

外国留学生研究生导师情况表
Resume of Supervisor (中英文版)

导师姓名 Name of Supervisor	彭燕 Yan Peng	导师类别 Supervisor Level	博导 <input checked="" type="checkbox"/> 硕导 <input type="checkbox"/> Doctor Master
最后学历 Highest Degree	博士 Doctor degree	职称 Professional Title	教授 Professor
院所 College/Institute	动物科技学院 Animal science and technology college		
学科 Discipline	草业科学 Grassland science		
邮箱 Email	pengyanlee@163.com		
出国经历 Experience Abroad	2010.04-2010.10 美国罗格斯大学访问 Rutgers University,United States		
研究方向 Research Fields	草坪草/牧草抗逆生理与分子机制 Stress physiology and molecule mechanism of turfgrass or forage		
代表性成果 (10 项以内) Publications	<ol style="list-style-type: none"> 1. Zhou Li,†,§ Yan Zhang,†,§ Xinquan Zhang,† Emily Merewitz,*,‡ Yan Peng,*,† Xiao Ma,† Linkai Huang,†and Yanhong Yan† Metabolic Pathways Regulated by Chitosan Contributing to DroughtResistance in White Clover. Journal of Proteome Research, 2017, 16, 3039–3052. 2. Zhou Li1, Dandan Peng1, Xinquan Zhang, Yan Peng*, Meng Chen, Xiao Ma, Linkai Huang, Yanhong Yan Na+ induces the tolerance to water stress in white clover associated with osmotic adjustment and aquaporins-mediated water transport and balance in root and leaf. Environmental and Experimental Botany, 2017, 144: 11–24. 3. Zhou Li, Yan Zhang, Yi Xu, Xinquan Zhang, Yan Peng*, Xiao Ma, Linkai Huang, and Yanhong Yan. Physiological and iTRAQ-Based Proteomic Analyses Reveal the Function of Spermidine on Improving Drought Tolerance in White Clover. Journal of Proteome Research, 2016, 15 (5): 1563–1579. 4. Zhou Li, Yan Zhang, Xinquan Zhang, Yan Peng* , Emily Merewitz, Xiao Ma,Linkai Huang, Yanhong Yan. The alterations of endogenous polyamines and phytohormones induced by exogenous application of spermidine regulate antioxidant metabolism, metallothionein and relevant genes conferring drought tolerance in white clover. Environmental and Experimental Botany. 2016, 124:22–38 5. Li Z, Zhang Y, Peng DD, Wang XJ, Peng Y*, He XS, Zhang XQ, Ma X, Huang LK, Yan YH. Polyamine regulates tolerance to water stress in leaves of white clover associated with antioxidant defense and dehydrin genes via involvement in calcium messenger system and hydrogen peroxide signaling. Frontiers in Physiology, 2015,6:280,1-16. 6. Dandan Peng, Xiaojuan Wang , Zhou Li , Yan Zhang , Yan Peng* , Yaping Li ,Xiaoshuang He , Xinquan Zhang , Xiao Ma , Linkai Huang ,Yanhong Yan. NO is involved in spermidine-induced drought tolerance in white clover via activation of antioxidant enzymes and genes. Protoplasma, 2016 ,253(5): 1243-1254. 		

7. Li Z, Zhou H, Peng Y*, Zhang XQ, Ma X, Huang LK, Yan YH. Exogenously applied spermidine improves drought tolerance in creeping bentgrass associated with changes in antioxidant defense, endogenous polyamines and phytohormones. *Plant Growth Regulation*, 2015, 76 (1) :71-82.
8. Yan Zhang, Zhou Li, Yan Peng *, Xiaojuan Wang, Dandan Peng, Yaping Li, Xiaoshuang He, Xinquan Zhang *, Xiao Ma, Linkai Huang and Yanhong Yan. Clones of FeSOD, MDHAR, DHAR genes from white clover and gene expression analysis of ROS-scavenging enzymes during abiotic stress and hormone treatments. *Molecules*, 2015, 20, 20939–20954
9. Li Z, Jing W, Peng Y*, Zhang XQ, Ma X, Huang LK, Yan YH. Spermine alleviates drought stress in white clover with different resistance by influencing carbohydrate metabolism and dehydrins synthesis. *PLoS ONE*, 2015, 10(4):e0120708.
10. Zhou Li, Hui Zhou, Yan Peng*, Xinquan Zhang, Xiao Ma, Linkai Huang, Yanhong Yan. Exogenously applied spermidine improves drought tolerance in creeping bentgrass associated with changes in antioxidant defense, endogenous polyamines and phytohormones. *Plant Growth Regulation*, 2015, 76(1):71-82.