

國立嘉義大學 函

擬辦：呈閱後電子郵件轉知系上教師
二、公告即告相關人員知照。

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受文者：國立中興大學食品暨應用生物科技學系

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主旨：本校舉辦「2025年生物技術、智慧農業與食品安全創業國際研討會2nd International Conference on Biotechnology, Smart Farming and Entrepreneurship for Food Security(BioSFE2025)」，敬邀貴屬師生同仁踴躍參與，請查照轉知。

說明：

一、旨揭研討會資訊：

(一)日期：114年10月30日(星期四)至11月1日(星期六)。

(二)地點：第1日及第2日於本校蘭潭校區國際交流學園國際會議廳、第3日參訪嘉義縣大埔美園區。

二、研討會活動及徵求海報發表採線上報名，詳情請至官網(<https://sites.google.com/view/biosfe2025>)查詢，報名期限自即日起至114年10月3日(星期五)。

三、隨函檢附海報文宣及議程電子檔各1份。

正本：國立臺灣海洋大學食品科學系、國立臺灣大學生物機電工程學系、國立臺灣大學生化科技學系、臺北醫學大學食品安全學系、國立陽明交通大學生物科技學系、國立中興大學農業暨自然資源學院、國立中興大學生物產業機電工程學系、國立中興大學食品暨應用生物科技學系、國立成功大學生物科技與產業科學系、國立臺南大學生物科技學系、國立高雄師範大學生物科技系、國立高雄科技大學水產食品科學系、國立屏東科技大學食品科學系、國立屏東科技大學



生物機電工程系、國立屏東科技大學熱帶農業暨國際合作系、國立澎湖科技大學食品科學系、國立金門大學食品科學系、國立東華大學生化暨分子醫學科學系、國立宜蘭大學生物技術與動物科學系、國立宜蘭大學食品科學系、國立宜蘭大學生物機電工程學系、高雄醫學大學生物科技學系、南華大學自然生物科技學系、長榮大學生物科技學系、東海大學食品科學系、亞洲大學食品營養與保健生技學系、中國醫藥大學生物科技學系、中原大學生物科技學系、靜宜大學食品營養學系、銘傳大學生物科技學系、輔仁大學食品科學系、義守大學醫學科學與生物科技學系、慈濟大學分子生物暨人類遺傳學系、本校食品科學系、農業生物科技學系、生物機電工程學系、水生生物科學系、微生物免疫與生物藥學系、生化科技學系、生物資源學系、農藝學系

副本：本校生命科學院

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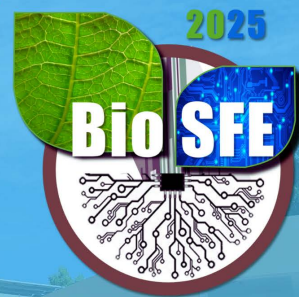
2ND INTERNATIONAL CONFERENCE ON BIOTECHNOLOGY, SMART FARMING AND ENTREPRENEURSHIP FOR FOOD SECURITY



International Conference Hall
Lantan Campus,
National Chiayi University
Taiwan



30 Oct- 2025
01 Nov



Website
QRCode



2025年生物技術、智慧農業
與食品安全創業國際研討會

嘉義大學蘭潭校區國際會議廳
114年10月30日-11月1日

KEYNOTE SPEAKERS



Ching-Kuan Lin

President & CEO

Challenge
Bioproducts Co., Ltd.



Prof. Jason Yi-Bing Lin

Lifetime Chair Professor

National Yang Ming Chiao
Tung University Taiwan



Prof. Dr. Firdaus Abdullah

Rector

Universiti Teknologi MARA
Sarawak Branch Malaysia

Organizers



UNIVERSITI
TEKNOLOGI
MARA



台灣生物科技暨健康產業協會
TAIWAN BIOTECH & HEALTH INDUSTRIAL ASSOCIATION

Supervisor



國家科學及技術委員會補助
生命科學研究推動中心
Life Sciences Research Promotion Center (LSRPC)



國立嘉義大學
精準健康產業跨領域
人才培育計畫



TGEIA

Taiwan Green extraction Industry Alliance
for Plant-Derived Natural Products
台灣機能性作物綠色萃取產業鏈平台



2nd International Conference on Biotechnology, Smart Farming and Entrepreneurship for Food Security (BioSFE 2025)

October 30 (Thursday) ~ November 1 (Saturday), 2025

International Conference Hall, International Networking Academy, Lantan Campus,
National Chiayi University

Conference Day 1	
October 30, 2025 (Thursday)	
Time	Activity
08:20 - 08:50	Registration
08:50 - 09:30	Opening Ceremony Ceremonial Signing of the MoA Between UiTM and NCYU Group Picture Prof. Han-Chien Lin, President (林翰謙 校長) Prof. Ruey-Shyang Chen, Vice-President (陳瑞祥 副校長) (National Chiayi University, Chiayi City, Taiwan) Prof. Dr. Firdaus Abdullah, Rector (分校校長) (Universiti Teknologi MARA, Sarawak, Malaysia)
09:30 - 10:20	Keynote 1: Innovative strategies in bioprocessing for sustainable food security and safety Ching-Kuan Lin, President & CEO (林景寬 董事長) (Challenge Bioproducts Co., Ltd., Yunlin County, Taiwan)
10:20 - 10:40	Tea Break
10:40 - 11:30	Keynote 2: AgriTalk – Smart farming based on AI and IoT Lifetime Chair Prof. Jason Yi-Bing Lin (林一平 教授) (Department of Computer Science, National Yang Ming Chiao Tung University, Hsinchu City, Taiwan)
11:30 - 12:20	Keynote 3: Smart farming supply chain – Innovations in logistics and sustainable economic impact (Tentative Title) Prof. Dr. Firdaus Abdullah, Rector (分校校長) (Universiti Teknologi MARA, Sarawak, Malaysia)
12:20 - 13:50	Lunch, Prayer Break
13:50 - 14:30	Invited Lecture 1: Entrepreneurship and market strategies in smart farming – Driving sustainable food security (On line; Tentative Title) Prof. Dr. Abang Zainoren bin Abang Abdurahman (教授) (Universiti Teknologi MARA, Sarawak, Malaysia)
14:30 - 15:10	Invited Lecture 2: Technologies promoting perishable exports – Special reference to safe pre- and post-harvest handling Dr. Pathirajage Neville Rohitha Jayashantha Amunugoda, Director (主任) (Food Technology Section, Industrial Technology Institute, Malabe, Sri Lanka)
15:10 - 15:30	Tea Break



15:30 - 16:10	Invited Lecture 3: pH-responsive nanoparticle carriers for the encapsulation of phycocyanin and their application in health food products Prof. Cheng-I Lee (李政怡 教授) (Department of Biomedical Sciences, National Chung Cheng University, Chiayi County, Taiwan)
16:10 - 16:50	Invited Lecture 4: Food security issues in Asia Prof. Dr. Paul Teng, Senior Consultant/Food Security Adviser (資深顧問/食品安全顧問) (National Institute of Education International Pte. Ltd./Centre for Non-Traditional Security Studies, Nanyang Technological University, Singapore)
16:50 - 17:30	Invited Lecture 5: Recipes for bright eyesight – Research and application of Chinese medicine in ocular diseases Prof. Shun-Ping Huang (黃舜平 教授) (Department of Biochemical Science and Technology, National Chiayi University, Chiayi City, Taiwan)

Conference Day 2	
October 31, 2025 (Friday)	
Time	Activity
09:00 - 09:40	Invited Lecture 6: Biotechnology of bee products – Innovative applications for smart farming and sustainable food security (Tentative Title) Prof. Peng Chi-Chung, Dean (彭及忠 院長) (College of Liberal Arts and Sciences, National Formosa University, Yunlin County, Taiwan)
09:40 - 10:20	Invited Lecture 7: The revival of probiotic drink and functional food for healthy ageing society Assoc. Prof. Dr. Nitnipa Soontorngun (副教授) (School of Bioresources and Technology, King Mongkut's University of Technology, Bangkok, Thailand)
10:20 - 10:40	Tea Break
10:40 - 11:20	Invited Lecture 8: Harnessing tempeh-based fermentation for sustainable meat alternatives (Tentative Title) Assoc. Prof. Dr. Rachma Wikandari (副教授) (Department of Food and Agriculture Products Technology, Gadjah Mada University, Yogyakarta, Indonesia)
11:20 - 12:20	Taiwan Functional Plant Innovation and Green Extraction Applications: Industry-Academia Results Showcase at BioSFE2025 Prof. Cheng-Nan Chen (陳政男 教授) (Department of Biochemical Science and Technology, National Chiayi University, Chiayi City, Taiwan)
12:20 - 13:50	Lunch and Prayer Break
13:50 - 14:40	Poster Presentation



Smart Agriculture Forum	
14:40 - 15:00	Special Topic 1: Transforming waste to wealth: Collaborative research on BSFL and functional feed in Sarawak's poultry sector Dr. Ang Chung Huap, Senior Lecturer (洪鐘合 高級講師) (Universiti Teknologi MARA, Sarawak, Malaysia)
15:00 - 15:10	Spotlight 1: Harnessing bamboo biomass: from phytonutrient extraction to enhanced bio-composting via microbial cellulase Assoc. Prof. Dr. Vivien Jong Yi Mian (副教授) (Universiti Teknologi MARA, Sarawak, Malaysia)
15:10 - 15:20	Spotlight 2: Sustainable agricultural value-added proofing – Application of extrusion technology Prof. Jenshinn Lin (林貞信 特聘教授) (Department of Food Science, National Pingtung University of Science and Technology, Pingtung County, Taiwan)
15:20 - 15:40	Discussion Dr. Ang Chung Huap, Senior Lecturer (高級講師) Assoc. Prof. Dr. Vivien Jong Yi Mian (副教授) Prof. Jenshinn Lin (林貞信 特聘教授)
15:40 - 16:00	Tea Break
Biotechnology Forum	
16:00 - 16:20	Special Topic 2: Inhalation of polysaccharides for protection against lung infection – in vitro evidences Dr. Prakash Ekambaranellor, Associate Vice President (副代表) (Guidance Tamil Nadu, India/Taiwan)
16:20 - 16:40	Special Topic 3: Cordyceps cicadae development from traditional medicine to precision medicine Dr. Chin-Chu Chen, General Manager (陳勁初 總經理) (Grape King Bio Ltd., Taoyuan City, Taiwan)
16:40 - 16:50	Spotlight 3: Applications of biological control in smart farming – Enhancing crop health and food security (Tentative Title) Prof. Chaur-Tsuen Lo (羅朝村 教授) (College of Liberal Arts and Sciences, National Formosa University, Yunlin County, Taiwan)
16:50 - 17:10	Discussion Dr. Prakash Ekambaranellor, Associate Vice President (副總經理) Dr. Chin-Chu Chen, General Manager (陳勁初 總經理) Prof. Chaur-Tsuen Lo (羅朝村 教授)
17:10 - 17:40	Closing Ceremony

Conference Day 3	
November 1, 2025 (Saturday)	
Time	Activity
9:00 - 17:00	On-site visits to the Dapumei Precision Machinery Park – Guided by Chiayi County Government (optional)