



## YuanYuan Dai

Postdoctoral Scholar, Cardiovascular Institute

### Bio

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#### HONORS AND AWARDS

- American Heart Association Postdoctoral Fellowship, American Heart Association (2024-2025)

#### STANFORD ADVISORS

- Joseph Wu, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Generation of two induced pluripotent stem cell lines from patients with Williams syndrome.** *Stem cell research*  
Dai, Y., Zhu, W., Flores Banuelos, A. G., Li, J., Mukherjee, S., Algaze, C., Wu, J. C.  
2024; 78: 103460
- **An Alternative Mechanism of Subcellular Iron Uptake Deficiency in Cardiomyocytes.** *Circulation research*  
Dai, Y., Ignatyeva, N., Xu, H., Wali, R., Toischer, K., Brandenburg, S., Lenz, C., Pronto, J., Fakuade, F. E., Sossalla, S., Zeisberg, E. M., Janshoff, A., Kutschka, et al  
2023; 133 (2): e19-e46
- **Integrated Ca<sup>2+</sup> flux and AFM force analysis in human iPSC-derived cardiomyocytes.** *Biological chemistry*  
Malkovskiy, A. V., Ignatyeva, N., Dai, Y., Hasenfuss, G., Rajadas, J., Ebert, A.  
2020
- **Troponin destabilization impairs sarcomere-cytoskeleton interactions in iPSC-derived cardiomyocytes from dilated cardiomyopathy patients.** *Scientific reports*  
Dai, Y., Amenov, A., Ignatyeva, N., Koschinski, A., Xu, H., Soong, P. L., Tiburcy, M., Linke, W. A., Zaccolo, M., Hasenfuss, G., Zimmermann, W. H., Ebert, A.  
2020; 10 (1): 209
- **Proteasome-Dependent Regulation of Distinct Metabolic States During Long-Term Culture of Human iPSC-Derived Cardiomyocytes.** *Circulation research*  
Ebert, A. n., Joshi, A. U., Andorf, S. n., Dai, Y. n., Sampathkumar, S. n., Chen, H. n., Li, Y. n., Garg, P. n., Toischer, K. n., Hasenfuß, G. n., Mochly Rosen, D. n., Wu, J. C.  
2019