

Rosa Ma

Ph.D. Student in Genetics, admitted Autumn 2018

Publications

PUBLICATIONS

- **Convergence of coronary artery disease genes onto endothelial cell programs.** *Nature*
Schnitzler, G. R., Kang, H., Fang, S., Angom, R. S., Lee-Kim, V. S., Ma, X. R., Zhou, R., Zeng, T., Guo, K., Taylor, M. S., Vellarikkal, S. K., Barry, A. E., Sias-Garcia, et al
2024
- **An encyclopedia of enhancer-gene regulatory interactions in the human genome.** *bioRxiv : the preprint server for biology*
Gschwind, A. R., Mualim, K. S., Karbalayghareh, A., Sheth, M. U., Dey, K. K., Jagoda, E., Nurtdinov, R. N., Xi, W., Tan, A. S., Jones, H., Ma, X. R., Yao, D., Nasser, et al
2023
- **Oligogenic Architecture of Rare Noncoding Variants Distinguishes 4 Congenital Heart Disease Phenotypes.** *Circulation. Genomic and precision medicine*
Yu, M., Aguirre, M., Jia, M., Gjoni, K., Cordova-Palomera, A., Munger, C., Amgalan, D., Rosa Ma, X., Pereira, A., Tcheandjieu, C., Seidman, C., Seidman, J., Tristani-Firouzi, et al
2023: e003968
- **Aberrant phase separation is a common killing strategy of positively charged peptides in biology and human disease.** *bioRxiv : the preprint server for biology*
Boeynaems, S., Ma, X. R., Yeong, V., Ginell, G. M., Chen, J. H., Blum, J. A., Nakayama, L., Sanyal, A., Briner, A., Haver, D. V., Pauwels, J., Ekman, A., Schmidt, et al
2023
- **TDP-43 represses cryptic exon inclusion in the FTD-ALS gene UNC13A.** *Nature*
Ma, X. R., Prudencio, M., Koike, Y., Vatsavayai, S. C., Kim, G., Harbinski, F., Briner, A., Rodriguez, C. M., Guo, C., Akiyama, T., Schmidt, H. B., Cummings, B. B., Wyatt, et al
2022
- **ALS Genetics: Gains, Losses, and Implications for Future Therapies.** *Neuron*
Kim, G. n., Gautier, O. n., Tassoni-Tsuchida, E. n., Ma, X. R., Gitler, A. D.
2020