



吉林大学 生命科学学院

School of Life Sciences, Jilin University



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## 相宏宇

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研究方向:	<p>研究方向：（1）资源微生物与生物转化；（2）蛋白质工程与健康。主要研究课题：① 益生菌资源开发、机制研究与应用；② 微生物转化中药新功能物质的发现及其性质研究；③ 肠道微生物组与免疫应答机制研究；④ 共存微生物发酵体系的开发及其应用；⑤ 蛋白质结构功能研究及靶向药物筛选与生物药创制。</p>	
教育经历:	<p>1985.09-1989.07 山东大学微生物学系 微生物学专业 学士                  2000.09-2003.03 日本筑波大学大学院生物系统研究科 生物系统学专业 硕士                  2003.04-2006.03 日本筑波大学大学院生命环境科学研究科 生命共存科学专业 博士</p>	
工作经历:	<p>1989.07-1993.03 白求恩医科大学 预防医学院 助教                  1993.03-1995.07 美国独资 长春力达科技有限公司 科研部部长                  1995.08-1996.07 长春远东化机有限公司 副总经理                  1996.08-1999.08 长春天一生物工程有限公司 总工程师                  2006.04-2010.08 日本 农业生物资源研究所 研究员                  2010.09-2011.05 中国科学院微生物研究所 副研究员                  2011.06-2015.09 吉林大学生命科学学院 副教授                  2015.09- Present 吉林大学生命科学学院 教授</p>	
研究成果:	<p>近5年发表SCI论文15篇，申请专利8件，其中2件已获得专利授权；先后主持省部级科研项目6项，其中2项通过省科技厅主持的项目鉴定；主讲本科生课程3门，研究生课程1门；培养硕士博士研究生14人。2015年作为主要发起人和申请人，申请“吉林省转化生物学与健康工程研究中心”，获得吉林省发改委批准立项。</p> <p>1. Pan T, Xiang H, Diao T, Ma W, Shi C, Xu Y, Xie Q?. Effects of probiotics and nutrients addition on the microbial community and fermentation quality of peanut hull. Bioresour Technol. 2018 Nov 2; 273:144-152. doi:</p>	

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5. Hu W, Xie Q, Xiang H\*. Improved scFv Anti-LOX-1 Binding Activity by Fusion with LOX-1-Binding Peptides. *Biomed Res Int.* 2017; 2017:8946935. doi: 10.1155/2017/8946935.
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temperature and additives on the thermal stability of glucoamylase from *Aspergillus niger*. *J Microbiol Biotechnol.* 2015 25(1):33-43.

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- in the Bryophyte *Physcomitrella patens*. *Plant Cell*. 2007 19(10): 3058-79.
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