

# Stanford

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## Peng Zhao

Postdoctoral Scholar, Orthopedic Surgery

### Bio

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#### INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Tsinghua University (2023)
- Bachelor of Engineering, Beijing University of Technology (2018)
- Doctor of Philosophy, Tsinghua University (2023)

#### STANFORD ADVISORS

- Yunzhi Peter Yang, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Cell mediated ECM-degradation as an emerging tool for anti-fibrotic strategy.** *Cell regeneration (London, England)*  
Zhao, P., Sun, T., Lyu, C., Liang, K., Du, Y.  
2023; 12 (1): 29
- **Response to a Comment on "Scar-Degrading Endothelial Cells as a Treatment for Advanced Liver Fibrosis"** *ADVANCED SCIENCE*  
Zhao, P., Sun, T., Lyu, C., Du, Y.  
2023; 10 (17): e2301330
- **Advanced glycation end-products as mediators of the aberrant crosslinking of extracellular matrix in scarred liver tissue** *NATURE BIOMEDICAL ENGINEERING*  
Lyu, C., Kong, W., Liu, Z., Wang, S., Zhao, P., Liang, K., Niu, Y., Yang, W., Xiang, C., Hu, X., Li, X., Du, Y.  
2023
- **Scar-Degrading Endothelial Cells as a Treatment for Advanced Liver Fibrosis** *ADVANCED SCIENCE*  
Zhao, P., Sun, T., Lyu, C., Liang, K., Niu, Y., Zhang, Y., Cao, C., Xiang, C., Du, Y.  
2023; 10 (4): e2203315
- **Synthetic liver fibrotic niche extracts achieve in vitro hepatoblasts phenotype enhancement and expansion.** *iScience*  
Zhang, Y., Guo, A., Lyu, C., Bi, R., Wu, Z., Li, W., Zhao, P., Niu, Y., Na, J., Xi, J. J., Du, Y.  
2021; 24 (11): 103303
- **Cryoprotectant enables structural control of porous scaffolds for exploration of cellular mechano-responsiveness in 3D** *NATURE COMMUNICATIONS*  
Jiang, S., Lyu, C., Zhao, P., Li, W., Kong, W., Huang, C., Genin, G. M., Du, Y.  
2019; 10: 3491