



Crystal Chen

Ph.D. Student in Chemical Engineering, admitted Autumn 2020

Bio

HONORS AND AWARDS

- GRFP, NSF (2020-present)

EDUCATION AND CERTIFICATIONS

- B.S., Massachusetts Institute of Technology , Chemical-Biological Engineering (2020)

Publications

PUBLICATIONS

- **High-resolution dynamic imaging of chromatin DNA communication using Oligo-LiveFISH.** *Cell*
Zhu, Y., Balaji, A., Han, M., Andronov, L., Roy, A. R., Wei, Z., Chen, C., Miles, L., Cai, S., Gu, Z., Tse, A., Yu, B. C., Uenaka, et al
2025
- **Precision Transcriptome Editing.** *ACS synthetic biology*
Chen, C., Qi, L. S.
2024
- **A versatile CRISPR-Cas13d platform for multiplexed transcriptomic regulation and metabolic engineering in primary human T cells.** *Cell*
Tieu, V., Sotillo, E., Bjelajac, J. R., Chen, C., Malipatlolla, M., Guerrero, J. A., Xu, P., Quinn, P. J., Fisher, C., Klysz, D., Mackall, C. L., Qi, L. S.
2024
- **Development of a Quorum-Sensing Based Circuit for Control of Coculture Population Composition in a Naringenin Production System.** *ACS synthetic biology*
Dinh, C. V., Chen, X., Prather, K. L.
2020; 9 (3): 590-597
- **General Method for the Identification of Crystal Faces Using Raman Spectroscopy Combined with Machine Learning and Application to the Epitaxial Growth of Acetaminophen.** *Langmuir : the ACS journal of surfaces and colloids*
Wijethunga, T. K., Stojaković, J., Bellucci, M. A., Chen, X., Myerson, A. S., Trout, B. L.
2018; 34 (33): 9836-9846