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Bio

LINKS

- Google Scholar: <https://scholar.google.com/citations?hl=en&user=COuN0gMAAAAJ>

Publications

PUBLICATIONS

- **Vascular smooth muscle cell state trajectories mediate molecular mechanisms of coronary disease risk.** *Nature communications*
Li, D. Y., Kundu, S., Cheng, P., Gu, W., Worssam, M. D., Jackson, W. R., Zhao, Q., Nguyen, T., Yu, A. M., Monteiro, J. P., Caceres, R. D., Dale, S., Palmisano, et al
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- **Functional Genomics Link REST to Endothelial Plasticity and Atherosclerosis.** *Circulation research*
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- **A cell and transcriptome atlas of human arterial vasculature.** *Cell genomics*
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2025: 101034
- **Smooth muscle expression of RNA editing enzyme ADAR1 controls activation of the RNA sensor MDA5 in atherosclerosis.** *Nature cardiovascular research*
Weldy, C. S., Li, Q., Monteiro, J. P., Peters, T. S., Guo, H., Galls, D., Gu, W., Cheng, P. P., Ramste, M., Li, D., Palmisano, B. T., Sharma, D., Worssam, et al
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- **Epigenomic landscape of single vascular cells reflects developmental origin and disease risk loci.** *Molecular systems biology*
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2024

- **Deciphering the impact of genomic variation on function.** *Nature*
2024; 633 (8028): 47-57
- **INO80-Dependent Remodeling of Transcriptional Regulatory Network Underlies the Progression of Heart Failure** *CIRCULATION*
Ren, Z., Zhao, W., Li, D., Yu, P., Mao, L., Zhao, Q., Yao, L., Zhang, X., Liu, Y., Zhou, B., Wang, L.
2024; 149 (14): 1121-1138
- **A single-cell atlas of *Drosophila* trachea reveals glycosylation-mediated Notch signaling in cell fate specification.** *Nature communications*
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- **Molecular mechanisms of coronary disease revealed using quantitative trait loci for TCF21 binding, chromatin accessibility, and chromosomal looping.** *Genome biology*
Zhao, Q. n., Dacre, M. n., Nguyen, T. n., Pjanic, M. n., Liu, B. n., Iyer, D. n., Cheng, P. n., Wirka, R. n., Kim, J. B., Fraser, H. B., Quertermous, T. n.
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Zhao, Q. n., Wirka, R. n., Nguyen, T. n., Nagao, M. n., Cheng, P. n., Miller, C. L., Kim, J. B., Pjanic, M. n., Quertermous, T. n.
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2018; 14 (10)
- **The EZH1-SUZ12 complex positively regulates the transcription of NF- κ B target genes through interaction with UXT** *JOURNAL OF CELL SCIENCE*
Su, S., Li, C., Lei, P., Wang, X., Zhao, Q., Cai, Y., Wang, Z., Li, L., Wu, M.
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- **Global histone modification profiling reveals the epigenomic dynamics during malignant transformation in a four-stage breast cancer model** *CLINICAL EPIGENETICS*
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