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姓 名:	赵玉胜
职 称:	研究员
电话/传真:	86-10-64801239
电子邮件:	yusheng.zhao@genetics.ac.cn
研究方向:	植物温度适应性

简介介绍:

赵玉胜，博士，研究员，博士生导师

入选中科院“BR计划”，2008年毕业于中国农业大学农学与生物技术学院，获学士学位；2008-2014年就读于中国农业大学生物学院，获理学博士学位；2014-2021年在英国John Innes Center从事博士后研究。2021年9月入职中科院遗传与发育生物学研究所分子农业生物学研究中心。

研究领域:

研究领域：

主要以小麦为研究材料，解析植物的温度适应性机制，重点研究开花、株型和免疫等重要生物性状的主要温度调控途径，致力于解析高产、耐逆和免疫等复杂性状间协同调控的分子机制，将通过分子遗传学、细胞生物学以及数学建模等多种技术手段，探究植物应答环境温度方面的重要基础科学问题，以及通过分子设计育种培育高产、耐逆、抗病协同改良的小麦新品种。

代表论著:

发表论文

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2. Rea L. Antoniou-Kourounioti#, Anis Meschichi#, Svenja Reeck#, Scott Berry, Govind Menon, **Yusheng Zhao**, John A. Fozard, TerriL. Holmes, Huamei Wang, Matthew Hartley, Caroline Dean*, Stefanie Rosa*, Martin Howard*. Integrating analog and digital modes of gene expression at Arabidopsis FLC. **BioRxiv**. 2022, <https://doi.org/10.1101/2022.07.04.498694>.
3. **Yusheng Zhao**#; Pan Zhu#; Jo Hepworth; Rebecca Bloomer; Rea Laila Antoniou-Kourounioti; Jade Doughty; Amelie Heckmann; Congyao Xu; Hongchun Yang; Caroline Dean*; Natural temperature fluctuations promote COOLAIR regulation of FLC, **Genes & Development**, 2021, 35: 888-898.
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6. Chunlei Wang; Xiaomei Dong; Dan Jin; **Yusheng Zhao**; Shaojun Xie; Xiaojie Li; Xinjian He; Zhaobo Lang; Jinsheng Lai; Jian-Kang Zhu; Zhizhong Gong*; Methyl-CpG-Binding domain protein MBD7 is required for active DNA demethylation in Arabidopsis, **Plant physiology**, 2015, 167(3): 905-914.
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8. Jing Li; Susheng Song; **Yusheng Zhao**; Weiwei Guo; Guanghui Guo; Huiru Peng; Zhongfu Ni; Qixin Sun; Yingxin Yao*; Wheat 14-3-3 protein conferring growth retardation in Arabidopsis, **Journal of Integrative Agriculture**, 2013, 12(2): 209-217.
9. Xiaojie Li; Weiqiang Qian; **Yusheng Zhao**; Chunlei Wang; Jie Shen; Jian-Kang Zhu*; Zhizhong Gong*; Antisilencing role of the RNA-directed DNA methylation pathway and a histone acetyltransferase in Arabidopsis, **PNAS**, 2012, 109(28): 11425-11430.



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地址:北京市朝阳区北辰西路1号院2号, 遗传与发育生物学研究所 邮编:100101 邮件:genetics@genetics.ac.cn

