



您当前位置：网站首页 >> 师资队伍 >> 副教授

副教授

教授

副教授

讲师

兼职教授

专业技术人员

白芳副教授

2012-09-16 来源：南开大学药学院 浏览：3263次



姓名：白芳

研究方向：微生物与生化药物

E-mail: baifang1122@nankai.edu.cn

办公电话：86-22-23508371

通信地址：南开大学药学院 天津市卫津路94号, 300071

教师简介

1999年9月至2003年7月就读于吉林大学生命科学学院生物制药专业，2003年9月考入南开大学微生物学系攻读研究生，2008年7月获得理学博士学位后留校任教，主要从事微生物药物高通量筛选，基于结构基因或蛋白的药物分子设计等工作。先后主持南开大学青年教师研究资助项目、天津市自然科学基金、国家自然科学基金，并参与国家高技术研究发展计划(863计划)等项目。

代表性作品

1. Limei Ren, Xiaofang Cao, Peng Geng, **Fang Bai***, Gang Bai. Study of the inhibition of two human maltase-glucoamylases catalytic domains by different α -glucosidase inhibitors. *Carbohydrate Research*, 2011, 346: 2688-2692.
2. Peng Meng, Yuanqiang Guo, Qi Zhang, Jie Hou, **Fang Bai***, Peng Geng, Gang Bai. A novel amino-oligosaccharide isolated from the culture of *Streptomyces* strain PW638 is a potent inhibitor of α -amylase. *Carbohydrate Research*, 2011, 346: 1898-1902.
3. Xiaohong Qin, Limei Ren, Xue Yang, **Fang Bai**, Lele Wang, Peng Geng, Gang Bai, Yuequan Shen. Structures of human pancreatic α -amylase in complex with acarviostatins: Implications for drug design against type II diabetes. *Journal of Structural Biology*, 2011, 174: 196-202.
4. Limei Ren, Xiaohong Qin, Xiaofang Cao, Lele Wang, **Fang Bai**, Gang Bai, Yuequan Shen. Structural insight into substrate specificity of human intestinal maltase-glucoamylase. *Protein & Cell*, 2011, 2 (10): 827-836.
5. **Fang Bai**, Haijin Xu, Qi Zhang, Xizhen Qi, Rui Mou, Gang Bai, Mingqiang Qiao. Functional characterization of pfm in protein secretion and lung infection of *Pseudomonas aeruginosa*. *Canadian Journal of Microbiology*, 2011, 57: 829-837.
6. Rui Mou, **Fang Bai**, Qiaonan Duan, Xuehan Wang, Haijin Xu, Yanling Bai, Xiuming Zhang, Shouguang Jin, Mingqiang Qiao. Mutation of pfm affects the adherence of *Pseudomonas aeruginosa* to host cells and the quorum sensing system. *FEMS Microbiology Letters*, 2011, 324(2):173-80.

7. Peng Geng, Gang Bai, Xiansheng Meng, **Fang Bai**, Guoan Luo. Screening for metabolites of acarviostatin family aminooligosaccharides in rats using ultraperformance liquid chromatography coupled with electrospray ionization tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, 2009, 50: 917–923.
8. **Fang Bai**, Yingli Li, Haijing Xu, Huiming Xia, Tengfei Yin, Hongming Yao, Lu Zhang, Xiuming Zhang, Yanling Bai, Shouguang Jin and Mingqiang Qiao. Identification and functional characterization of *pfm*, a novel gene involved in swimming motility of *Pseudomonas aeruginosa*. *Gene*, 2007, 401: 19-27.

南开大学药学院

访问统计