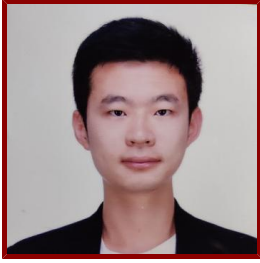


# Stanford

---



## He You

Postdoctoral Scholar, Chemistry

### Bio

---

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Tsinghua University (2020)
- Ph.D., Tsinghua University , Biology (2020)

#### STANFORD ADVISORS

- Bianxiao Cui, Postdoctoral Faculty Sponsor

### Publications

---

#### PUBLICATIONS

- **Ngfr+cholinergic projection from SI/nBM to mPFC selectively regulates temporal order recognition memory.** *Nature communications*  
Mei, F., Zhao, C., Li, S., Xue, Z., Zhao, Y., Xu, Y., Ye, R., You, H., Yu, P., Han, X., Carr, G. V., Weinberger, D. R., Yang, et al  
2024; 15 (1): 7342
- **Inhibiting proBDNF to mature BDNF conversion leads to ASD-like phenotypes in vivo.** *Molecular psychiatry*  
Yang, F., You, H., Mizui, T., Ishikawa, Y., Takao, K., Miyakawa, T., Li, X., Bai, T., Xia, K., Zhang, L., Pang, D., Xu, Y., Zhu, et al  
2024
- **Regulation of Satiety by *Bdnf*-Expressing Neurons through TrkB Activation in Ventromedial Hypothalamus** *BIOMOLECULES*  
Chu, P., Guo, W., You, H., Lu, B.  
2023; 13 (5)
- **Diverse Functions of Multiple Bdnf Transcripts Driven by Distinct Bdnf Promoters.** *Biomolecules*  
You, H., Lu, B.  
2023; 13 (4)
- **A protocol for establishing a male GxE schizophrenia mouse model** *STAR PROTOCOLS*  
Zhang, T., Li, S., Mei, F., You, H., Chen, Y., Yang, F., Li, B.  
2022; 3 (4): 101856
- **Engineering a Magnetic Protein Crystal**  
Li, T., Wang, Z., You, H., Ong, Q., Varanasi, V., Dong, M., Lu, B., Pasca, S., Cui, B.  
CELL PRESS.2020: 153A
- **A subpopulation of Bdnf-e1-expressing glutamatergic neurons in the lateral hypothalamus critical for thermogenesis control.** *Molecular metabolism*  
You, H., Chu, P., Guo, W., Lu, B.  
2020; 31: 109-123

- **TrkB agonistic antibodies superior to BDNF: Utility in treating motoneuron degeneration.** *Neurobiology of disease*  
Guo, W., Pang, K., Chen, Y., Wang, S., Li, H., Xu, Y., Han, F., Yao, H., Liu, H., Lopes-Rodrigues, V., Sun, D., Shao, J., Shen, et al  
2019; 132: 104590
- **Engineering a Genetically Encoded Magnetic Protein Crystal.** *Nano letters*  
Li, T. L., Wang, Z., You, H., Ong, Q., Varanasi, V. J., Dong, M., Lu, B., Pasca, S. P., Cui, B.  
2019
- **MagR Alone Is Insufficient to Confer Cellular Calcium Responses to Magnetic Stimulation.** *Frontiers in neural circuits*  
Pang, K., You, H., Chen, Y., Chu, P., Hu, M., Shen, J., Guo, W., Xie, C., Lu, B.  
2017; 11: 11