CURRICULUM VITAE

Name: Fure-Chyi Chen
Position: Distinguished Professor
Dean, College of Agriculture, National Pingtung University of Science and Technology, Taiwan

Education: BS, Horticulture, National Taiwan University, 1978
MS, Horticulture, National Taiwan University, 1983
MS, Genetics, University of California, Davis, USA, 1986
Ph.D, Horticulture, University of Hawaii, USA, 1993

Professional Experience and Positions:

1. 1986-1989, Assistant Research Fellow, Department of Horticulture, Taiwan Agricultural Research Institute
2. 1989-1993, Graduate Research Assistant, Department of Horticulture, University of Hawaii
3. 1993-1999, Associate Professor, Department of Plant Industry, National Pingtung University of Science and Technology
4. 1999-current, Professor, Department of Plant Industry, National Pingtung University of Science and Technology
5. 2000-2003, Chairman, Department of Plant Industry, National Pingtung University of Science and Technology
6. 2000-2003, Head, Agricultural Farm, National Pingtung University of Science and Technology
7. 2000-2003, Head, Horticultural Farm, National Pingtung University of Science and Technology
8. 2011-2012, 2019-2020, Board of Directors, Taiwan Society of Horticultural Science
9. 2011-2015, Editor (Floriculture and biotechnology sections), Taiwan Society of Horticultural Science
10. 2017-current, Editor (Floriculture), Horticultural Journal, Japanese Society of Horticultural Science
11. 2007-2010, 2013-2015, Board of Supervisors, Taiwan Society of Horticultural Science
12. 2017 August -2020 July, Dean, College of Agriculture
13. Reviewers for many international professional journals

Research Interests:

Micropropagation of tropical ornamentals and orchids, molecular study of somaclonal variation of Phalaenopsis orchids, breeding Phalaenopsis orchids

Recent Publications:

Huang, J. -Z., C. P. Lin, T. C. Cheng, Bill C. H. Chang, S. Y. Cheng, Y. W. Chen, C. Y. Lee, S. W. Chin and F. C. Chen. 2015. A de novo floral transcriptome reveals clues into Phalaenopsis orchid flower development. PLOS ONE 10(5): e0123474.

Huang, J.-Z., C.-P. Lin, T.-C. Cheng, Y.-W. Huang, Y.-J. Tsai, S.-Y. Cheng, Y.-W. Chen, C.-P. Lee, W.-C. Chung, Bill C.-H. Chang, S.-W. Chin, C.-Y. Lee, F.-C. Chen. 2016. The genome and transcriptome of Phalaenopsis yield insights into floral organ development and flowering regulation. Peer J. 4:e2017

Huang, Y. W., Y. J. Tsai, T. C. Cheng, J. J. Chen and F. C. Chen. 2014. Physical wounding and ethylene-stimulated embryogenic stem cell proliferation and plantlet regeneration in protocorm-like bodies of *Phalaenopsis* orchids. Genet. Mol. Res. 13 (4): 9543-9557.

Huang, Y. W., Y. J. Tsai and F. C. Chen. 2014. Characterization and expression analysis of somatic embryogenesis receptor-like kinase genes from *Phalaenopsis* orchid. Genet. Mol. Res. 13 (4):10690-10703.

Lee, C.Y., K.K. Viswanath, J.Z. Huang, C.P. Lee, C.P. Lin, T.C. Cheng, B. C. Chang, S.W. Chin, and F.C. Chen. 2018. PhalDB:A comprehensive database for molecular mining of the *Phalaenopsis* genome, transcriptome and miRNome. Genet. Mol. Res. 17 (3): gmr18051.

Lee, M. J., W. J. Yang, C. T. Chiu, J. J. Chen, F. C. Chen and L. S. Chang. 2014. Isolation and characterization of the papaya MADS-box E-class genes, CpMADS1 and CpMADS3, and a TM6 lineage gene CpMADS2. Genet. Mol. Res. 13(3):5299-5312.

Ping, C.-Y., F. C. Chen, T. C. Cheng, H. L. Lin, T. S. Lin, W. J. Yang, Y. I Lee. 2018. Expression profiles of phosphoenolpyruvate carboxylase and phosphoenolpyruvate carboxylase kinase genes in Phalaenopsis, implications for regulating the performance of Crassulacean Acid Metabolism. Front. Plant Sci. 9:1587.

Udomdee, W., P. J. Wen, S. W. Chin, and F. C. Chen. 2015. Effect of storage temperature on seed viability and in vitro germination of nobile Dendrobium hybrids. Thai Agr. Res. J. 32(2):201-217.

Udomdee, W., P.-J. Wen, C. Y. Lee, S. W. Chin, and F. C. Chen. 2014. Effect of sucrose concentration and seed maturity on in vitro germination of *Dendrobium* nobile hybrids. Plant Growth Regul. 72:249-255.

Wang, S.L., K.K. Viswanath, C.G. Tong, H.R. An, S. Jang, and F.C. Chen. 2019. Floral induction and flower development of orchids. Frontiers Plant Sci. 10:1258.

Yuan, S.C., S.W. Chin and F.C. Chen. 2015. Current trends of *Phalaenopsis* orchid breeding and study on pollen storage. Acta Hortic. 1078:19-24.

Yuan, S.C., S.W. Chin, C.Y. Lee and F.C. Chen. 2018. Phalaenopsis pollinia storage at sub-zero temperature and its pollen viability assessment. Bot. Stud. 59:1.

Google Scholars:

https://scholar.google.com.tw/citations?user=l9SVwy4AAAAJ&hl=zh-TW