analysis of <i>Sphingobacterium</i> sp. lipase with LEA K peptide as co-expression Ibrahim Muhammad	
	2:40 – 3:00 pm	<i>In silico</i> analysis of T and B-cells epitopes: candidate for universal dengue vaccine Dhaniah Mohamad	
	3:00 – 3:20 pm	The decomposition and succession pattern of forensically important flies associated with organophosphate-intoxicated rat carcasses Marlini Othman	
	3:20 – 3:40 pm	Analysis of biodiversity in the Orangutan habitat in Rawa Singkil Wildlife Reserve, Aceh Singkil, Indonesia Subhan	
	3:40 – 4:00 pm	Evaluation of antibacterial and antifungal activity of methanolic and ethanolic extracts of three varieties of <i>Nerium oleander</i> flowers Ayman Dardona	
	4:00 – 4:20 pm	Unveiling the origin of <i>Cryptocoryne</i> <i>×jambiensis</i> Bastmeijer, a newly described plant using molecular markers Nurul Shakinah Mohd Talkah	
	4:20 - 4:40 pm	Environmental friendly technique for removal of phenol from aqueous solution via titanium nanoparticle Muhammad Farhan Hanafi	
	4:40 – 5:00 pm	Tea break	Foyer

12 October 2022 (Day 2)	8:30 – 9:00 am	Breakfast		Foyer	
	9:00 – 9:30 am	Keynote speech by ASSOC. PROF. TS. DR. VIGNESWARI SEVAKUMARAN Moderator: Assoc. Prof. Dr. Rashidah Abdul Rahim		Conference Room 107	
	9:30 – 10:00 am	Keynote speech by DR. GBENGA FESTUS AKOMOLAFE Moderator: Assoc. Prof. Dr. Rashidah Abdul Rahim			
	10:00 – 10:20 am	Tea break		Foyer	
		Physical oral presentation			
		<div>Session 4 Conference room 107 (Microbial Biotechnology) Chairperson: Dr. Kamarul Zaman Zarkasi Panel: 1. Assoc. Prof. Dr. Amir Hamzah Ahmad Ghazali 2. Dr. Nur Asshifa Md Noh</div>	<div>Session 5 Room 101 (Environment and Conservation & Entomology and Ecology) Chairperson: Dr. Nik Ahmad Irwan Izzauddin Nik Him Panel: 1. Assoc. Prof. Dr. Suhaila Ab. Hamid 2. Dr. Faradina Merican Mohd Sidik Merican</div>		
10:20 – 10:40 am	<div>RAP1B and PAK6 as potential targets to co-inhibit with anti-apoptotic protein MCL-1 for nasopharyngeal carcinoma (NPC) therapy Teh Jia Lin</div>	<div>Insecticide resistance status in Kedah and Penang populations of the mosquito <i>Culex tritaeniorhynchus</i> Shitta Kefas Babale</div>			

	10:40 – 11:00 am	Microbial community diversity associated with wild and captive tropical barn owl Mohd Hasif Ahmad Kamal	Genetic diversity and phylogenetic relationship of bed bugs infestation in Iraq Hussein Ali Baqir	
	11:00 – 11:20 am	Co-expression of protease from <i>Bacillus toyonensis</i> with Late Embryogenesis Abundant (LEA)-like peptides Nurul Ain Syukriyah Ahmad Muhamud	Behavioral responses of <i>Cimex hemipterus</i> (Hemiptera: Cimicidae) to colored harborage Abd Hafis Abd Rahim	
	11:20 – 11:40 am	Identification of hydrocarbon degrading bacteria from marine seawater Anis Fathima Abdul Kareem	Oviposition preferences of house fly, <i>Musca domestica</i> towards substrate treated by black soldier fly larvae, <i>Hermetia illucens</i> Mohamad Ibrahim Mohamad Isa	
	11:40 – 12:00 pm	Integration of microbial fuel cell (MFC) in secondary school: A needs analysis report Siti Rohana bt Man	Differential studies of zinc oxide (ZnO) nanoparticles toxicity toward different mosquito species Hsieh Ting Chuan	
	12:00 – 12:20 pm	Biosynthesis of terpolymer P(3HB-co-3HV-co-4HB) using glycerine pitch as sole carbon source Musa Ibn Abbas	Effects of beneficial bacteria in arsenic detoxification and its hyperaccumulation by <i>Pteris vittata</i> in contaminated soils Aminu Salisu Muazu	
	12:20 – 12:40 pm		Potential of ground cover plant as arbuscular mycorrhizal fungi (AMF) trap plant and efficacy of propagated AMF inoculums on growth of okra (<i>Abelmoschus esculentus</i> L.). Nurul Aziera Hassan	

	12.40 – 2:20 pm	Lunch break	Foyer
		Virtual oral presentation	Room 101
		Session 6 Chairperson: Dr. Hasnuri Mat Hassan Panel: 1. Dr. Intan Haslina Ishak 2. Dr. Azma Hanim Ismail	
	2:20 – 2:40 pm	Potential leguminous cover crop, <i>Vigna marina</i>, on different soil condition for soil improvement and crop productivity Ahmad Talha Mohamad Yunus	
	2:40 – 3:00 pm	Characterisation and pathogenicity of fungi associated with grey and brown blight diseases of tea (<i>Camellia sinensis</i>) in Malaysia Saleh Ahmed Shahriar	
	3:00 – 3:20 pm	Continuous cropping of black morels manipulate microbial composition and co-occurring patterns of the soil microbiome Zhang Yan	
	3:20 – 3:40 pm	Seasonal assessment of pupal productivity of malaria vector, <i>Anopheles gambiae</i> s.l. as influenced by physico-chemical conditions at selected breeding habitats in Niger, Nigeria Shehu Ibrahim Kura	
	3:40 – 4:00 pm	Mitigation opportunities to reduce the impact of artificial smooth surfaces on bats Nor Amira Abdul Rahman	

	4.00 – 4.20 pm	Genetic diversity of <i>Blastocystis</i> sp. in captive wild birds in Malaysia Sanggari Anamalai	
	4.20 – 4.40 pm	Tea break	Foyer
	4.40 – 4.50 pm	Lucky draw	Conference Room 107
	4.50 – 5.00 pm	Closing ceremony	