



# 吉林大学 生命科学学院

School of Life Sciences, Jilin University



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## 教授

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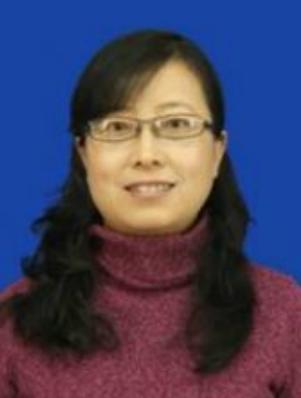
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研究方向:	1、生物活性物质结构与功能研究，其中包括抗肿瘤、抗氧化 药物及功能食品的研发及作用机制的研究； 2、酶的定向进化及应用，主要是酶法提取生物活性物质，进行结构与功能及应用研究； 3、仿生工程的基础研究	
教育经历:	1983-1987年 东北师范大学生命科学学院 获理学硕士学位 1995-1998年 东北师大 生命科学学院 获理学硕士学位 2002-2006年 吉林大学 分子酶学教育部重点实验室 获博士学位	
工作经历:	1987-1989年吉林省教育学院 教研员 1989-2006年长春教育学院 副教授/讲师 2006-2009 年 吉林大学生命科学学院 教授 2009.9-12月 加拿大阿尔伯塔大学 访问学者	
荣誉称号:	曾获得长春市百名优秀科技工作者，长春市教育局先进工作者。	
研究成果:	发表文章（2008年以后）：  [1] Fang Liu, Guirong Zhang*, Xue Sheng, Shang Liu, Meng Cui, Heyun Guo, Jianbin Xue ,Lingyun Zhang, Effects of hereditary moderate high fat diet on metabolic performance and physical endurance capacity in C57BL/6 offspring, MOLECULAR MEDICINE REPORTS 17: 4672-4680, 2018  [2] Xiao Wang, Xiaohong Wang, Fangdi Cong, Yanling Xu, Jie Kang, Ying Zhang, Meijuan Zhou, Kezhi Xing, Guirong Zhang* & Hong Pan, Synthesis of cinnamyl acetate catalysed by highly reusable cotton-immobilized Pseudomonas fluorescens lipase, Biocatalysis and Biotransformation , Published online: 09 Nov 2017 【DOI】10.1080/10242422.2017.1400018  [3] Jia Song, Xue Wang, Yu Huang, Yidi Qu , Guirong Zhang*, Di Wang* Analgesic effects of Marasmius androsaceus mycelia ethanol extract and possible	

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- [10]Jin Tao ,Zhenyan Jiang, Guirong Zhang\* Directed evolution of a hyperthermophilic esterase from the archaeon Aeropyrum pernix K1 to improve the hydrolysis efficiency towards plant cell wall ESF-EMBO Protein Design and Evolution for Biocatalysis 2008. 11