

Stanford

Yanxian Zhang

Postdoctoral Scholar, Endocrinology and Metabolism

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Akron (2021)
- Master of Science, University of Science and Technology Beijing (2017)

STANFORD ADVISORS

- Danny Chou, Postdoctoral Faculty Sponsor

LINKS

- Google Scholar: https://scholar.google.com/citations?hl=en&user=BbghmrEAAAAJ&view_op=list_works&sortby=pubdate

Publications

PUBLICATIONS

- **Antimicrobial alpha-defensins as multi-target inhibitors against amyloid formation and microbial infection** *CHEMICAL SCIENCE*
Zhang, Y., Liu, Y., Tang, Y., Zhang, D., He, H., Wu, J., Zheng, J.
2021; 12 (26): 9124-9139
- **Design and Engineering of Amyloid Aggregation-Prone Fragments and Their Antimicrobial Conjugates with Multi-Target Functionality** *ADVANCED FUNCTIONAL MATERIALS*
Zhang, Y., Tang, Y., Liu, Y., Zhang, D., Zheng, J.
2021; 31 (32)
- **Dual amyloid cross-seeding reveals steric zipper-facilitated fibrillization and pathological links between protein misfolding diseases** *JOURNAL OF MATERIALS CHEMISTRY B*
Zhang, Y., Zhang, M., Liu, Y., Zhang, D., Tang, Y., Ren, B., Zheng, J.
2021; 9 (15): 3300-3316
- **Design principles and fundamental understanding of biosensors for amyloid-beta detection** *JOURNAL OF MATERIALS CHEMISTRY B*
Zhang, Y., Ren, B., Zhang, D., Liu, Y., Zhang, M., Zhao, C., Zheng, J.
2020; 8 (29): 6179-6196