CURRICULUM VITAE

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|--------------------|---|--|-----|--------------|--------|
| Name | Changyin Wu | Gender | M | ale | |
| Position Title | | Professor | | | To Jan |
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Research Interest

Plant development: flowering time, inflorescence architecture, reproductive biology

Professional Memberships

Genetics Society of China

Other Roles

Education & Working Experience

Professor, Huazhong Agricultural University, 2009-

Visiting scholar, University of California, San Diego, 2011

Postdoctoral Research, John Innes Centre, UK, 2006-2007

Ph.D-Biochemistry and Molecular Biology, Huazhong Agricultural University, 2003

Publications

- 1. Peng Q, Zhu C, Liu T, Zhang S, Feng S, **Wu C***. Phosphorylation of OsFD1 by OsCIPK3 promotes the formation of RFT1-containing florigen activation complex for long-day flowering in rice. Mol Plant, 2021, 14:1135-1148
- 2. Zhang P[#], **Zhu** C[#], Geng Y[#], Wang Y, Yang Y, Liu Q, Guo W, Chachar S, Riaz A, Yan S, Yang L, Yi K*, **Wu** C*, Gu X*. Rice and arabidopsis homologs of yeast CHROMOSOME TRANSMISSION FIDELITY PROTEIN 4 commonly interact with polycomb complexes but exert divergent

- regulatory functions. Plant Cell, 2021, 33:1417-1429.
- 3. Zhu C, Peng Q, Fu D, Zhuang D, Yu Y, Duan M, Xie W, Cai Y, Ouyang Y, Lian X, **Wu C***. The E3 ubiquitin ligase HAF1 modulates circadian accumulation of EARLY FLOWERING3 to control heading date under long-day conditions in rice. Plant Cell, 2018, 30(10): 2352-2367
- 4. Li Y, Xiao J, Chen L, Huang X, Cheng Z, Han B, Zhang Q*, **Wu** C*. Rice functional genomics research: past decade and future. Mol Plant, 2018, 11(3): 359-380
- 5. Yang Y, Fu D, Zhu C, He Y, Zhang H, Liu T, Li X, **Wu C***. The RING-finger ubiquitin ligase HAF1 mediates Heading date 1 degradation during photoperiodic flowering in rice. Plant Cell, 2015, 27: 2455-2468
- 6. Li X, Chang Y, Xin X, Zhu C, Li XH, Higgins JD, **Wu C***. Replication Protein A 2c coupled with Replication Protein A1c regulates crossover formation during meiosis in rice. Plant Cell, 2013, 25: 3885–3899
- 7. Yang Y, Li Y, **Wu C***. Genomic resources for functional analyses of the rice genome. Curr Opin in Plant Biol, 2013, 16:157–163
- 8. Wang N, Long T, Yao W, Xiong L, Zhang Q, **Wu C***. Mutant resources for the functional analysis of the rice genome. Mol Plant, 2013, 6: 596-604
- 9. Yang Y, Peng Q, Chen G, Li X, **Wu C***. OsELF3 is involved in circadian clock regulation for promoting flowering under long-day conditions in rice. Mol Plant, 2013, 6: 202-215
- Li X, Gao X, Wei Y, Deng L, Ouyang Y, Chen G, Li X, Zhang Q, Wu C*. Rice apoptosis inhibitor 5 coupling with two DEAD-box ATP-dependent RNA helicases regulates tapetum degeneration. Plant Cell, 2011, 23: 1416-1434