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Bio

INSTITUTE AFFILIATIONS

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

STANFORD ADVISORS

- Joseph Wu, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Deciphering pathogenicity of variants of uncertain significance with CRISPR-edited iPSCs.** *Trends in genetics : TIG*
Guo, H., Liu, L., Nishiga, M., Cong, L., Wu, J. C.
2021
- **Generation of three induced pluripotent stem cell lines, SCVi003-A, SCVi004-A, SCVi005-A, from patients with ARVD/C caused by heterozygous mutations in the PKP2 gene.** *Stem cell research*
Jahng, J. W., Black, K. E., Liu, L., Bae, H. R., Perez, M., Ashley, E. A., Sallam, K., Wu, J. C.
2021; 53: 102284
- **Generation of two heterozygous MYBPC3 mutation-carrying human iPSC lines, SCVi001-A and SCVi002-A, for modeling hypertrophic cardiomyopathy.** *Stem cell research*
Liu, L., Shenoy, S. P., Jahng, J. W., Liu, Y., Knowles, J. W., Zhuge, Y., Wu, J. C.
2021; 53: 102279
- **Genomic Repeats Categorize Genes with Distinct Functions for Orchestrated Regulation** *CELL REPORTS*
Lu, J., Shao, W., Chang, L., Yin, Y., Li, T., Zhang, H., Hong, Y., Percharde, M., Guo, L., Wu, Z., Liu, L., Liu, W., Yan, et al
2020; 30 (10): 3296+
- **Tumor Repressor Circular RNA as a New Target for Preventative Gene Therapy Against Doxorubicin-Induced Cardiotoxicity.** *Circulation research*
Jahng, J. W., Liu, L. n., Wu, J. C.
2020; 127 (4): 483–85
- **IDH1 fine-tunes cap-dependent translation initiation** *JOURNAL OF MOLECULAR CELL BIOLOGY*
Liu, L., Lu, J., Li, F., Xing, X., Li, T., Yang, X., Shen, X.
2019; 11 (10): 816-828
- **Insight into novel RNA-binding activities via large-scale analysis of lncRNA-bound proteome and IDH1-bound transcriptome** *NUCLEIC ACIDS RESEARCH*
Liu, L., Li, T., Song, G., He, Q., Yin, Y., Lu, J., Bi, X., Wang, K., Luo, S., Chen, Y., Yang, Y., Sun, B., Yang, et al
2019; 47 (5): 2244-2262
- **Mouse knockout models reveal largely dispensable but context-dependent functions of lncRNAs during development** *JOURNAL OF MOLECULAR CELL BIOLOGY*
Han, X., Luo, S., Peng, G., Lu, J., Cui, G., Liu, L., Yan, P., Yin, Y., Liu, W., Wang, R., Zhang, J., Ai, S., Chang, et al
2018; 10 (2): 175-178

● **Divergent lncRNAs Regulate Gene Expression and Lineage Differentiation in Pluripotent Cells** *CELL STEM CELL*

Luo, S., Lu, Y., Liu, L., Yin, Y., Chen, C., Han, X., Wu, B., Xu, R., Liu, W., Yan, P., Shao, W., Lu, Z., Li, et al
2016; 18 (5): 637-652