



## Xulei Qin

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### Publications

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#### PUBLICATIONS

- **Engineered heart muscle allografts for heart repair in primates and humans.** *Nature*  
Jebran, A. F., Seidler, T., Tiburcy, M., Daskalaki, M., Kutschka, I., Fujita, B., Ensminger, S., Bremmer, F., Moussavi, A., Yang, H., Qin, X., Mißbach, S., Drummer, et al  
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2020; 141 (21): 1729–31
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Kheifets, V. O., Dufva, M. J., Boehm, M., Tian, X., Qin, X., Tabakh, J. E., Truong, U., Ivy, D., Spiekerkoetter, E.  
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- **Modeling Secondary Iron Overload Cardiomyopathy with Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes.** *Cell reports*  
Rhee, J. W., Yi, H. n., Thomas, D. n., Lam, C. K., Belbachir, N. n., Tian, L. n., Qin, X. n., Malisa, J. n., Lau, E. n., Paik, D. T., Kim, Y. n., Choi, B. S., Sayed, et al  
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2020
- **Molecular imaging of cardiac regenerative medicine** *Current Opinion in Biomedical Engineering*  
Qin, X., Han, D., Wu, J. C.  
2019; 9: 66-73
- **An in Vivo miRNA Delivery System for Restoring Infarcted Myocardium.** *ACS nano*  
Yang, H. n., Qin, X. n., Wang, H. n., Zhao, X. n., Liu, Y. n., Wo, H. T., Liu, C. n., Nishiga, M. n., Chen, H. n., Ge, J. n., Sayed, N. n., Abilez, O. J., Ding, et al  
2019
- **Radiolabeled Duramycin Promising Translational Imaging of Myocardial Apoptosis** *JACC-CARDIOVASCULAR IMAGING*  
Wu, J. C., Qin, X., Neofytou, E.

2018; 11 (12): 1834-1836

- **Prolonged survival of transplanted stem cells after ischaemic injury via the slow release of pro-survival peptides from a collagen matrix.** *Nature biomedical engineering*  
Lee, A. S., Inayathullah, M., Lijkwan, M. A., Zhao, X., Sun, W., Park, S., Hong, W. X., Parekh, M. B., Malkovskiy, A. V., Lau, E., Qin, X., Pothineni, V. R., Sanchez-Freire, et al  
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- **Radiolabeled Duramycin: Promising Translational Imaging of Myocardial Apoptosis.** *JACC. Cardiovascular imaging*  
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- **Tracking Human Pluripotent Stem Cell-Derived Cardiomyocytes in Post-Myocardial Infarction Heart with Photoacoustic Imaging**  
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Riegler, J., Ebert, A., Qin, X., Shen, Q., Wang, M., Ameen, M., Kodo, K., Ong, S., Lee, W. H., Lee, G., Neofytou, E., Gold, J. D., Connolly, et al  
2016; 6 (2): 176-187
- **Framework for hyperspectral image processing and quantification for cancer detection during animal tumor surgery** *JOURNAL OF BIOMEDICAL OPTICS*  
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- **Characterization of the homogeneous tissue mixture approximation in breast imaging dosimetry** *MEDICAL PHYSICS*  
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