

1997 年，在中国科学技术大学获生物学学士学位，并获化学物理学辅修学位，论文导师：刘海燕教授、施蕴渝院士。1999 年，在普林斯顿大学化学系获硕士学位。2001 年，在普林斯顿大学化学系获博士学位，是施一公院士培养的的第一个博士。2001-2003 年，在 Memorial Sloan Kettering 癌症中心做博士后，师从 Nikola Pavletich 院士。2003-2008 年在哈佛大学医学院附属儿童医院做博士后，师从贺熹教授。2008 年任上海交通大学教授，独立建立了上海交通大学第一个结构生物学实验室。2019 年承办了第六届华东地区结构生物学会会议。现为上海生物物理学会理事。

目前主要研究领域为合成生物学与生物物理化学，研究方向包括细胞生命重构、拟蛋白质设计、蛋白质类抗癌药物开发、蛋白质设计、与癌症相关的蛋白质机器的冷冻电镜结构等。

在 *Science*、*Nature*、*Nature Microbiology*、*Nature Communications* (3 篇)、*Molecular Cell* (2 篇)、*Cell Research*、*Nucleic Acids Research*、*Journal of Molecular Cell Biology*、*Cell Discovery* (3 篇)、*mBio*、*Molecular Microbiology* (2 篇) 等发表第一作者获通讯作者论文，被引用 2500 余次。APC-Asef 复合物结构论文被英国皇家学会院士 Mariann Bienz 选入生物医药类论文权威数据库 Faculty of 1000，并在此基础上与同事合作开发抑制结肠癌细胞迁移的化合物 (*Nature Chemical Biology*, 2017)。获教育部自然科学一等奖 (2016)、新世纪优秀人才 (2009)、上海东方学者 (2008)、东方学者跟踪计划 (2014)、上海曙光学者 (2008)、浦江人才 (2009)。指导学生获上海市优秀博士论文 (2014)。

#### 代表性论文：

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  11. **Wu G<sup>#</sup>**, Chen D<sup>#</sup>, Tang H<sup>#</sup>, Ren Y, Chen Q, Lv Y, Zhang Z, Zhao YL\*, Yao Y, Xu P\*. Structural insights into the specific recognition of N-heterocycle biodenitrogenation-derived substrates by microbial amide hydrolases. *Molecular Microbiology* 91:1009-1021. (2014, 第一作者)
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