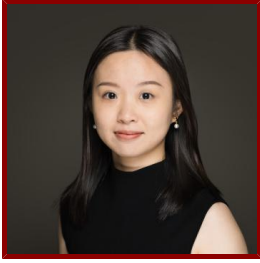


# Stanford

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## Jiayi Xie

Postdoctoral Scholar, Bone Marrow Transplantation

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### Bio

#### HONORS AND AWARDS

- American Cancer Society Postdoctoral Fellow, American Cancer Society (2026 - 2029)

#### STANFORD ADVISORS

- Melody Smith, Postdoctoral Faculty Sponsor

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### Research & Scholarship

#### LAB AFFILIATIONS

- Melody Smith (9/1/2022)

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### Publications

#### PUBLICATIONS

- **SHP-1 inhibition targets leukaemia stem cells to restore immunosurveillance and enhance chemosensitivity by metabolic reprogramming (vol 26, pg 464, 2024) NATURE CELL BIOLOGY**  
Xu, X., Yu, Y., Zhang, W., Ma, W., He, C., Qiu, G., Wang, X., Liu, Q., Zhao, M., Xie, J., Tao, F., Perry, J. M., Liu, et al  
2025
- **Antibiotic Use: Impact on the Microbiome and Cellular Therapy Outcomes. Blood advances**  
Darwin, A., Xie, J., Smith, M.  
2025
- **Versatility of megakaryocytes in homeostasis and disease. Blood science (Baltimore, Md.)**  
Wang, D., Xie, J., Zhao, M.  
2024; 6 (4): e00212
- **The intestinal microbiota and cellular therapy: implications for impact and mechanisms. Blood**  
Xie, J., Smith, M.  
2024
- **Regulation of endocrine cell alternative splicing revealed by single-cell RNA sequencing in type 2 diabetes pathogenesis COMMUNICATIONS BIOLOGY**  
Wang, J., Wen, S., Chen, M., Xie, J., Lou, X., Zhao, H., Chen, Y., Zhao, M., Shi, G.  
2024; 7 (1): 778
- **SHP-1 inhibition targets leukaemia stem cells to restore immunosurveillance and enhance chemosensitivity by metabolic reprogramming NATURE CELL BIOLOGY**  
Xu, X., Yu, Y., Zhang, W., Ma, W., He, C., Qiu, G., Wang, X., Liu, Q., Zhao, M., Xie, J., Tao, F., Perry, J. M., Liu, et al  
2024

- **CXCR4<sup>high</sup> megakaryocytes regulate host-defense immunity against bacterial pathogens.** *eLife*  
Wang, J., Xie, J., Wang, D., Han, X., Chen, M., Shi, G., Jiang, L., Zhao, M.  
2022; 11
- **Loss of sphingosine kinase 2 promotes the expansion of hematopoietic stem cells by improving their metabolic fitness.** *Blood*  
Li, C., Wu, B., Li, Y., Liu, Y., Wang, J., Xie, J., Xu, X., Tian, X., Ye, Z., Guan, J., Chen, J., Xie, S., Zhang, et al  
2022
- **Single-Cell Atlas Reveals Fatty Acid Metabolites Regulate the Functional Heterogeneity of Mesenchymal Stem Cells** *FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY*  
Xie, J., Lou, Q., Zeng, Y., Liang, Y., Xie, S., Xu, Q., Yuan, L., Wang, J., Jiang, L., Mou, L., Lin, D., Zhao, M.  
2021; 9: 653308