

Congratulations to all winners!!!

ABRC 22nd Annual Poster Competition 2021 Outstanding Presentation Award Winners

(based on the evaluation of ABRC lab members)

Integrative Plant Stress Biology (iPSB)

Pei-Shan Chien (簡佩珊)

TWAS integrated by eQTL analysis reveals the genetic connection between gene expression and flowering-time phenotype in *Arabidopsis*

Pei-Shan Chien¹, Pin-Hua Chen¹, Su-Fen Chiang¹, Cheng-Ruei Lee^{2}, Tzyy-Jen Chiou^{1*}*

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² Institute of Ecology and Evolutionary Biology, National Taiwan University, Taipei, Taiwan

Kuen-Jin Tsai (蔡昆縉)

The hypoxia response protein HRM1 modulates the mitochondrial electron transport chain in *Arabidopsis* under low oxygen stress

*Kuen-Jin Tsai and Ming-Che Shih**

Agricultural Biotechnology Research Center, Academia Sinica, Taipei, 11529, Taiwan

Yuh Tzean (曾昱)

Elucidating banana resistance to *Fusarium oxysporum* f. sp. *ubense* tropical race 4

*Yuh Tzean¹, Bo-Han Hou¹, Shu-Ming Tsao¹, Ho-Ming Chen¹, Ming-Chi Lee¹, Sabnam Rai², Wei-Chiang Shen²,
Tsun-Chi Chen¹, Hsin-Hung Yeh^{1,2,3*}*

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Hsin-Fang Chang (張馨方)

Physiological and Molecular Response of *Arabidopsis thaliana* to Thallium Exposure

Hsin-Fang Chang¹ and Kuo-Chen Yeh^{1,}*

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Nai-Yu Liu (劉乃瑜)

Protein quantification by LC-MS: differential expression of duplicate proteins in response to heat

*Nai-Yu Liu, Meng-Ju Hong, Yee-Yung Charng**

Agricultural Biotechnology Research Center, Academia Sinica, Taipei, Taiwan, 115

Herbal Medicine Research (HMR) or Molecular Vaccine Technology (mVT) or Enzyme Biotechnology

Bo-Wei Wang (王博緯)

Suppression effect of phytotoxin fusaric acid by α -pyrone derivatives

Bo-Wei Wang^{1,2,3,4}, Yu-Liang Yang^{1,2,3,}, Chih-Chuang Liaw^{1,4,*}*

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⁴ Department of Marine Biotechnology and Resources, National Sun Yat-sen University, Kaohsiung, Taiwan, 700

Po-Wen Tu (涂博文)

Microbial Community Guided Approach for Developing Biological Control Agents of Banana Fusarium Wilt

Po-Wen Tu^{1,2,#}, Ching-Chih Lin^{1,2,#}, Wei-Chen Hsu^{1,2}, Chih Lin¹, Han-Tan Cheng¹, Ying-Ning Ho³, Yu-Liang Yang^{1,2,}*

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³ Institute of Marine Biology, National Taiwan Ocean University, Keelung, Taiwan, 202

Tzung-Yan Chen (陳宗彥)

Targeting on PDIA4 is a Promising Two-pronged Approach to Treating Lung Cancer and other cancers

Tzung-Yan Chen^{1,2#}, Chun-Yen Yang^{1#}, Tien-Fen Kuo¹, Wen-Chin Yang^{1,2}*

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² Institute of Biotechnology, National Taiwan University, Taiwan

Li-Ting Ma (馬莉婷)

The modular co-expression system for bacterial conjugated polyynes production in *Escherichia coli*
Li-Ting Ma^{1,2}, You-Huei Huang^{1,2}, Yu-Chieh Chen^{1,2}, Sin Yong Hoo^{1,2}, Ching-Chih Lin^{1,2} and Yu-Liang Yang^{1,2,}*

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Wei-Chen Hsu (許瑋真)

Research and development of dietary supplements for improving the quality and production of royal jelly

Shang-Tse Ho¹, Wei-Chen Hsu², Ming-Cheng Wu³, Yue-Wen Chen⁴, Yu-Liang Yang²

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