

## EJ Fine

Ph.D. Student in Bioengineering, admitted Autumn 2023

### Publications

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#### PUBLICATIONS

- **Structure of mitochondrial pyruvate carrier and its inhibition mechanism** *NATURE*  
He, Z., Zhang, J., Xu, Y., Fine, E. J., Suomivuori, C., Dror, R. O., Feng, L.  
2025
- **Interactive computational and experimental approaches improve the sensitivity of periplasmic binding protein-based nicotine biosensors for measurements in biofluids.** *bioRxiv : the preprint server for biology*  
Haloi, N., Huang, S., Nichols, A. L., Fine, E. J., Friesenhahn, N. J., Marotta, C. B., Dougherty, D. A., Lindahl, E., Howard, R. J., Mayo, S. L., Lester, H. A.  
2024
- **Structural insights into binding of therapeutic channel blockers in NMDA receptors** *NATURE STRUCTURAL & MOLECULAR BIOLOGY*  
Chou, T., Epstein, M., Michalski, K., Fine, E., Biggin, P. C., Furukawa, H.  
2022; 29 (6): 507-+