

CHANG-HSIEN YANG (楊長賢)

POSITION/AFFILIATIONS Chair Professor Institute of Biotechnology, National Chung Hsing University	CONTACT INFORMATION 250 Kuo-Kuang Road, Taichung 40227, Taiwan, R. O. C. TEL: +886-4-22840328 ext.756 FAX: +886-4-22853126 E-mail: chyang@dragon.nchu.edu.tw		
EDUCATION			
INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY
National Taiwan Normal University	B.Sc.	1977~1981	Biology
UC Davis	Ph.D.	1987-1992	Genetics

Positions and Employment

- 2015~present Chair Professor, Institute of Biotechnology, National Chung Hsing University, Taichung, Taiwan
- 2015~2023 Vice President for Academic Affairs, National Chung Hsing University, Taichung, Taiwan
- 2007~2015 Distinguished Professor, Institute of Biotechnology, National Chung Hsing University, Taichung, Taiwan
- 2005~2011 Director, Biotechnology Center, National Chung Hsing University, Taichung, Taiwan

Selected publications

1. Lee PF, Zhan YX, Wang JC, Cheng YH, Hsu WH, Hsu HF, Chen WH and **Yang CH*** (2023). The *AtERF19* gene regulates meristem activity and flower organ size in plants. *The Plant Journal* 114: 1338-1352.
2. Li YC, Lin JY, Hsu WH, Kung CT, Dai SY, Yang JY, Tan CM and **Yang CH*** (2023). *OAF* is a *DAF*-like gene that controls ovule development in plants. *Communications Biology* 6: 498.
3. Chen WH, Lin PT, Hsu WH, Hsu HF, Li YC, Tsao CW, Hsu MC, Mao WT and **Yang CH*** (2022). Regulatory network for *FOREVER YOUNG FLOWER*-like genes in regulating *Arabidopsis* flower senescence and abscission. *Communications Biology* 5: 662.
4. Hsu HF, Chen WH, Shen YH, Hsu WH, Mao WT and **Yang CH*** (2021). Multifunctional evolution of B and *AGL6* MADS box genes in orchids. *Nature Communications* 12: 902.
5. Mao WT, Hsu WH, Li JY and **Yang CH*** (2021). Distance-based measurement determines the coexistence of B protein hetero- and homodimers in lily tepal and stamen tetrameric complexes. *The Plant Journal* 105: 1357-1373.
6. Chen WH, Jiang ZY, Hsu HF and **Yang CH*** (2021). Silencing of *FOREVER YOUNG FLOWER* like genes from *Phalaenopsis* orchids promotes flower senescence and abscission. *Plant Cell Physiology* 62(1): 111-124.
7. Hsu HF, Hsu WH, Lee YI, Mao WT, Yang JY, Li JY, **Yang CH*** (2015). Model for perianth formation in orchids. *Nature Plants* 1: 15046. (SCI) (This paper was selected as Research highlights by Nature Publishing Group and as May cover for Nature Plants)