

# Stanford

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## Pavin Trinh

MD Student, expected graduation Spring 2023

### Publications

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#### PUBLICATIONS

- **Gradient hydrogels for screening stiffness effects on patient-derived glioblastoma xenograft cellfates in 3D.** *Journal of biomedical materials research. Part A*  
Zhu, D., Trinh, P., Li, J., Grant, G., Yang, F.  
2020
- **Biochemical and Mechanical Gradients Synergize To Enhance Cartilage Zonal Organization in 3D** *ACS BIOMATERIALS SCIENCE & ENGINEERING*  
Zhu, D., Trinh, P., Liu, E., Yang, F.  
2018; 4 (10): 3561–69
- **Mimicking Cartilage Tissue Zonal Organization by Engineering Tissue-scale Gradient Hydrogels as 3D Cell Niche.** *Tissue engineering. Part A*  
Zhu, D., Tong, X., Trinh, P., Yang, F.  
2017
- **Elastin-like protein-hyaluronic acid (ELP-HA) hydrogels with decoupled mechanical and biochemical cues for cartilage regeneration.** *Biomaterials*  
Zhu, D., Wang, H., Trinh, P., Heilshorn, S. C., Yang, F.  
2017