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Publications

PUBLICATIONS

- **Multi-tissue transcriptomic aging atlas reveals predictive aging biomarkers in the killifish.** *bioRxiv : the preprint server for biology*
Costa, E. K., Chen, J., Guldner, I. H., Mboning, L., Schmahl, N., Tsenter, A., Wu, M., Moran-Losada, P., Bouchard, L. S., Wang, S., Singh, P. P., Pellegrini, M., Brunet, et al
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- **BayesAge 2.0: a maximum likelihood algorithm to predict transcriptomic age.** *GeroScience*
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2025
- **BayesAge 2.0: A Maximum Likelihood Algorithm to Predict Transcriptomic Age.** *bioRxiv : the preprint server for biology*
Mboning, L., Costa, E. K., Chen, J., Bouchard, L. S., Pellegrini, M.
2024
- **Age-related changes in the zebrafish and killifish inner ear and lateral line.** *Scientific reports*
Coffin, A. B., Dale, E., Molano, O., Pederson, A., Costa, E. K., Chen, J.
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- **The African Turquoise Killifish: A Scalable Vertebrate Model for Aging and Other Complex Phenotypes.** *Cold Spring Harbor protocols*
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- **Breeding and Reproduction of the African Turquoise Killifish *Nothobranchius furzeri*.** *Cold Spring Harbor protocols*
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- **An automated feeding system for the African killifish reveals effects of dietary restriction on lifespan and allows scalable assessment of associative learning.** *eLife*
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- **Meiotic regulation of the Ndc80 complex composition and function.** *Current genetics*
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- **Tunable Transcriptional Interference at the Endogenous Alcohol Dehydrogenase Gene Locus in *Drosophila melanogaster*.** *G3 (Bethesda, Md.)*
Jorgensen, V., Chen, J., Vander Wende, H., Harris, D. E., McCarthy, A., Breznak, S., Wong-Deyrup, S. W., Chen, Y., Rangan, P., Brar, G. A., Sawyer, E. M., Chan, L. Y., Ünal, et al
2020; 10 (5): 1575-1583
- **Aurora B-dependent Ndc80 degradation regulates kinetochore composition in meiosis.** *Genes & development*
Chen, J., Liao, A., Powers, E. N., Liao, H., Kohlstaedt, L. A., Evans, R., Holly, R. M., Kim, J. K., Jovanovic, M., Ünal, E.
2020; 34 (3-4): 209-225
- **Single Molecule Fluorescence In Situ Hybridization (smFISH) Analysis in Budding Yeast Vegetative Growth and Meiosis.** *Journal of visualized experiments : JoVE*

Chen, J., McSwiggen, D., Ünal, E.
2018

- **Transcription of a 5' extended mRNA isoform directs dynamic chromatin changes and interference of a downstream promoter.** *eLife*

Chia, M., Tresenrider, A., Chen, J., Spedale, G., Jorgensen, V., Ünal, E., van Werven, F. J.
2017; 6

- **Kinetochore inactivation by expression of a repressive mRNA.** *eLife*

Chen, J., Tresenrider, A., Chia, M., McSwiggen, D. T., Spedale, G., Jorgensen, V., Liao, H., van Werven, F. J., Ünal, E.
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