

Congratulations to all winners!!!

ABRC 24th Annual Poster Competition 2023 Outstanding Presentation Award Winners

(based on the evaluation of ABRC lab members)

Integrative Plant Stress Biology (iPSB)

Suma Mitra (米舒瑪)

HSP101 prevents proteasome-mediated rapid degradation of HSA32 to maintain heat acclimation memory in Arabidopsis

Suma Mitra^{1,2,3}, Shih-Jiun Yu^{1,4}, Hong-Yi Li^{1,4}, Nai-Yu Liu¹, Chuan-Chih Hsu⁵, Akankshita Borah^{1,2,3}, Yu-Yan Shen¹, Meng-Ju Hung¹, Yang-Hsin Hsu⁶, Hongyong Fu^{2,3,5}, Yee-yung Charng^{1,2,3,4}

Yi-Shu Chiu (邱乙書)

Efficient production of COVID-19 VLPs in plants

Yi-Shu Chiu^{l,#}, Yi-Chun Yeh^l, Pei-Wen Hsiao^l and Hsin-Hung Yeh^{l,*}

Solomon Antonio (所羅門)

The Role of NADPH Oxidase-Mediated ROS in Mitochondrial Status in Arabidopsis Tapetum

Solomon Antonio Jr. 1,2,3, Der-Fen Suen 1,3,4*

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Ya-Tan Cheng (鄭雅丹)

The Regulation of Cytosolic α -Tubulin Proteostasis by the Mitochondrial Inner Membrane Protease OMA1 Under Acute Heat Stress

Ya-Tan (Cassie) Cheng^{1,2,3#} and Der-Fen Suen^{1,3,4*}

Jeevan Kumar Shrestha (潔凡)

Phytoene Synthase 2 Regulates Iron Plaque Formation in Rice Roots

Jeevan Kumar Shrestha^{1,2,3}, Munkhtsetseg Tsednee¹, Chang-Sheng Wang⁵, & Kuo-Chen Yeh^{1,2,4*}

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

Jeng-Yuan Shiau (蕭証元)

Integrated omics strategy reveals deoxyelephantopin and its derivative DETD-35 induced mitochondrial dysfunction in triple negative breast cancer cells

Jeng-Yuan Shiau, Han-Jung Huang, and Lie-Fen Shyur*

Agricultural Biotechnology Research Center, Academia Sinica, Taiwan

Yu-Chih Yang (楊聿智)

Cross-protective antibodies induced by multi-valent spike VLP vaccine

Yu-Chih Yang^{l#}, Yi-Te Lin^{l#}, Yi-Chun Yeh^{l#}, Pei-Wen Hsiao^{l*}

Meng-Ting Chang (張孟亭)

Chemopreventive phytosesquiterpene lactones impede BRAF inhibitor induced cutaneous papilloma through regulating MAPK pathway and lipid metabolism

Meng-Ting Chang, Jia-Hua Feng, and Lie-Fen Shyur*

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Mu-Fan Tsou (鄒牧帆)

Research on active pharmaceutical ingredients from a medicinal orchid plant against vemurafenib induced resistant melanoma

Mu-Fan Tsou^{l,2}, Lie-Fen Shyur^{l,2,*}

Bo-Wei Wang (王博緯)

Actions of 6-pentyl-2H-pyran-2-one derivative in controlling fusarium wilt by *Fusarium oxysporum* f. sp. cubense in banana

Bo-Wei Wang^{1,2,3,4}, Yang-Zhi Zhou^{2,3}, Yao-Cheng Lin^{2,3}, Yu-Liang Yang^{1,2,3,*}, Chih-Chuang Liaw^{1,4,*}

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