唐红进
博士，副教授，硕士研究生导师
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教育背景

2014.09-2017.06　中国药科大学　生药学　博士
2011.09-2014.06　暨南大学　药物化学　硕士
2007.09-2011.06　皖南医学院　药学　学士

科研方向

中药及天然产物活性成分发现与优化
基于特定生物靶点的新型小分子探针的合成与应用

科研项目

1. 安徽省自然科学基金青年项目/新型 2-芳基噁唑类黄嘌呤氧化酶抑制剂的设计、合成及构效关系研究（1908085QH346），主持
2. 安徽省高等学校自然科学研究重点项目/新型α-葡萄糖苷酶/PTP1B 双靶点抑制剂的设计、合成及构效关系研究（KJ2019A0152），主持
3. 芜湖市科技计划项目/新型 AchE 抑制剂的设计、合成及生物活性研究（2021jc2-8），主持
4. 2020 年安徽工程大学“中青年拔尖人才”培养计划项目，主持

讲授课程

本科生：药物化学、药物设计、药物分析、
研究生：天然药物化学、高等有机波谱解析

获奖情况

1. 2021 年安徽省大学生生命科学竞赛——二等奖，黄酮类化合物-Cu^{2+}复合物与 BSA 相互作用机制研究。2021.11，指导教师。
2. 2021 年安徽省大学生生命科学竞赛——二等奖，金属离子介导下的黄酮类化合物与 BSA 相互作用机制分析。2021.11，指导教师。
3. 2021 年安徽省大学生生物标本制作大赛——二等奖，《百年荣光》，2021.11，指导教师。
4. 2019 年安徽省生命科学竞赛——二等奖，发酵法生产腺苷的研究进展，

2019.10，指导教师。

5. 2018 年安徽省大学生生物标本制作大赛——二等奖，《文化自信—纸墨诗画，悠悠我心》，2018.11，指导教师。

近年发表论文

[1] Zhao J, Huang L, Li RJ, Zhao ZW, Chen J, **Tang HJ**. Multispectroscopic and computational evaluation of the binding of flavonoids with bovine serum albumin in the presence of Cu^{2+}. *Food Chemistry*, 2022, 385, 132656.

[2] Zhao J, Huang L, Li RJ, Zhao ZW, Chen J, **Tang HJ**. Insights from multi-spectroscopic analysis and molecular modeling to understand the structure-affinity relationship and interaction mechanism of flavonoids with gliadin. *Food & Function*, 2022, 13, 5061–5074.

[3] Li RJ, Huang L, Zhang ZW, Chen J, **Tang HJ**. Integrated multispectroscopic analysis and molecular docking analyses of the structure-affinity relationship and mechanism of the interaction of flavonoids with zein. *Food Chemistry*, 2022, 386, 132839.

[4] **Tang HJ**, Huang L, Sun CY, Zhao DS. Exploring the structure-activity relationship and interaction mechanism of flavonoids and alpha-glucosidase based on experimental analysis and molecular docking studies. *Food & Function*, 2020, 11, 3332–3350.

[5] Zhao J, Huang L, Sun CY, Zhao DS, **Tang HJ**. Studies on the structure-activity relationship and interaction mechanism of flavonoids and xanthine oxidase through enzyme kinetics, spectroscopy methods and molecular simulations. *Food Chemistry*, 2020, 323, 126807.

[6] **Tang HJ**, Huang L, Zhao DS, Sun CY, Song P. Interaction mechanism of flavonoids on bovine serum albumin: Insights from molecular property-binding affinity relationship. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2020, 239, 118519.

[7] **Tang HJ**, Song P, Li J, Zhao DS. Effect of *Salvia miltiorrhiza* on acetylcholinesterase: enzyme kinetics and interaction mechanism merging with molecular docking analysis. *International Journal of Biological Macromolecules*, 2019, 135, 303–313.

[8] **Tang HJ**, Zhao DS. Studies of febuxostat analogues as xanthine oxidase inhibitors through 3D-QSAR, Topomer CoMFA and molecular modeling. *Journal of the Iranian Chemical Society*, 2019, 16, 2659–2671.

[9] **Tang HJ**, Zhao DS, Xue ZL. Exploring the interaction between *Salvia miltiorrhiza* and α-glucosidase: Insights from computational analysis and experimental studies. *RSC Advances*, 2018, 8, 24701–24710.

[10] **Tang HJ**, Li W, Zhou M, Peng LY, Wang JX, Li JH, Chen J. Design, synthesis and biological evaluation of novel xanthine oxidase inhibitors bearing a 2-arylbenzo[*b*]furan scaffold. *European Journal of Medicinal Chemistry*, 2018, 151, 849–860.