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### 教师简介

1998年9月至2002年7月就读于南开大学生命科学学院微生物学系，2002年9月考入南开大学微生物学系攻读研究生，2007年6月获得理学博士学位后留校任教，主要从事药学、免疫学及分子生物学等研究，甘氨酸及其衍生物产业技术创新战略联盟专家委员。主持国家自然科学基金2项，天津市自然科学基金1项，横向基金1项；参加包括“973”、国家科技重大专项、国家自然科学基金、天津市科技支撑计划、天津市自然科学基金等在内的10余项自然科学基金项目。主要开展肿瘤糖蛋白相关研究、氨基酸类医药中间体的生物合成及病原微生物的检测技术开发以及微生物代谢产物药物和肽类药物的开发工作。共发表国内外学术论文及会议论文60余篇，其中SCI收录23篇；申请专利14项，授权2项，参编教材2部。

### 发表文章

- 1) Pang Pengwei, **Qi Zhang\***, Jie Hou, Fang Bai, Mei-rong Cao, Ting Sun, Qian Shi, Gang Bai. Cell surface glycoprotein profiling of cancer cells based on bioorthogonal chemistry, *Anal Bioanal Chem* (2012) 403(6):1661–1670(通讯作者)
- 2) Duan Jingjing, **Qi Zhang\***, Hongzhi Zhao, Jun Du, Fang Bai, Gang Bai. Cloning, expression, characterization and application of atcA, atcB and atcC from *Pseudomonas* sp. QR-101, *Biotechnology Letters*, (2012) 34:1101–1106 (通讯作者)
- 3) Peng Wei Pan, **Qi Zhang\***, Fang Bai, Jie Hou, and Gang Bai, Profiling and comparative analysis of glycoproteins in Hs578BST and Hs578T and investigation of prolyl 4-hydroxylase alpha polypeptide II expression and influence in breast cancer cells, *Biochemistry (Moscow)* 2012, 77 (5), 539-545 (通讯作者)
- 4) Jun Du, **Qi Zhang\***, Jingjing Duan, Chunqin Liu, Yangsheng Yu, Jie Hou, Fang Bai, Ning Chen, Gang Bai, Enzymatic synthesis of L-tryptophan from D,L-2-amino- $\Delta$ 2-thiazoline-4-carboxylic

acid and indole by *Pseudomonas* sp. TS1138 ATC hydrolase, S-carbamyl- L-cysteine amidohydrolase, and *Escherichia coli* L-tryptophanase, *Applied of Biochemistry and Microbiology*, 2012, 48(2):159-166 (通讯作者)

- 5) Li Ming, Yang Jie, Qu Han, **Qi Zhang\***, Fang Bai, Gang Bai. Novel Immobilization of Arginase I via Cellulose Binding Domain and Application in Producing of L-Ornithine, *Biotechnology Letters, Applied of Biochemistry and Microbiology* (Accepted)(通讯作者)
- 6) **Zhang Qi**, Wang Bin, Li Xia, Hou Jie, Fang Bai, Sun Dan, Bai Gang, Establishment and Application of Immunofluorescence Detection Method Depending on Click Chemistry, *Chemical Journal of Chinese Universities*, 2011, 32(2): 287-291
- 7) Jie Hou, **Qi Zhang**, Xia Li, Yu Tang, Fang Bai, Qian Shi, Mei-rong Cao, Cui-hong Yang, De-ling Kong, Gang Bai Synthesis of novel folate conjugated fluorescent nanoparticles for tumor imaging, *J Biomedical Materials Res, Part A* , 2011, 99 (4) 684-9
- 8) Cao Mei-Rong, Hou Jie, **Zhang Qi**, Fang Bai, Bai Gang, Hyaluronic Acid-Quantum Dot Conjugate for Tumor Imaging, *Chemical Journal of Chinese Universities*, 2012, 33(03): 437-441
- 9) 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  $\alpha$ -amylase, *Carbohydrate Research*, 2011, 346(13), 1898-1902
- 10) Fang Bai, Haijin Xu, **Qi Zhang**, Xizhen Qi, Rui Mou, Gang Bai, and Mingqiang Qiao, Functional characterization of pfm in protein secretion and lung infection of *Pseudomonas aeruginosa*, *Can. J. Microbiol.*, 2011, 57, 829-837
- 11) Yu Tang, **Qi Zhang**, Long Wang, Peng-Wei Pan, Gang Bai. Preparation of cellulose magnetic microspheres with “the smallest critical size” and their application for microbial immunocapture, *Langmuir*, 2010, 26 (13), 11266–11271
- 12) Zhihui Gao, **Qi Zhang\***, Yu Cao, Pengwei Pan, Fang Bai, Gang Bai, Preparation of novel magnetic cellulose microspheres via cellulose binding domain-streptavidin linkage and its use for the isolation of mRNA from eukaryotic cells and tissues, *Journal of Chromatography A*, 2009, 1216(45): 7670-7676(通讯作者)
- 13) Peng Geng, Gang Bai, Qian Shi, Lei Zhang, Zhihui Gao, **Qi Zhang**, Taxonomy of the *Streptomyces* strain ZG0656 that produces acarviostatin  $\alpha$ -amylase inhibitors and analysis of their effects on blood glucose levels in mammalian systems, *Journal of Applied Microbiology*, 2009, 106: 525–533
- 14) Zhihui Gao, Gang Bai, Jiaqi Chen, **Qi Zhang**, Pengwei Pan, Fang Bai, Peng Geng, Development, Characterization, and Evaluation of a Fusion Protein of a Novel Glucagon-like Peptide-1 (GLP-1) Analogue and Human Serum Albumin in *Pichia pastoris*, *Biosci. Biotechnol. Biochem.*, 2009, 73(3): 688-694
- 15) Wang Bin, Wang Shuai, Zhang Zhen-Xin, Yang Pin, Tian Ye, **Zhang Qi**, Bai Gang, Chen Ru-Yu, Alkynyl-Modified Naphthalimide: Synthesis, Crystal Structure and Fluorescence Spectrum, *Chinese Journal of Structural Chemistry*, 2009, 28(8):1008-1012
- 16) Qian Shi, Ze Liu, Yang Yang, Peng Geng, Yuan-yuan Zhu, **Qi Zhang**, Fang Bai, Gang Bai, Identification of anti-asthmatic compounds in *Pericarpium citri reticulatae* and evaluation of their synergistic effects, *Acta Pharmacol Sin*, 2009, 30(5): 567-567
- 17) Zhihui Gao, Yu Tang, Jiaqi Chen, Ru Bai, **Qi Zhang**, Yuanyuan Hou, Yaxin Lu, Gang Bai, A novel DPP-IV-resistant analog of glucagon-like peptide-1 (GLP-1): KGLP-1 alone or in combination with long-acting PLGA microspheres, peptide, 2009, 30: 1874–1881
- 18) Gang Bai, Yang Yang, Qian Shi, Ze Liu, **Qi Zhang**, Yuan-yuan Zhu, Identification of higenamine in *Radix Aconiti Lateralis Preparata* as a beta2-adrenergic receptor agonist, *Acta Pharmacol Sin*, 2008, 29 (10): 1187–1194

- 19) **Qi Zhang**, Gang Bai, Jiaqi Chen, *et al.* Identification of antiviral mimetic peptides with interferon  $\alpha$ -2b like activity from a random peptide library using a novel functional bio-panning method. *Acta Pharmacologica Sinica*, 2008, 29(5): 634-640
- 20) **Zhang Qi**, Bai Gang, Li Haiyan, *et al.* The Pathogenic Cellulase Assay of the Pine Wilt Disease and the Immunological Localization, *Biosci. Biotechnol. Biochem.*, 2006, 70(11): 2727-2732
- 21) **Zhang Qi**, Bai Gang, Chen Jiaqi, *et al.* Use of an Enhanced Green Fluorescence Protein linked to a Single Chain Fragment Variable Antibody to Localize *Bursaphelenchus xylophilus* Cellulase, *Biosci. Biotechnol. Biochem.*, 2007, 71 (6): 1514-1520
- 22) Cao Yu, **Zhang Qi**, Wang Chao, *et al.* Preparation of novel immunomagnetic cellulose microspheres via CBD-protein A linkage and its use for the isolation of interferon alpha-2b, *Journal of Chromatography A*, 2007, 1149(2): 228-235
- 23) Jiaqi Chen, Gang Bai, Yu Cao, Zhihui Gao, **Qi Zhang**, *et al.* One-Step Purification of a Fusion Protein of Glucagon-Like Peptide-1 and Human Serum Albumin Expressed in *Pichia pastoris* by an Immunomagnetic Separation Technique, *Biosci. Biotechnol. Biochem.*, 2007, 71(11): 2655-2662

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