

## Chenchen Zhu

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### Bio

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#### INSTITUTE AFFILIATIONS

- Member (Postdoc), Cardiovascular Institute

### Publications

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#### PUBLICATIONS

- **Advances and prospects for the Human BioMolecular Atlas Program (HuBMAP).** *Nature cell biology*  
Jain, S., Pei, L., Spraggins, J. M., Angelo, M., Carson, J. P., Gehlenborg, N., Ginty, F., Gonçalves, J. P., Hagood, J. S., Hickey, J. W., Kelleher, N. L., Laurent, L. C., Lin, et al  
2023
- **Organization of the human intestine at single-cell resolution.** *Nature*  
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- **Genotype Complements the Phenotype: Identification of the Pathogenicity of an LMNA Splice Variant by Nanopore Long-Read Sequencing in a Large DCM Family.** *International journal of molecular sciences*  
Sedaghat-Hamedani, F., Rebs, S., Kayvanpour, E., Zhu, C., Amr, A., Müller, M., Haas, J., Wu, J., Steinmetz, L. M., Ehlermann, P., Streckfuss-Bömeke, K., Frey, N., Meder, et al  
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- **Transcription Factor GATA4 Regulates Cell Type-Specific Splicing Through Direct Interaction With RNA in Human Induced Pluripotent Stem Cell-Derived Cardiac Progenitors.** *Circulation*  
Zhu, L., Choudhary, K., Gonzalez-Teran, B., Ang, Y., Thomas, R., Stone, N. R., Liu, L., Zhou, P., Zhu, C., Ruan, H., Huang, Y., Jin, S., Pelonero, et al  
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- **Single-molecule, full-length transcript isoform sequencing reveals disease-associated RNA isoforms in cardiomyocytes.** *Nature communications*  
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- **iPSC Modeling of RBM20-Deficient DCM Identifies Upregulation of RBM20 as a Therapeutic Strategy.** *Cell reports*  
Briganti, F. n., Sun, H. n., Wei, W. n., Wu, J. n., Zhu, C. n., Liss, M. n., Karakikes, I. n., Rego, S. n., Cipriano, A. n., Snyder, M. n., Meder, B. n., Xu, Z. n., Millat, et al  
2020; 32 (10): 108117
- **NAD(P)HX repair deficiency causes central metabolic perturbations in yeast and human cells** *FEBS JOURNAL*  
Becker-Ketterer, J., Paczia, N., Conrotte, J., Zhu, C., Fiehn, O., Jung, P. P., Steinmetz, L. M., Linster, C. L.  
2018; 285 (18): 3376-3401
- **Modulation of mRNA and lncRNA expression dynamics by the Set2-Rpd3S pathway** *NATURE COMMUNICATIONS*  
Kim, J. H., Lee, B. B., Oh, Y. M., Zhu, C., Steinmetz, L. M., Lee, Y., Kim, W. K., Lee, S. B., Buratowski, S., Kim, T.  
2016; 7
- **Chromatin Dynamics and the RNA Exosome Function in Concert to Regulate Transcriptional Homeostasis** *CELL REPORTS*  
Rege, M., Subramanian, V., Zhu, C., Hsieh, T. S., Weiner, A., Friedman, N., Clauder-Muenster, S., Steinmetz, L. M., Rando, O. J., Boyer, L. A., Peterson, C. L.  
2015; 13 (8): 1610-1622

- **Roadblock Termination by Reb1p Restricts Cryptic and Readthrough Transcription** *MOLECULAR CELL*  
Colin, J., Candelli, T., Porrua, O., Boulay, J., Zhu, C., Lacroute, F., Steinmetz, L. M., Libri, D.  
2014; 56 (5): 667-680
- **Yeast Growth Plasticity Is Regulated by Environment-Specific Multi-QTL Interactions** *G3-GENES GENOMES GENETICS*  
Bhatia, A., Yadav, A., Zhu, C., Gagneur, J., Radhakrishnan, A., Steinmetz, L. M., Bhanot, G., Sinha, H.  
2014; 4 (5): 769-777
- **Genotype-environment interactions reveal causal pathways that mediate genetic effects on phenotype.** *PLoS genetics*  
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