



## Xuekun Wu

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### Bio

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#### STANFORD ADVISORS

- Joseph Wu, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Reimagining human-centric drug development with new approach methodologies.** *Science (New York, N.Y.)*  
Wu, X., Wu, M. A., Zou, J., Kleinstreuer, N., Wu, J. C.  
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- **Cardiac fibrosis: from mechanisms and models to medicines.** *Trends in pharmacological sciences*  
Liu, W., Wu, X., Zeng, W., Chandy, M., Wu, J. C.  
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- **Multiscale drug screening for cardiac fibrosis identifies MD2 as a therapeutic target.** *Cell*  
Zhang, H., Thai, P. N., Shivnaraine, R. V., Ren, L., Wu, X., Siepe, D. H., Liu, Y., Tu, C., Shin, H. S., Caudal, A., Mukherjee, S., Leitz, J., Wen, et al  
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- **Multiscale drug screening for cardiac fibrosis identifies MD2 as a therapeutic target** *Cell*  
Zhang, H.  
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- **Next-Gen Therapeutics: Pioneering Drug Discovery with iPSCs, Genomics, AI, and Clinical Trials in a Dish.** *Annual review of pharmacology and toxicology*  
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2024
- **Clinical trials in-a-dish for cardiovascular medicine.** *European heart journal*  
Wu, X., Swanson, K., Yildirim, Z., Liu, W., Liao, R., Wu, J. C.  
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- **Cysteine-rich with EGF-like domains 2 (CRELD2) is an endoplasmic reticulum stress-inducible angiogenic growth factor promoting ischemic heart repair.** *Nature cardiovascular research*  
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- **Lnc-ing epicardium-derived cells to cardiac remodelling: lncRNA-TARID as a novel antifibrotic option.** *European heart journal*

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2022; 376 (6599): 1343-1347

- **Myeloid-Derived Growth Factor Protects Against Pressure Overload-Induced Heart Failure by Preserving Sarco/Endoplasmic Reticulum Ca<sup>2+</sup>-ATPase Expression in Cardiomyocytes.** *Circulation*

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- **Angiogenesis after acute myocardial infarction.** *Cardiovascular research*

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- **Heparan Sulfate-Editing Extracellular Sulfatases Enhance VEGF Bioavailability for Ischemic Heart Repair.** *Circulation research*

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- **Effects of Mobile Text Messaging on Glycemic Control in Patients With Coronary Heart Disease and Diabetes Mellitus.** *Circulation. Cardiovascular quality and outcomes*

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