

CURRICULUM VITAE

Bo Zhang, Ph.D.

Postdoctoral Scientist and Adjunct Assistant Professor

Department of Biological Sciences

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Date of birth: June 16, 1981

Gender: Male

Citizenship: China

Education and Research

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| 2011- present | Postdoc at Lehman College, CUNY |
| 2010- 2011 | Postdoc at Georgia Institute of Technology |
| 2003- 2010 | Ph.D. The Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, Beijing, China |
| 1999- 2003 | B.A. Nanjing Agricultural University, Nanjing, China |

Teaching

Fall 2014: Bio238 *Genetics*, Lab section

Spring 2015: Bio238 *Genetics*, Lab section

Summer 2015: Bio167 *Principles of Biology: Organisms*, Lab section

Fall 2015: Bio166 *Principles of Biology: Cells and Genes*, Lab section

Professional experiences

1. Associate Editor for *Journal of Plant Biology*,
2. Reviewer for *Environmental Pollution*, *Chemosphere*, *Plant Cell Reports*, *Plant Molecular Biology Reporter*, *BMC Plant Biology*, *Plant Science*, *Environmental and Experimental Biology* and *Functional Plant Biology*.

Honors and Awards

2010, Zhu Li Yuehua Outstanding Doctoral Award of Chinese Academy of Sciences (300 per year)

2010, Yihai-Kerry Enterprises award of Institute of Genetics and Developmental Biology (10 per year)

2009, Pacemaker Students of Chinese Academy of Sciences (1% of total students)

2009, Outstanding Students of Chinese Academy of Sciences (15% of total students)

2008, Graduate Scholarship of Chinese Academy of Sciences

Presentations

1. **Bo Zhang**, “Roles of a protein kinase gene in plant ethylene response and stress responses in *Arabidopsis*”
2009 NAIST Global COE International Student Workshop and GCOE International Symposium, 2009, Nara, Japan.
2. **Bo Zhang**, “*Arabidopsis* NIMA-related Kinase Regulates Organ Size and Stress Tolerance and Interacts with Ethylene Signaling”
5th youth forum on plant molecular biology, August 2010, Peking University, Beijing, China

Publications

1. **Zhang, B.**, Yang, G., Chen, Y., Zhao, Y., Gao, P., Liu, B., ... & Zheng, Z. L. (2016). C-terminal domain (CTD) phosphatase links Rho GTPase signaling to Pol II CTD phosphorylation in *Arabidopsis* and yeast. *Proceedings of the National Academy of Sciences*, 201605871. (**Identification of a novel pathway by which Rho GTPase regulates Pol II CTD code**)
2. Zheng, Z. L., **Zhang, B.**, & Leustek, T. (2014). Transceptors at the boundary of nutrient transporters and receptors: a new role for *Arabidopsis* SULTR1; 2 in sulfur sensing. *Frontiers in plant science*, 5.
3. **Zhang, B.**, Pasini, R., Dan, H., Joshi, N., Zhao, Y., Leustek, T., & Zheng, Z. L. (2014). Aberrant gene expression in the *Arabidopsis* SULTR1; 2 mutants suggests a possible regulatory role for this sulfate transporter in response to sulfur nutrient status. *The Plant Journal*, 77(2), 185-197. (**First report of sulfur transceptor, most cited articles published in The Plant Journal in 2014 or 2015.**)
4. **Zhang, B.**, Chen, H. W., Mu, R. L., Zhang, W. K., Zhao, M. Y., Wei, W., ... & Ma, B. (2011). NIMA-related kinase NEK6 affects plant growth and stress response in *Arabidopsis*. *The Plant Journal*, 68(5), 830-843.
5. Lei, G., Shen, M., LI, Z. G., **Zhang, B.**, DUAN, K. X., Wang, N., ... & CHEN, S. Y. (2011). EIN2 regulates salt stress response and interacts with a MA3 domain-containing protein ECIP1 in *Arabidopsis*. *Plant, cell & environment*, 34(10), 1678-1692.
6. Wuriyanghan, H*, **Zhang, B***, Cao, W. H*, Ma, B., Lei, G., Liu, Y. F., ... & Cao, Y. R. (2009). The ethylene receptor ETR2 delays floral transition and affects starch accumulation in rice. *The Plant Cell*, 21(5), 1473-1494. (*: co-first author, **first report of the function of the rice ethylene receptors**)
7. Wang, H. W., **Zhang, B.**, Hao, Y. J., Huang, J., Tian, A. G., Liao, Y., ... & Chen, S. Y. (2007). The soybean Dof-type transcription factor genes, GmDof4 and GmDof11, enhance lipid content in the seeds of transgenic *Arabidopsis* plants. *The Plant Journal*, 52(4), 716-729.