

# Stanford

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## Jeonghye Yu

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### Bio

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#### STANFORD ADVISORS

- Steven Banik, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Optogenetic storage and release of protein and mRNA in live cells and animals.** *Nature communications*  
Lee, C., Yu, J., Shin, J., Yu, J., Heo, Y., Lee, M., Yu, D., Park, Y., Heo, W. D.  
2025; 16 (1): 6230
- **Targeting pseudoknots with Cas13b inhibits porcine epidemic diarrhoea virus replication.** *The Journal of general virology*  
Han, H., Yu, D., Yu, J., Kim, J., Do Heo, W., Tark, D., Kang, S.  
2025; 106 (2)
- **Programmable RNA base editing with photoactivatable CRISPR-Cas13.** *Nature communications*  
Yu, J., Shin, J., Yu, J., Kim, J., Yu, D., Heo, W. D.  
2024; 15 (1): 673
- **Pseudoknot-targeting Cas13b combats SARS-CoV-2 infection by suppressing viral replication.** *Molecular therapy : the journal of the American Society of Gene Therapy*  
Yu, D., Han, H. J., Yu, J., Kim, J., Lee, G. H., Yang, J. H., Song, B. M., Tark, D., Choi, B. S., Kang, S. M., Heo, W. D.  
2023; 31 (6): 1675-1687
- **Optogenetic control of mRNA localization and translation in live cells.** *Nature cell biology*  
Kim, N. Y., Lee, S., Yu, J., Kim, N., Won, S. S., Park, H., Heo, W. D.  
2020; 22 (3): 341-352