

Yuan Zhang

Resident in Graduate Medical Education

Bio

INSTITUTE AFFILIATIONS

- Member (Student), Cardiovascular Institute

Publications

PUBLICATIONS

- **The Unfolded Protein Response as a Compensatory Mechanism and Potential Therapeutic Target in PLN R14del Cardiomyopathy.** *Circulation*
Feyen, D. A., Perea-Gil, I., Maas, R. G., Harakalova, M., Gavidia, A. A., Arthur Ataam, J., Wu, T., Vink, A., Pei, J., Vadgama, N., Suurmeijer, A. J., Te Rijdt, W. P., Vu, et al
2021
- **Activation of CaMKII Signaling Pathway Contributes to the Pathogenesis of Genetic Hypertrophic Cardiomyopathy**
Gil, I., Bellbachir, N., Gavidia, A. A., Arthur, J., Zhang, Y., Vadgama, N., Oikonomopoulos, A., Roura, S., Wu, J. C., Bayes-Genis, A., Karakikes, I.
LIPPINCOTT WILLIAMS & WILKINS.2020
- **Disruption of the Genome Architecture at the PRRX1 Locus is Associated With the Pathogenesis of LMNA-related Dilated Cardiomyopathy**
Zhang, Y., Ameen, M., Gil, I., Arthur, J., Gavidia, A. A., Bharucha, N., Wang, K. C., Karakikes, I.
LIPPINCOTT WILLIAMS & WILKINS.2020
- **Translating Genomic Insights into Cardiovascular Medicines: Opportunities and Challenges of CRISPR-Cas9.** *Trends in cardiovascular medicine*
Zhang, Y. n., Karakikes, I. n.
2020
- **A Novel Recessive Mutation in SPEG Causes Early Onset Dilated Cardiomyopathy.** *PLoS genetics*
Levitas, A. n., Muhammad, E. n., Zhang, Y. n., Perea Gil, I. n., Serrano, R. n., Diaz, N. n., Arafat, M. n., Gavidia, A. A., Kapiloff, M. S., Mercola, M. n., Etzion, Y. n., Parvari, R. n., Karakikes, et al
2020; 16 (9): e1009000
- **Stage-specific Effects of Bioactive Lipids on Human iPSC Cardiac Differentiation and Cardiomyocyte Proliferation.** *Scientific reports*
Sharma, A. n., Zhang, Y. n., Buikema, J. W., Serpooshan, V. n., Chirikian, O. n., Kosaric, N. n., Churko, J. M., Dzilic, E. n., Shieh, A. n., Burrridge, P. W., Wu, J. C., Wu, S. M.
2018; 8 (1): 6618
- **High-throughput screening of tyrosine kinase inhibitor cardiotoxicity with human induced pluripotent stem cells.** *Science translational medicine*
Sharma, A., Burrridge, P. W., McKeithan, W. L., Serrano, R., Shukla, P., Sayed, N., Churko, J. M., Kitani, T., Wu, H., Holmström, A., Matsa, E., Zhang, Y., Kumar, et al
2017; 9 (377)
- **Harnessing the Induction of Cardiomyocyte Proliferation for Cardiac Regenerative Medicine.** *Current treatment options in cardiovascular medicine*
Sharma, A., Zhang, Y., Wu, S. M.
2015; 17 (10): 404-?