

Zixuan Jiang

Ph.D. Student in Chemistry, admitted Autumn 2022

Publications

PUBLICATIONS

- **Discovery of BRD9 Molecular Glue Degraders That Spare Cardiomyocytes.** *Journal of the American Chemical Society*
Byun, W. S., Zhuang, Z., Hnatiuk, A. P., Jin, C., Jiang, Z., Baek, K., Chao, E., Donovan, K. A., Fischer, E. S., Mercola, M., Gray, N. S.
2025
- **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
- **Development of Potent and Selective CK1 α Molecular Glue Degraders.** *Journal of medicinal chemistry*
Geng, Q., Jiang, Z., Byun, W. S., Donovan, K. A., Zhuang, Z., Jiang, F., Jones, H. M., Razumkov, H., Tang, M. T., Sarott, R. C., Fischer, E. S., Corsello, S. M., Hinshaw, et al
2025
- **Discovery of CRBN-Dependent WEE1 Molecular Glue Degraders from a Multicomponent Combinatorial Library.** *Journal of the American Chemical Society*
Razumkov, H., Jiang, Z., Baek, K., You, I., Geng, Q., Donovan, K. A., Tang, M. T., Metivier, R. J., Mageed, N., Seo, P., Li, Z., Byun, W. S., Hinshaw, et al
2024
- **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
- **Discovery of electrophilic degraders that exploit SNAr chemistry.** *bioRxiv : the preprint server for biology*
Zhuang, Z., Byun, W. S., Kozicka, Z., Dwyer, B. G., Donovan, K. A., Jiang, Z., Jones, H. M., Abeja, D. M., Nix, M. N., Zhong, J., Ślabicki, M., Fischer, E. S., Ebert, et al
2024
- **Discovery of Potent Degraders of the Dengue Virus Envelope Protein.** *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*
Li, Z., Liu, H. Y., He, Z., Chakravarty, A., Golden, R. P., Jiang, Z., You, I., Yue, H., Donovan, K. A., Du, G., Che, J., Tse, J., Che, et al
2024: e2405829
- **Discovery of bivalent small molecule degraders of cyclin-dependent kinase 7 (CDK7).** *European journal of medicinal chemistry*
Ji, W., Du, G., Jiang, J., Lu, W., Mills, C. E., Yuan, L., Jiang, F., He, Z., Bradshaw, G. A., Chung, M., Jiang, Z., Byun, W. S., Hinshaw, et al
2024; 276: 116613
- **Discovery of Potent Degraders of the Dengue Virus Envelope Protein.** *bioRxiv : the preprint server for biology*
Li, Z., Liu, H. Y., He, Z., Chakravarty, A., Golden, R. P., Jiang, Z., You, I., Yue, H., Donovan, K. A., Du, G., Che, J., Tse, J., Che, et al
2024