

## Jason Miklas

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### Publications

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#### PUBLICATIONS

- **Evolution of diapause in the African turquoise killifish by remodeling the ancient gene regulatory landscape.** *Cell*  
Singh, P. P., Reeves, G. A., Contrepois, K., Papsdorf, K., Miklas, J. W., Ellenberger, M., Hu, C. K., Snyder, M. P., Brunet, A.  
2024
- **Author Correction: Lipid droplets and peroxisomes are co-regulated to drive lifespan extension in response to mono-unsaturated fatty acids.** *Nature cell biology*  
Papsdorf, K., Miklas, J. W., Hosseini, A., Cabruja, M., Morrow, C. S., Savini, M., Yu, Y., Silva-García, C. G., Haseley, N. R., Murphy, L. M., Yao, P., de Launoit, E., Dixon, et al  
2023
- **Lipid droplets and peroxisomes are co-regulated to drive lifespan extension in response to mono-unsaturated fatty acids.** *Nature cell biology*  
Papsdorf, K., Miklas, J. W., Hosseini, A., Cabruja, M., Morrow, C. S., Savini, M., Yu, Y., Silva-Garcia, C. G., Haseley, N. R., Murphy, L. M., Yao, P., de Launoit, E., Dixon, et al  
2023
- **Males induce premature demise of the opposite sex by multifaceted strategies.** *Nature aging*  
Booth, L. N., Shi, C., Tantilert, C., Yeo, R. W., Miklas, J. W., Hebestreit, K., Hollenhorst, C. N., Maures, T. J., Buckley, M. T., Murphy, C. T., Brunet, A.  
2022; 2 (9): 809-823
- **Long life depends on open communication.** *Nature cell biology*  
Miklas, J. W., Brunet, A.  
2022
- **Support cells in the brain promote longevity.** *Science (New York, N.Y.)*  
Miklas, J. W., Brunet, A. n.  
2020; 367 (6476): 365–66
- **Metabolism as an early predictor of DPSCs aging** *SCIENTIFIC REPORTS*  
Macrin, D., Alghadeer, A., Zhao, Y., Miklas, J. W., Hussein, A. M., Detraux, D., Robitaille, A. M., Madan, A., Moon, R. T., Wang, Y., Devi, A., Mathieu, J., Ruohola-Baker, et al  
2019; 9: 2195