

Biography

Dr Lan Wang studied chemistry as an undergraduate student at Tsinghua University. Fascinated by molecular mechanisms, she went on to study the mechanism of DNA repair at Harvard with Professor Gregory Verdine. Upon completion of her Ph.D. at Harvard, Lan went on to join Professor Peter Walter's lab at UCSF, where she made a series of discoveries on different aspects of cellular protein homeostasis. Lan's postdoctoral work earned her a few recognitions and awards including the Damon Runyon Cancer Research Foundation Fellowship Award and the UCSF PBBR Postdoc Independent Research Award. In her independent lab at HKUST, Lan studies the molecular mechanisms of key pathways regulating mitochondrial protein homeostasis. Lan has recently received the Croucher Innovation Award to fund her lab's research at HKUST.



Research Areas

- Molecular mechanism of mitochondrial protein quality control
- Protein Translation
- Host-pathogen interaction
- Macromolecular structure

Awards and Honors

- 2023 Croucher Tak Wah Mak Innovation Award, Croucher Foundation, Hong Kong
- 2020-2021 Award for Postdoctoral Independent Research, Program for Breakthrough Biomedical Research, UCSF
- 2017-2021 Damon Runyon Cancer Research Foundation fellowship
- 2019 Berkelhammer Postdoc Travel Award, UCSF
- 2019 *Traffic* Young Investigator, *Traffic* journal
- 2019 Best talk given by a postdoc, Gordon Research Conference on Molecular Membrane Biology