

Xinyi Chen

Ph.D. Student in Bioengineering, admitted Autumn 2020

Bio

INSTITUTE AFFILIATIONS

- Member (Student), Cardiovascular Institute

Publications

PUBLICATIONS

- **Programmable macromolecule delivery via engineered trogocytosis.** *bioRxiv : the preprint server for biology*
Chen, X., Situ, Y., Yang, Y., Fu, M. L., Lyu, L., Qi, L. S.
2025
- **Genome-wide distribution of 5-hydroxymethyluracil and chromatin accessibility in the *Breviolum minutum* genome.** *Genome biology*
Marinov, G. K., Chen, X., Swaffer, M. P., Xiang, T., Grossman, A. R., Greenleaf, W. J.
2024; 25 (1): 115
- **Genome-wide distribution of 5-hydroxymethyluracil and chromatin accessibility in the *Breviolum minutum* genome.** *bioRxiv : the preprint server for biology*
Marinov, G. K., Chen, X., Swaffer, M. P., Xiang, T., Grossman, A. R., Greenleaf, W. J.
2023
- **Stable expression of large transgenes via the knock-in of an integrase-deficient lentivirus.** *Nature biomedical engineering*
Chavez, M., Rane, D. A., Chen, X., Qi, L. S.
2023
- **Advances in CRISPR therapeutics.** *Nature reviews. Nephrology*
Chavez, M., Chen, X., Finn, P. B., Qi, L. S.
2022
- **Broad-spectrum CRISPR-mediated inhibition of SARS-CoV-2 variants and endemic coronaviruses in vitro.** *Nature communications*
Zeng, L., Liu, Y., Nguyenla, X. H., Abbott, T. R., Han, M., Zhu, Y., Chemparathy, A., Lin, X., Chen, X., Wang, H., Rane, D. A., Spatz, J. M., Jain, et al
2022; 13 (1): 2766
- **The chromatin organization of a chlorarachniophyte nucleomorph genome.** *Genome biology*
Marinov, G. K., Chen, X., Wu, T., He, C., Grossman, A. R., Kundaje, A., Greenleaf, W. J.
2022; 23 (1): 65