Stanford



Ao Wang

Postdoctoral Scholar, Hematology-Oncology

Bio

PROFESSIONAL EDUCATION

- Ph.D., University of Wisconsin-Madison , Pharmaceutical Sciences (2024)
- B.S., Tianjin University , Structural biology, biochemistry (2018)

STANFORD ADVISORS

- Kara Davis, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Uridine Metabolism as a Targetable Metabolic Achilles' Heel for chemo-resistant B-ALL.** *bioRxiv : the preprint server for biology*
  Liu, Y., Jiang, H., Liu, J., Stuani, L., Merchant, M., Jager, A., Koladiya, A., Chang, T. C., Domizi, P., Sarno, J., Keyes, T., Jedoui, D., Wang, et al
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- **OGA mutant aberrantly hydrolyzes O-GlcNAc modification from PDLIM7 to modulate p53 and cytoskeleton in promoting cancer cell malignancy.** *Proceedings of the National Academy of Sciences of the United States of America*
  Hu, C. W., Wang, A., Fan, D., Worth, M., Chen, Z., Huang, J., Xie, J., Macdonald, J., Li, L., Jiang, J.
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- **Motif-dependent binding on the intervening domain regulates O-GlcNAc transferase.** *Nature chemical biology*
  Blankenship, C. M., Xie, J., Benz, C., Wang, A., Ivarsson, Y., Jiang, J.
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- **Elucidating the protein substrate recognition of O-GlcNAc transferase (OGT) toward O-GlcNAcase (OGA) using a GlcNAc electrophilic probe.** *International journal of biological macromolecules*
  Kositzke, A., Fan, D., Wang, A., Li, H., Worth, M., Jiang, J.
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- **Targeted covalent inhibition of O-GlcNAc transferase in cells.** *Chemical communications (Cambridge, England)*
  Worth, M., Hu, C. W., Li, H., Fan, D., Estevez, A., Zhu, D., Wang, A., Jiang, J.
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