

教师简介

姓名	毕毅	出生年月	1980.04	政治面貌	中共党员	
毕业院校	中国药科大学		最高学位	博士		
来校时间	2007.07		职称/职务	教授/副院长		
联系电话	0535-6706285		邮箱	biyi@ytu.edu.cn		
个人学习及工作经历	1998.9-2002.7 中国药科大学国家基础药理学理科基地班，学士 2002.9-2007.7 中国药科大学药物化学直博研究生，博士 2015.9-2016.9 芝加哥大学普利兹克医学院，访问学者 2007.7-至今 烟台大学药学院药物化学教研室，讲师，副教授，教授，硕导，博导					
学术兼职	《中国化学快报》青年编委					
近五年主持（或参与）教学、科研项目	1. Ocotillol 型 C-24 差向异构体分子探针化学构建及抗 MRSA 作用机制研究（81773563），国家自然科学基金面上项目 2.“肿瘤多药耐药逆转活性天然产物”山东省高等学校青创科技计划创新团队（20202020KJM003） 3.具有抗肿瘤活性的夫西地酸衍生物的设计合成与初步成药性研究（2019GSF108177），山东省重点研发计划项目 4.奥克梯隆型皂苷元结构类似物的设计合成、抗菌活性研究及机制初探（ZR2015HQ007），山东省自然科学基金 5.手性 ocotillol 型人参皂苷衍生物的合成及其抗心肌缺血作用构效关系的研究（81001358）国家自然科学基金					
近五年教学、科研获奖及专利	获奖： 2020 年山东省硕士研究生优势论文指导教师 2019 年山东省教育系统优秀共产党员 2018 年山东省第八届高等教育教学成果奖一等奖，二等奖 2017 年第四届山东省高校青年教师教学比赛二等奖 2014 年山东省高等教育教学成果二等奖 2015 年山东省优秀学士学位论文指导教师 授权专利： 1.具有抗菌活性的(20S, 24R)-ocotillol 型人参皂苷类衍生物、其制备方法及应用,ZL201210433920.3 2.一类结构新颖的达玛烷型皂苷衍生物、其制备方法及应用,ZL 201310015022.0 3.具有肿瘤耐药逆转活性的α-常春藤皂苷元衍生物及其制备方法和应用, ZL201710065183.9 4.一种α-常春藤皂苷元衍生物及其制备方法和应用,ZL201610607760.8 5.夫西地酸衍生物及其合成制备方法和应用, ZL 2018 1 0504437.7 6.具有抗肿瘤活性的夫西地酸衍生物及其合成制备方法, ZL2018 1 1105318.0 7.氨基取代的夫西地酸衍生物在制备抗真菌药物中的应用, ZL2018 1 1479612.8 8.一类夫西地酸衍生物制备抗肿瘤药物的用途, ZL2018 1 1112283.3					

近五年已发表的
代表性论著

1. Binghua Wang , Shuqi Liu , Wentao Huang, Mengxin Ma, Xiaoqian Chen, Wenxuan Zeng, Kaicheng Liang, Hongbo Wang*, Yi Bi*, Xiaopeng Li. Design, synthesis, and biological evaluation of hederagenin derivatives with improved aqueous solubility and tumor resistance reversal activity. *European Journal of Medicinal Chemistry*, **2021**, 211, 103107.
2. Yucheng Cao#, Kaiyi Wang#, Si Xu, Lingtan Kong, Yi Bi*, Xiaopeng Li. Recent Advances in the Semisynthesis, Modifications and Biological Activities of Ocotillol-Type Triterpenoids. *Molecules*, **2020**, 25(23), 5562.
3. Yucheng Cao, Jingxuan , Wentao Ji, Kangle Shang, Kaicheng Liang, Jing Lu*, **Yi Bi***, Xiaomin Luo. Synthesis, antifungal activity and potential mechanism of fusidic acid derivatives possessing amino-terminal groups. *Future Medicinal Chemistry*, **2020**, 12(9), 763-774.
4. Mengqi Guo, Qianwen Ren, Binghua Wang, Wentao Ji, Jingxuan Ni, Yaqi Feng, **Yi Bi***, Jingwei Tian, Hongbo Wang*. Discovery and synthesis of 3- and 21-substituted fusidic acid derivatives as reversal agents of P-glycoprotein-mediated multidrug resistance. *European Journal of Medicinal Chemistry*, **2019**, 182, 111668.
5. Jing Lu*, Jing-Xuan Ni, Jin-An Wang, Ze-Yun Liu, Kang-Le Shang, **Yi Bi***. Integration of multiscale molecular modeling approaches with the design and discovery of fusidic acid derivatives. *Future Medicinal Chemistry*, **2019**, 11(12), 1427-1442.
6. Jingxuan Ni, Mengqi Guo, Yucheng Cao, Lei Lei, Kangli Liu, Binghua Wang, Fangfang Lu, Rong Zha, Xiangwei Gao, Chunhong Yan, Hongbo Wang*, **Yi Bi***. Discovery, synthesis of novel fusidic acid derivatives possessed amino-terminal groups at the 3-hydroxyl position with anticancer activity. *European Journal of Medicinal Chemistry*, **2019**, 162, 122-131.
7. Xiao Wang, Qian-wen Ren, Xian-xuan Liu, Yan-ting Yang, Bing-hua Wang, Rong Zha, Jia Grace Qi, Jing-wei Tian*, Hong-bo Wang*, **Yi Bi***. Synthesis and biological evaluation of novel H6 analogues as drug resistance reversal agents. *European Journal of Medicinal Chemistry*, **2019**, 161, 364-377.
8. Kai-Yi Wang, Zhi-Wen Zhou, Heng-Yuan Zhang, Yu-Cheng Cao, Jin-Yi Xu, Cong Ma, Qing-Guo Meng*, **Yi Bi***. Design, Synthesis and Antibacterial Evaluation of 3-Substituted Ocotillol-Type Derivatives. *Molecules*, **2018**, 23, 3320.
9. Yanting Yang, Daokun Guan, Lei Lei, Jing Lu, Jia Qi Liu, Gangqiang Yang, Chunhong Yan, Rong Zhai, Jingwei Tian, **Yi Bi***, Fenghua Fu, Hongbo Wang*. H6, a novel hederagenin derivative, reverses multidrug resistance in vitro and in vivo. *Toxicology and Applied Pharmacology*, **2018**, 341, 98-105.
10. Xian-xuan Liu, Yan-ting Yang, Xiao Wang, Kai-yi Wang, Jia-qi Liu, Lei Lei, Xiao-min Luo, Rong Zhai , Feng-hua Fu, Hong-bo Wang*, **Yi Bi***. Design, synthesis and biological evaluation of novel α -hederagenin derivatives with anticancer activity. *European Journal of Medicinal Chemistry*, **2017**, 141, 427-439.
11. **Yi Bi**, Xianxuan Liu, Hengyuan Zhang, Xiao Yang, Zeyun Liu, Jing Lu, Peter John Lewis, Chongzhi Wang, Jinyi Xu, Qingguo Meng, Cong Ma, Chunsu Yuan. Synthesis and Antibacterial Evaluation of Novel 3-Substituted Ocotillol-Type Derivatives as Leads. *Molecules*, **2017**, 22, 590.
12. Ze-Yun Liu, Heng-Yuan Zhang, **Yi Bi***, Xian-Xuan Liu, Jing Lu, Xiao-Chen Zhang, Jin-Yi Xub, Chong-Zhi Wang and Chun-Su Yuan. Design and synthesis of 28-hydroxy protopanaxadiol as a novel probe template. *Natural Product Research*, **2017**, 18, 15.