



## Yilin Xie

Postdoctoral Scholar, Pathology

### Bio

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#### STANFORD ADVISORS

- Stephen Montgomery, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **The Long Non-coding RNA Landscape of Endurance Exercise Training.** *Molecular metabolism*  
Bonilauri, B., Smith, G. R., Raja, A. N., Jimenez-Morales, D., Ahmed, A., Jin, C., Sparks, L. M., Walsh, M. J., Montgomery, S. B., Bodine, S. C., Ashley, E. A., Lindholm, M. E.  
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- **Mapping the regulatory effects of common and rare non-coding variants across cellular and developmental contexts in the brain and heart.** *bioRxiv : the preprint server for biology*  
Marderstein, A. R., Kundu, S., Padhi, E. M., Deshpande, S., Wang, A., Robb, E., Sun, Y., Yun, C. M., Pomales-Matos, D., Xie, Y., Nachun, D., Jessa, S., Kundaje, et al  
2025
- **Single-cell multi-omics map of human fetal blood in Down syndrome.** *Nature*  
Marderstein, A. R., De Zuani, M., Moeller, R., Bezney, J., Padhi, E. M., Wong, S., Coorens, T. H., Xie, Y., Xue, H., Montgomery, S. B., Cvejic, A.  
2024
- **Centromere repositioning and shifts in wheat evolution** *PLANT COMMUNICATIONS*  
Zhao, J., Xie, Y., Kong, C., Lu, Z., Jia, H., Ma, Z., Zhang, Y., Cui, D., Ru, Z., Wang, Y., Appels, R., Jia, J., Zhang, et al  
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- **Enhancer transcription detected in the nascent transcriptomic landscape of bread wheat** *GENOME BIOLOGY*  
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- **Homology-mediated inter-chromosomal interactions in hexaploid wheat lead to specific subgenome territories following polyploidization and introgression** *GENOME BIOLOGY*  
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