

# Stanford

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## Qianru Wang

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### Bio

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#### INSTITUTE AFFILIATIONS

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

#### STANFORD ADVISORS

- Euan Ashley, Postdoctoral Faculty Sponsor
- Euan Ashley, Postdoctoral Research Mentor

### Publications

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#### PUBLICATIONS

- **Epistasis regulates genetic control of cardiac hypertrophy.** *Research square*  
Wang, Q., Tang, T. M., Youlton, N., Weldy, C. S., Kenney, A. M., Ronen, O., Hughes, J. W., Chin, E. T., Sutton, S. C., Agarwal, A., Li, X., Behr, M., Kumbier, et al  
2023
- **Epistasis regulates genetic control of cardiac hypertrophy.** *medRxiv : the preprint server for health sciences*  
Wang, Q., Tang, T. M., Youlton, N., Weldy, C. S., Kenney, A. M., Ronen, O., Hughes, J. W., Chin, E. T., Sutton, S. C., Agarwal, A., Li, X., Behr, M., Kumbier, et al  
2023
- **Improved Cardiac Performance and Decreased Arrhythmia in Hypertrophic Cardiomyopathy With Non-β-Blocking R-Enantiomer Carvedilol.** *Circulation*  
Seo, K., Yamamoto, Y., Kirillova, A., Kawana, M., Yadav, S., Huang, Y., Wang, Q., Lane, K. V., Pruitt, B. L., Perez, M. V., Bernstein, D., Wu, J. C., Wheeler, et al  
2023
- **Leveraging microfluidic dielectrophoresis to distinguish compositional variations of lipopolysaccharide in E. coli** *FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY*  
Wang, Q., Kim, H., Halvorsen, T. M., Chen, S., Hayes, C. S., Buie, C. R.  
2023; 11: 991784
- **Microfluidic dielectrophoresis illuminates the relationship between microbial cell envelope polarizability and electrochemical activity.** *Science advances*  
Wang, Q., Jones, A. D., Gralnick, J. A., Lin, L., Buie, C. R.  
2019; 5 (1): eaat5664
- **Nonlinear electrokinetic effects in insulator-based dielectrophoretic systems.** *Electrophoresis*  
Wang, Q., Dingari, N. N., Buie, C. R.  
2017; 38 (20): 2576-2586