



The 3rd International Conference on
Science Technology & Innovation (3rd ICSTI) - Maejo University 2023

August 11, 2023

Chulahorn Building, Faculty of Science, Maejo University, Chiang Mai, Thailand

Time	Schedules	
8.00	Registration	
8.30-9.00	Opening Ceremony Room 3100	
9.15-10.00	Keynote Speaker: Professor Dr.Dankmar Böhning, University of Southampton, United Kingdom <i>Title "Capture-recapture methods with applications in health and society"</i> Room 3100	
10.00-10.45	Invited Speaker: Associate Professor Dr.Kittipong Chainok, Faculty of Science and Technology, Thammasat University, Thailand <i>Title: "Metal-Organic Framework Based Adsorbents for CO₂ Capture: Crystallography and Crystal Chemistry"</i> Room 3100	
10.45-11.00	Morning Break	
	Session 3: Biological Science & Environment	
		Oral Presentation-Online (Room ห้องประชุม 2)
		Chairman: Associate Professor Dr. Wasin Chareerntanakul
		Co-Chairman: 1) Associate Professor Dr. Mongkol Thirabunyanon 2) Assistant Professor Dr. Panwad Sillapawattana



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11.00-11.15	-	<p>ABRL166011</p> <p>Title: Generation of Doxycycline (Dox)-Inducible CD147 Knockout Cassette for In Vitro Cancer Models</p> <p>Presenter: Mr. Kumpanat Pomlok</p> <p>Department of Biology, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand</p>
11.15-11.30	-	<p>ABRL166012</p> <p>Title: Exploration and Preliminary Antimicrobial Profiling of <i>Streptomyces</i> Strains Isolated from Forest Soil</p> <p>Presenter: Mr. Phongsakorn Ganta</p> <p>School of Preclinical Sciences, Institute of Science, Suranaree University of Technology, Nakhon Ratchasima, Thailand</p>
11.30-11.45	<p>Poster Presentation-online (Room 3201)</p>	<p>ABRL166023</p> <p>Title: Variation of Volatile organic compounds (VOCs) and Secondary Organic Aerosol Potential (SOAP) during Haze Period in Urban Area, Thailand</p> <p>Presenter: Ms.Nitchakarn Changplaiy</p> <p>Department of Environmental Science, Faculty of Environment, Kasetsart University, Bangkok, Thailand</p>
	<p>ABPL266007</p> <p>Title: Erectogenic Effects of Extracts from <i>Mucuna pruriens</i> and <i>Eurycoma longifolia</i> Jack in Obesity-Induced Rats</p> <p>Presenter: Ms.Panumat Piosinsak</p> <p>Department of Biology, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand</p>	



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11.45-12.00	<p>ABRL166024</p> <p>Title: The Potential Estimation of Secondary Pollutants Formation of BVOC from <i>Peltophorum pterocarpum</i> in Urban Area</p> <p>Presenter: Ms.Suteekan Maneejantra</p> <p>Department of Environmental Science, Faculty of Environment, Kasetsart University, Bangkok, Thailand</p>	
12.00-13.00	Lunch (Room 3210)	
13.00-13.45	<p>Keynote Speaker: Prof. Dr. Oliver Weichold (online)</p> <p>Institut für Baustofforschung, Lehr- und Forschungsgebiet Strukturelle Polymerkomposite im Bauwesen und Institut für Baustofforschung, Germany</p> <p>Title “The potential of keratin as renewable resource”</p> <p>Room 3100</p>	
13.45-14.15	<p>Invited Speaker: Dr.Pornchai Kaewsapsak</p> <p>Department of Biochemistry, Faculty of Medicine, Chulalongkorn University, Thailand</p> <p>Title: “Unraveling genome and transcriptome through long-read Nanopore sequencing technology”</p> <p>Room 3105</p>	
	Poster Presentation-onsite Room 3201	Oral Presentation-Onsite Room 3105
14.15-14.30	<p>ABPS266004</p> <p>Title: Brazilin-Enriched Fraction from <i>Caesalpinia sappan</i> L. Heartwood exhibited a Promising Anti-Malarial Activity Against <i>Plasmodium falciparum</i> in vitro</p> <p>Presenter: Mr.mattapong kulaphisit</p> <p>Department of Biology, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand</p>	<p>ABRS166001</p> <p>Title: A New Tomato Organic Seed Coating Agent on Physical Characteristics and Seed Quality of Lettuce (<i>Lactuca sativa</i>)</p> <p>Presenter: Ms.Nararat Thawong</p> <p>Division of Agronomy, Faculty of Agricultural Production, Maejo University, Chiang Mai, Thailand</p>



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14.30-14.45	<p>ABPS266011</p> <p>Title: Potassium chlorate degradation by microbial bioformulations</p> <p>Presenter: Asst. Prof.Srikanjana Klayraung</p> <p>Division of Biotechnology, Faculty of Science, Maejo University, Chiang Mai, Thailand</p>	<p>ABRS166015</p> <p>Title: Assessment of Spatial and Temporal Patterns of Carbon Monoxide Concentration during the 2023 Burning Period in Northern Thailand Using Google Earth Engine</p> <p>Presenter: Mr. Worawit Suppawimut</p> <p>Asian Air Quality Operations Center by Space Technology, Geo-informatics and Environmental Engineering, Chiang Mai Rajabhat University, Chiang Mai, Thailand</p>
14.45-15.00	<p>ABPS266017</p> <p>Title: The Study on Calamondin Genetic Diversity and Chemical Composition: Wan-Yao Sub-District Biological Resource Development Community Enterprise, Chanthaburi Province</p> <p>Presenter: Dr. Nitchamon Thamaragsa</p> <p>Science and Technology Academic Service Center, Faculty of Science, Maejo University, Chiang Mai, Thailand</p>	<p>ABRS166021</p> <p>Title: Anti-genotoxicity assessment of mushroom crude extract via cytokinesis-block micronucleus assay in Chinese hamster lung fibroblast</p> <p>Presenter: Ms. Pennapa Takam</p> <p>Program in Biotechnology, Faculty of Science, Maejo University, Chiang Mai, Thailand</p>
	<p>Oral Presentation-Online</p> <p>Room 3105</p>	
15.00-15.15	<p>ABRL166005</p> <p>Title: Development of Crispr-Cas12a Based Assay for The Detection of SARS-CoV-2 NSP2</p> <p>Presenter: Mr.Nopporn Naewwan</p> <p>Translational Medicine Program, Institute of Medicine, Suranaree University of Technology, Nakhon Ratchasima, Thailand</p>	
15.15-15.30	<p>ABRL166006</p> <p>Title: Glucose transporter isoforms in human cholangiocyte H69 and hepatocellular carcinoma HepG2 cell lines</p> <p>Presenter: Ms.Sandy Kha</p> <p>Department of Tropical Medicine, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand</p>	



Time	Schedules
15.30-15.45	<p>ABRL166007</p> <p>Title: Study of <i>in vitro</i> static digestion of pigeon pea protein isolated and hydrolysate: Caco-2 cell cytotoxicity and digested products analysis</p> <p>Presenter: Dr. Waraporn Sorndeck</p> <p>Expert Center of Innovative Health Food, Thailand Institute of Scientific and Technological Research, Pathum Thani, Thailand</p>
15.45-16.00	<p>ABRL166025</p> <p>Title: Investigation of Suspended Atmospheric Microplastics during the Dry Period in Urban Area Bangkok, Thailand</p> <p>Presenter: Mr.Apsit Kanin</p> <p>Department of Environmental Science, Faculty of Environment, Kasetsart University, Bangkok, Thailand</p>
16.00-16.15	<p>ABRL166026</p> <p>Title: Hygroscopic properties and carbonaceous components of fine particulate matter in Ratchaburi province, Thailand</p> <p>Presenter: Ms.chuenkamon sutta</p> <p>Department of Environmental Science, Faculty of Environment, Kasetsart University, Bangkok, 10900, Thailand</p>
16.15-16.30	<p>ABRL166029</p> <p>Title: Effects of Light Intensity changes on Biogenic Volatile Organic Compounds (BVOCs) Emission from Plant</p> <p>Presenter: Ms.Waraporn Chommon</p> <p>Department of Environmental Science, Faculty of Environment, Kasetsart University, Bangkok, Thailand</p>
16.30-16.45	<p>ABRL166030</p> <p>Title: Comparison of meteorological factors affecting the formation of yellow dust in urban area, Thailand</p> <p>Presenter: Ms.Thiwara Konggoennok</p> <p>Department of Environmental Science, Faculty of Environment, Kasetsart University, Bangkok, Thailand</p>
Closing Session 3	