

CURRICULUM VITAE

Name: Bosheng Li
Address: Department of Plant Sciences - Mail Stop 5
University of California
One Shields Ave, Davis, CA 95616
Telephone: +1(530)754-7322 (Lab)
Email: bosli@ucdavis.edu

◆EDUCATION◆

Sep 2006 – Jan 2014	Plant Science and Bioinformatics Beijing Forestry University, Beijing, China	Ph.D.
Aug 2010 – Aug 2012	Bioinformatics Yale University, New Haven, United States	visiting Ph.D.
Sep 2002 – Jun 2006	Biological Technology Beijing Forestry University, Beijing, China	B.E.

◆RESEARCH EXPERIENCE◆

11/2014 – present	Postdoctoral Associate, Department of Plant Science, University of California, Davis Supervised by Professor Eduardo Blumwald Task and project: Bioinformatics analysis and lab bench work Plant abiotic stress resistance, Plum and Rice
11/2013 – 11/2014	Postdoctoral Associate, Department of Molecular, Cellular and Developmental Biology, Yale University Supervised by Professor/Academician Xing Wang Deng Task and project: Bioinformatics analysis and lab bench work PhyA and FHY1 ChIP-seq, Wheat and <i>Arabidopsis</i>
06/2006 – 01/2014	Ph.D. student, National Engineering Laboratory of Forest Genetics and Tree Breeding, Beijing Forestry University , Beijing, China Supervised by Professor/Academician Weilun Yin Task: Fieldwork, lab bench work and bioinformatics. <i>Populus euphratica</i> small RNAome sequencing Wild growth poplar tree inspiration and photosynthesis
08/2010 – 08/2012	visiting Ph.D. student, Department of Molecular, Cellular

and Developmental Biology, **Yale University**.
Supervised by **Professor/Academician Xing Wang Deng**
Task and project:
Bioinformatics analysis and lab bench work
Arabidopsis FHY3 ChIP-seq

01/2006 – 06/2006 B.E. student, Institute of Genetic and Developmental
Biology, **Chinese Academy of Science**, Beijing, China
Supervised by **Professor Fan Chen**
Task: Lab bench work
Rice FLC gene clone and Dof protein expression in yeast

◆SCIENTIFIC PUBLICATIONS◆

- 1) Li Yang ^{*}, **Bosheng Li** ^{*}, Xiaoyu Zheng ^c, Jigang Li ^d, Guangming He ^{a,b}, Xinnian Dong ^c, Chengcai An ^{a,*} and Xing Wang Deng. Enhanced Salicylic Acid Biosynthesis Is Involved in Heterosis for Bacterial Defense in *Arabidopsis*. **(under review, * equal contribution)**.
- 2) Chen F^{*}, **Li Bosheng**^{*}, Demone J, Charron JB, Shi X, Deng XW. Photoreceptor partner FHY1 has an independent role in gene modulation and plant development under far-red light. **PNAS. 2014** 111(32):11888-93.35 (*** equal contribution**).
- 3) Chen F^{*}, **Li Bosheng**^{*}, Demone J, Charron JB, Shi X, Deng XW. Arabidopsis Phytochrome A Directly Targets Numerous Promoters for Individualized Modulation of Genes in a Wide Range of Pathways. **The Plant Cell. 2014** 16;26(5):1981-1991. 35 (*** equal contribution**).
- 4) Jin D^{*}, **Li Bosheng**^{*}, Deng XW, Wei N. Plant COP9 Signalosome subunit 5, CSN5. **Plant Sci. 2014** : 224:54-61. 35 (*** equal contribution**).
- 5) **Li Bosheng**, D. H, Li J, Deng XW, Yin W, Xia X . Global identification of miRNAs and targets in *P. euphratica* under salt stress. **Plant Molecular Biology 2013** 81: 525-539.
- 6) Ouyang X^{*}, J.L^{*}, G. L^{*}, **Li Bosheng**^{*}, Chen B, Shen H, Huang X, Mo X, Wan X, Lin R, Li S, Wang H and Deng XW. Genome-Wide Binding Site Analysis of FAR-RED ELONGATED HYPOCOTYL3 Reveals Its Novel Function in Arabidopsis Development. **The Plant Cell. 2011** Jul;23(7):2514-35 (*** equal contribution**).
- 7) **Li Bosheng**, Q. Y, D. H, Yin W, Xia X Genome-wide characterization of new and drought stress responsive microRNAs in *Populus euphratica*. **Journal of Experimental Botany 2011** Jul;62(11):3765-79.
- 8) **Li Bosheng**, W. Yin, and X. Xia, Identification of microRNAs and their targets from *Populus euphratica*. **BBRC 2009**, 388272-7.
- 9) National Patent of “8 functional microRNAs in *Populus euphratica*”