



Xiaowei Zhang

- Ph.D. Student in Bioengineering, admitted Summer 2021
- Masters Student in Bioengineering, admitted Spring 2022

Publications

PUBLICATIONS

- **Sensitive bacterial Vm sensors revealed the excitability of bacterial Vm and its role in antibiotic tolerance.** *Proceedings of the National Academy of Sciences of the United States of America*
Jin, X., Zhang, X., Ding, X., Tian, T., Tseng, C. K., Luo, X., Chen, X., Lo, C. J., Leake, M. C., Bai, F.
2023; 120 (3): e2208348120
- **Multiplexed genome regulation in vivo with hyper-efficient Cas12a.** *Nature cell biology*
Guo, L. Y., Bian, J., Davis, A. E., Liu, P., Kempton, H. R., Zhang, X., Chemparathy, A., Gu, B., Lin, X., Rane, D. A., Xu, X., Jamiolkowski, R. M., Hu, et al
2022
- **Membraneless organelles formed by liquid-liquid phase separation increase bacterial fitness.** *Science advances*
Jin, X., Lee, J. E., Schaefer, C., Luo, X., Wollman, A. J., Payne-Dwyer, A. L., Tian, T., Zhang, X., Chen, X., Li, Y., McLeish, T. C., Leake, M. C., Bai, et al
2021; 7 (43): eabh2929