CURRICULUM VITAE

Personal Information				
Name	Zhipeng ZHOU	Gender	Man	 Photo
Position Title		Professor		
Working Department				
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Research Interest

1. Translational regulation;
2. The molecular mechanisms of circadian clock;
3. The biological functions of mRNA, tRNA, and rRNA modifications.

Professional Memberships

Other Roles

Education & Working Experience

Education:

09/2007 – 06/2012 Ph.D. Advisor: Dr. Qun He

College of Biological Sciences, China Agricultural University (CAU), Beijing, China.

09/2003 – 06/2007 B.S.

College of Biological Sciences, China Agricultural University (CAU), Beijing, China.

Professional Experiences:

09/2013– present, Professor,

College of Life Science and Technology, Huazhong Agricultural University, China.

06/2013– 09/2018, Postdoctoral Research associate with Dr. Yi Liu,

Department of Physiology, UT Southwestern Medical Center, Dallas, USA.

06/2012– 06/2013, Postdoctoral Research associate with Dr. Zhiyong Liu,

College of Agriculture and Biotechnology, CAU, Beijing, China.

Publications

1. Zhou, Z.*, Dang, Y.*#, Zhou, M., Yuan, H., and Liu, Y#. (2018). Codon usage biases co-evolve with the transcription termination machinery to suppress premature cleavage and polyadenylation in coding regions. eLife 7: 33569 (*Contributed equally)
2. Dang, Y. *, Cheng, J. *, Sun, X., Zhou, Z., and Liu, Y#. (2016). Antisense transcription licenses nascent transcripts to mediate transcriptional gene silencing. Genes & Development, 30 (21), 2417-2432.
3. Zhou, Z.*, Dang, Y.*, Zhou, M., Li, L., Yu, C.H., Fu, J., Chen, S., and Liu, Y#. (2016). Codon usage is an important determinant of gene expression levels largely through its effects on transcription. Proc Natl Acad Sci USA 113, E6117-E6125. (*Contributed equally)
4. Yu, C.H.*, Dang, Y.*, Zhou, Z.*, Wu, C., Zhao, F., Sachs, M.S., and Liu, Y#. (2015). Codon Usage Influences the Local Rate of Translation Elongation to Regulate Co-translational Protein Folding. Mol Cell 59, 744-754. (*Contributed equally and cover story
5. Sun, G.*, Zhou, Z.*, Liu, X.*, Gai, K., Liu, Q., Cha, J., Kaleri, F.N., Wang, Y., and He, Q#. (2016). Suppression of WHITE COLLAR-independent frequency Transcription by Histone H3 Lysine 36 Methyltransferase SET-2 Is Necessary for Clock Function in Neurospora. J Biol Chem 291, 11055-11063. (*Contributed equally)

6. Zhou, Z.*, Liu, X.*, Hu, Q.*, Zhang, N., Sun, G., Cha, J., Wang, Y., Liu, Y., and He, Q#. (2013). Suppression of WC-independent frequency transcription by RCO-1 is essential for Neurospora circadian clock. Proc Natl Acad Sci USA 110, E4867-4874. (*Contributed equally)

7. Zhou, Z., Wang, Y., Cai, G., and He, Q#. (2012). Neurospora COP9 signalosome integrity plays major roles for hyphal growth, conidial development, and circadian function. PLoS Genet 8, e1002712.

8. Wang, J., Hu, Q., Chen, H., Zhou, Z., Li, W., Wang, Y., Li, S., and He, Q#. (2010). Role of individual subunits of the Neurospora crassa CSN complex in regulation of deneddylation and stability of cullin proteins. PLoS Genet 6, e1001232.