Curriculum Vitae

JIANG DANHUA

CONTACTS

E-mail: danhua.jiang@gmi.oeaw.ac.at, danhuajiang@gmail.com

EDUCATION

2012 National University of Singapore, PhD.

2006 Shanghai University, MEng.

2003 Shandong University, BS.

RESEARCH EXPERIENCE

2013-Present Gregor Mendel Institute and Temasek Life Sciences Laboratory
Laboratory of Dr. Frederic Berger

2006 - 2012 Department of Biological Sciences, National University of Singapore
Laboratory of Dr. He Yuehui

2003 - 2006 Shanghai Jiao Tong University and Shanghai University joint training
Laboratory of Dr. Zhang Dabing

PUBLICATIONS

1. **Jiang D**, Berger F. Histone variants in plant transcriptional regulation. **Biochimica et Biophysoca Acta (BBA)-Gene Regulatory Mechanisms**, 2017, 1: 123-130.
2. Li Z, **Jiang D** (co-first author), Fu X, Luo X, Liu R, He Y. Intergration of histone methylations with RNA processing by the nuclear mRNA cap binding complex. **Nature Plants**, 2016, 2: 16015.
3. Gu X, Le C, Wang Y, Li Z, **Jiang D**, Wang Y, He Y. *Arabidopsis* FLC clade members form flowering-repressor complexes coordinating responses to endogenous and environmental cues. **Nature Communications**, 2013, 4: 1947.
4. Gu X, **Jiang D** (co-first author), Yang W, Jacob Y, Michaels S, He Y. *Arabidopsis* homologs of retinoblastoma-associated protein 46/48 associate with a histone deacetylase to act redundantly in chromatin silencing. **Plos Genetics**, 2011, e1002366.
5. **Jiang D**, Kong N, Gu X, Li Z, He Y. *Arabidopsis* COMPASS-like complexes mediate histone H3 lysine 4 trimethylation to control the floral transition and plant development. **Plos Genetics**, 2011, e1001330.
6. Yang W, **Jiang D**, Jiang J, He Y. A plant-specific histone H3 lysine 4 demethylase represses floral transition in *Arabidopsis*. **Plant Journal,** 2010, 62: 663-673.
7. **Jiang D**, Gu X, He Y. Establishment of the winter-annual growth habit via *FRIGIDA*-mediated histone methylation at *FLOWERING LOCUS C* in *Arabidopsis*. **Plant Cell**, 2009, 21: 1733-1746.
8. Gu X, **Jiang D**, Wang Y, Bachmair A, He Y. Repression of the floral transition via histone H2B monoubiquitination. **Plant Journal**, 2009, 57: 522-533.
9. **Jiang D**, Wang Y, Wang Y, He Y. Rerpression of the *FLOWERING LOCUS C* and *FLOWERING LOCUS T* by the *Arabidopsis* polycomb repressive complex 2 components. **Plos ONE**, 2008, 3: e3404.
10. **Jiang D**, Yang W, He Y, Amasino RM, *Arabidopsis* relatives of human histone-lysine specific demethylase 1 repress expression *FWA* and *FLOWERING LOCUS C* and thus promote floral transition. **Plant Cell**, 2007, 19: 2975-2987.
11. Li X, **Jiang D**, Yong K, Zhang D. Varied transcriptional efficiencies of multiple *Arabidopsis* U6 small nuclear RNA genes. **Journal of Integrative Plant Biology**, 2007, 49: 222-229.

12. **Jiang D**, Yin C, Yu A, Zhou X, Liang W, Yuan Z, Xu Y, Yu Q, Wen T, Zhang D. Duplication and expression analysis of multicopy miRNA family members in *Arabidopsis* and rice. **Cell Research**, 2006, 16: 507-518.

FELLOWSHIPS AND AWARDS

2014-2016	EMBO long term postdoctoral fellowship
2010-2012	President's Graduate Fellowship from National University of Singapore
2012	International Society for Plant Molecular Biology (ISPMB) gold medal
2010	Chinese government award for outstanding self-financed students abroad