

## 外国留学生研究生指导教师情况表

### Resume of Supervisor (中英文版)

导师姓名: Name of supervisor:	Xinquan Zhang	导师类别: Supervisor Level:	博导 <input checked="" type="checkbox"/> 硕导 <input type="checkbox"/> Doctor Master
院所 College/Institute:	Animal Science and Technology		
学科 Discipline:	Grassland Science		
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办公地址 Address:	No. 211 Huimin Road, Wenjiang District, Chengdu 611130, Sichuan Province, P. R. China		
研究方向: Research Fields	<ul style="list-style-type: none"> <li>● Grass genetic resources and breeding</li> <li>● Forage production</li> </ul>		
教育背景: Educational Background:	<p>Sept., 1999-Oct., 2000: A postdoctoral fellow at the Department of Crop Science, the Swedish University of Agricultural Sciences.</p> <p>Sept., 1993-Jul., 1998: Ph. D., Sichuan Agricultural University.</p> <p>Sept., 1987-Jul., 1992: M. S., Department of Grassland Science, Sichuan Agricultural University.</p> <p>Sept., 1982-Jul., 1986: B. Sc., Department of Agronomy, Sichuan Agricultural University.</p>		
工作经历: Professional Experience:	<p>2011: Jul.-Oct., Guest Professor, Hokkaido University, Japan.</p> <p>2001: Sept.–Now, Ph. D Supervisor, Professor of Sichuan Agricultural University, P. R. China.</p> <p>1997: Jan.-Oct., 2000: Associate Professor of Sichuan Agricultural University, P. R. China.</p> <p>1992-1997: Assistant Professor of Sichuan Agricultural University, P. R. China.</p> <p>2011-2015: Molecular breeding in forage, turfgrass, focusing on Orchardgrass, Bermudgrass, <i>Lolium</i>, <i>Elymus</i>, <i>Miscanthus</i>, Switchgrass.</p> <p>Jan.-Aug., 2004: Visiting Scholar in Michigan State University, USA, using AFLP markers to study genetic diversity of several <i>Fescue</i> and <i>Lolium</i> species.</p> <p>Sept., 1999-Oct., 2000: A postdoctoral fellow at the Department of Crop Science, the Swedish University of Agricultural Sciences, using ISSR, RAPD and Isozyme markers on the genetic diversity analysis of several <i>Elymus</i> species.</p> <p>Sept., 1993-Jul., 1998: Ph.D., Sichuan Agricultural University, supervised by Prof. Chi Yen and Prof. Jun-Liang Yang. Dissertation: Cytogenetic and Systematic Analysis of <i>Kengyilia</i> and <i>Roegneria</i> (Poaceae: <i>Triticeae</i>)</p> <p>Sept., 1987-Jul., 1992: M. S., Department of Grassland Science, Sichuan Agricultural University, supervised by Prof. Du Yi. Thesis: Studies on biology and cytology of some grass species.</p> <p>Sept., 1982-Jul., 1986: B.Sc., Department of Agronomy, Sichuan Agricultural University.</p>		

<p>主要论著 (10 篇代表论著) Publications</p>	<ol style="list-style-type: none"> <li>1. Huang, L. K., Yan, H. D., Zhao, X. X., Zhang, X. Q. *, Wang, J., Frazier, T., Yin, G., Huang, X., Yan, D. F., Zang, W. J., Ma, X., Peng, Y., Yan, Y. H. and Liu, W. Identifying differentially expressed genes under heat stress and developing molecular markers in orchardgrass (<i>Dactylis glomerata</i> L.) through transcriptome analysis. <i>Molecular Ecology Resources</i>. 2015 (15) doi: 10.1111/1755-0998.12418 (IF 5.626)</li> <li>2. Linkai Huang, Haidong Yan, Xiaomei Jiang, Yu Zhang, Xinquan Zhang*, Yang Ji, Bing Zeng, Bin Xu, Guohua Yin, Samantha Lee, Yanhong Yan, Xiao Ma, Yan Peng, Reference gene selection for quantitative real-time reverse-transcriptase PCR in orchardgrass subjected to various abiotic stresses. <i>Gene</i>, 2014, 553:158-165 DOI: 10.1016/j.gene.2014.10.017 (SCI收录)</li> <li>3. Ji Yang, Xinquan Zhang*, Yan Peng, Linkai Huang, Xiaoyu Liang, Kehua Wang, Guohua Yin and Xinxin Zhao. Osmolyte accumulation, antioxidant enzyme activities and gene expression patterns in leaves of orchardgrass during drought stress and recovery. <i>Grassland Science</i>, 2014, 60: 131–141 (SCI收录)</li> <li>4. Zhao X X, Huang L K, Zhang X Q*, et al. Effects of Heat Acclimation on Photosynthesis, Antioxidant Enzyme Activities, and Gene Expression in Orchardgrass under Heat Stress [J]. <i>Molecules</i>, 2014, 19(9): 13564-13576 (SCI 收录) .</li> <li>5. Gang Nie, Xin-Quan Zhang*, Lin-Kai Huang, Wen-Zhi Xu, Jian-Ping Wang, Yun-Wei Zhang, Xiao Ma, Yan-Hong Yan, Hai-Dong Yan. Genetic Variability and Population Structure of the Potential Bioenergy Crop <i>Miscanthus sinensis</i> (Poaceae) in Southwest China Based on SRAP Makers. <i>Molecules</i> 2014, 19:12881-12897 (SCI 收录) .</li> <li>6. Linkai Huang, Haidong Yan, Xiaomei Jiang, Xinquan Zhang*, Yunwei Zhang, Xiu Huang, Yu Zhang, Jiamin Miao, Bin Xu, Taylor Frazier, and Bingyu Zhao. Evaluation of candidate reference genes for normalization of quantitative RT-PCR in switchgrass under various abiotic stress conditions. <i>Bioenergy Research</i>, 2014, DOI 10.1007/s12155-014-9457-1. (IF 4.2) (SCI 收录)</li> <li>7. Linkai Huang, Haidong Yan, Xiaomei Jiang, Guohua Yin, Xinquan Zhang*, Xiao Qi, Yu Zhang, Yanhong Yan, Xiao Ma and Yan Peng. Identification of candidate reference genes in perennial ryegrass for quantitative RT-PCR under various abiotic stress conditions. <i>Plos One</i>, 2014, 9(4): e93724. (SCI收录) (IF 3.7)</li> <li>8. Linkai Huang, Xiu Huang, Haidong Yan, Guohua Yin, Xinquan Zhang*, Ye Tian, Yu Zhang, Xiaomei Jiang, Yanhong Yan, Xiao Ma,</li> </ol>

	<p>Yan Peng, Jiangning Zhou, Gang Nie. Constructing DNA fingerprinting of <i>Hemarthria</i> cultivars using EST-SSR and SCoT markers. Genet Resour Crop Evol , 2014, DOI 10.1007/s10722-014-0107-4 (SCI 收录)</p> <p>9. Linkai Huang, Yu Zhang, Jing Zhang, Xinquan Zhang* , Wengang Xie, Xiaomei Jiang, Fei Peng, Yanhong Yan, Xiao Ma, Wei Liu, Yan Peng, Guohua Yin, Xin Li. Genetic stability and DNA fingerprinting of the <i>Hemarthria compressa</i> cultivar “Guangyi”. Biochemical Systematics and Ecology, 2014,55:310-316 (SCI 收录)</p> <p>10. Yan Y-H, Li J-L, Zhang X-Q*, Yang W-Y, Wan Y, et al. Effect of Naphthalene Acetic Acid on Adventitious Root Development and Associated Physiological Changes in Stem Cutting of <i>Hemarthria compressa</i>. PLoS ONE, 2014, 9(3): e90700. doi:10.1371(IF 3.7) (SCI收录)</p>
<p>主要国际学术活动(5 项以内): International Academic Activities:</p>	<p>1. Yang Ji, Xinquan Zhang*, Yan Peng, Linkai Huang, Xiaoyu Liang Antioxidant enzyme activities and gene expression patterns in leaves of Orchardgrass during drought stress and recovery. The 8th International Symposium on Molecular Breeding of Forage and Turf [C]. Istanbul, Turkey, 2014.</p> <p>2. Zhang Xinquan*, Linkai Huang, Yan Peng, Wengang Xie, Ma Xiao. Evaluation and Utilization of Orchardgrass Germplasm in China. The 22nd International Grasslands Congress[C]. Sydney,Australia, 2013.</p> <p>3. Ling Y, Huang LK, Zhang X Q*, Ma X, Liu W. Assessment of genetic diversity of bermudagrass germplasm from southwest China and African using AFLP,SSR,SRAP,RAPD markers. The 12th International Turfgrass Research Conference [C]. Beijing, China,2013.</p> <p>4. Zhang Xinquan*, He Zhou, Yan Peng, Fugui Mi, Wengang Xie and Linkai Huang. Evaluation and Utilization of Orchardgrass Germplasm in China. Proceeding of the 4th Japan-China-Korea joint symposium on Grassland Agriculture and Livestock Production[C]. Miyazaki, Japan, 2012..</p> <p>5. Chen Shiyong, Zhang Xinquan*, Ma Xiao, Miao Jiamin. Genetic and geographical differentiation of two hexaploid perennial Triticeae grasses in China (Poaceae). The 7th International Symposium on Molecular Breeding of Forage and Turf [C]. Utah, USA. 2012.</p>