

Dr. Tao Li is the Director of the Laboratory of Mitochondria and Metabolism at West China Hospital, Sichuan University. He earned his Ph.D. in Anesthetic Pharmacology from the West China School of Medicine in 2009. Between 2014 and 2016, he served as a visiting scholar at the University of Washington, working under the mentorship of Dr. Rong Tian. His research primarily explores the role of mitochondria and metabolism in the development of cardiovascular diseases, particularly heart failure with preserved ejection fraction (HFpEF). His work employs a combination of molecular and genetic strategies alongside advanced biochemical techniques, including ^{13}C NMR spectroscopy, Seahorse mitochondrial analysis, and multiomics methodologies (transcriptomics, proteomics, metabolomics). Through these approaches, he aims to identify specific regulators that can enhance cardiac energy metabolism and provide therapeutic targets for combating heart diseases.