

2024 International Society on Biocatalysis and Agricultural Biotechnology Taiwan Annual Symposium

December 18, 2024

International conference hall, 10F, Agricultural & Environmental Science Building, NCHU

Time	Programs		
08:30-09:00	Registration		
09:00-09:20	Opening Ceremony		
09:20-09:25	Refreshments and Group Photo Taking		
09:25-10:10	Keynote Speech : Tuan-Hua David Ho / Academician (Academia Sinica) Topic : Microbial Lignocellulolytic Enzymes for Processing Agricultural Wastes to Fermentable sugars Chair : Shyi-Dong Yeh Academician (NCHU/ Academia Sinica)		
10:10-10:30	Refreshments		
10:30-12:00	Sec I : Agricultural Biotechnology Chair : Chuan-Mu Chen / Vice President (NCHU) Speaker : (1) Chun-Hung Lin / Research Fellow (Academia Sinica) Topic : Structural Insight into Catalytic Mechanism of the Bifunctional Enzyme L-Fucokinase/GDP-Fucose Pyrophosphorylase (2) Shih-Feng Fu / Chair (NCUE) Topic : Plant Growth-Promoting Properties Of The Phosphate-Solubilizing Red Yeast <i>Rhodospiridium Paludigenum</i> (3) Hsin-Hung Yeh / Deputy Director (Academia Sinica) Topic : Exploring Salicylic Acid (SA)-Mediated Plant Immunity: Empowering Sustainable Crop Protection (4) Shih-Shun Lin / Professor (NTU) Topic : The Impact of AGO1 Autonomy on RNA Silencing Regulation	Oral Presentation Place: AESB 10F / 10B05 Room	Poster presentation
		Time : 10:30-12:15 OD01 : Yi-Ching Chiu OD02 : Jou-Ching Lin OD03 : Prakriti Regmi OD04 : Ying-Chen Chen OD05 : Ace Bryan Sotelo Cabal OD06 : Indah Permata Sari OD07 : Watchalawalee Boonmee OD08 : Chih-Chi Liao	
12:00-13:30	Lunch / Annual Meeting Board of International Society on Biocatalysis and Agricultural Biotechnology-Taiwan Chapter Meeting		
13:30-14:50	Sec II : Biocatalysis and Applied Biotechnology Chair : Chang-Hsien Yang / Academician (NCHU / Academia Sinica) Speaker : (1) Chieh-Chen Huang / Dean (NCHU) Topic : Biostimulants For Resilience Of Agriculture: Endophytic PQQ And Cyclic Dipeptides As Examples (2) Tsung-Chi Chen / Professor (ASIA) Topic : Development Of Cross-Protection Measures To Protect Tomato Crops From Viruses (3) Yung-I Lee / Associate Professor (NTU) Topic : Dynamics Of Cell Wall Remodeling In <i>Gastrodia Elata</i> Symbiotic Culture With Armillaria (4) Tao-Ho Chang / Assistant Professor (NCHU) Topic : Development and Optimisation of a CRISPR-Cpf1 System for Efficient Genome Editing in <i>Fusarium oxysporum</i>	Oral Presentation Place : AESB 10F / 10B05 Room	Oral Presentation Place : AESB 7F / 7D09 Room
		Time : 13:00-15 : 30	

14:50-15:10	Refreshments
15:10-16:30	<p>Sec III : Functional Foods and Nutraceuticals Chair : Lie-Fen Shyur / Distinguished Research Fellow (Academia Sinica) Speaker :</p> <p>(1) Sheng-Yang Wang / Dean (NCHU) Topic : Bridging Traditional Chinese Medicine and Modern Science—Exploring the Role of Natural Compounds in Metabolic Health</p> <p>(2) En-Pei Chiang Chair (NCHU) Topic : Precision Nutrition and One-Carbon Metabolism: Unveiling Genetic and Dietary Influences on Metabolic Homeostasis</p> <p>(3) Lin, Jer-An / Assistant Professor (NCHU) Topic : Phenolic Composition of Different Parts of <i>Psidium Guajava</i> L. cv. ‘Yilan Red’ Fruits Harvested in Summer and Winter and Their Anti-Aging Effects</p> <p>(4) Yen-Po Chen / Assistant Professor (NCHU) Topic : Selecting Potential Probiotic Strains from MilkProducts</p>
16:30-17:00	<p>Award & Closing Ceremony Place: AESB 10F International conference hall</p>