



Haitoa Zhang

Dr. Zhang is a professor in pharmacology at the College of Pharmaceutical Sciences, and the director of the Center for Precision Drug Target, Hangzhou Institute of Innovative Medicine, Zhejiang University, China.

Dr. Zhang received his Ph.D. in Pharmacology from Shanghai Institute of Materia Medica, Chinese Academy of Sciences, supervised by Prof. Hualiang Jiang and Prof. Xu Shen, for the drug discovery based on the structural and chemical biology. Then he performed postdoctoral research supervised by Prof. Raymond Stevens and Prof. Vadim Cherezov at the Scripps Research Institute and University of Southern California, by serial femtosecond crystallography using X-ray Free Electron Laser (XFEL). Now Zhang lab focuses on the drug discovery targeting the G protein-coupled receptors (GPCRs) - the largest family for signal transduction and drug targets, by applying chemical biology, structural biology, computation biology and cell biology approaches. His work on the structure-function investigation and structure-based drug design for the human Angiotensin II type 1 and 2 receptors using X-ray free electron laser (XFEL) were published in Cell and Nature.

