



Xijun Zhu

Ph.D. Student in Chemistry, admitted Summer 2021

Publications

PUBLICATIONS

- **Activating p53Y220C with a mutant-specific small molecule.** *Nature communications*
Zhu, X., Byun, W. S., Pieńkowska, D. E., Nguyen, K. T., Wang, M., Nettles, S. A., Gourisankar, S., Phillips, N. A., Gerhartz, J., Geng, Q., Qiu, T., Zhong, J., Jiang, et al
2026
- **Mechanistic influence of pH, lipid composition, and small molecule inhibitors on dengue virus membrane fusion**
Walker, A., Kimm, M., Anika, T., Linden, B., Criswell, C. J., Zhu, X., Yang, P. L., Rawle, R. J.
CELL PRESS.2026: 185a
- **Rational Design of CDK12/13 and BRD4 Molecular Glue Degraders.** *Angewandte Chemie (International ed. in English)*
Gray, N. S., Zhuang, Z., Byun, W. S., Kozicka, Z., Donovan, K., Dwyer, B., Thornhill, A., Jones, H., Jiang, Z., Zhu, X., Fischer, E., Thomä, N.
2025: e202508427
- **Activating p53Y220C with a Mutant-Specific Small Molecule.** *bioRxiv : the preprint server for biology*
Zhu, X., Byun, W. S., Pieńkowska, D. E., Nguyen, K. T., Gerhartz, J., Geng, Q., Qiu, T., Zhong, J., Jiang, Z., Wang, M., Sarott, R. C., Hinshaw, S. M., Zhang, et al
2024
- **Proteomics-Based Discovery of First-in-Class Chemical Probes for Programmed Cell Death Protein 2 (PDCD2).** *Angewandte Chemie (International ed. in English)*
Ji, W., Byun, W. S., Lu, W., Zhu, X., Donovan, K. A., Dwyer, B., Che, J., Yuan, L., Abulaiti, X., Corsello, S. M., Fischer, E. S., Zhang, T., Gray, et al
2023: e202308292
- **Structure-Based Design of Y-Shaped Covalent TEAD Inhibitors.** *Journal of medicinal chemistry*
Lu, W., Fan, M., Ji, W., Tse, J., You, I., Ficarro, S. B., Tavares, I., Che, J., Kim, A. Y., Zhu, X., Boghossian, A., Rees, M. G., Ronan, et al
2023