



## Jason Millington

Postdoctoral Scholar, Molecular and Cellular Physiology

### Bio

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#### STANFORD ADVISORS

- Lucy O'Brien, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **A low sugar diet enhances *Drosophila* body size in males and females via sex-specific mechanisms.** *Development (Cambridge, England)*  
Millington, J. W., Biswas, P., Chao, C., Xia, Y. H., Wat, L. W., Brownrigg, G. P., Sun, Z., Basner-Collins, P. J., Geltink, R. I., Rideout, E. J.  
2022
- **Sex determination gene transformer regulates the male-female difference in *Drosophila* fat storage via the adipokinetic hormone pathway** *ELIFE*  
Wat, L. W., Chowdhury, Z. S., Millington, J. W., Biswas, P., Rideout, E. J.  
2021; 10
- **Female-biased upregulation of insulin pathway activity mediates the sex difference in *Drosophila* body size plasticity** *ELIFE*  
Millington, J. W., Brownrigg, G. P., Chao, C., Sun, Z., Basner-Collins, P. J., Wat, L. W., Hudry, B., Miguel-Aliaga, I., Rideout, E. J.  
2021; 10
- **Genetic manipulation of insulin/insulin-like growth factor signaling pathway activity has sex-biased effects on *Drosophila* body size** *G3-GENES GENOMES GENETICS*  
Millington, J. W., Brownrigg, G. P., Basner-Collins, P. J., Sun, Z., Rideout, E. J.  
2021; 11 (3)
- **Sexual Dimorphism: Ecdysone Modulates Sex Differences in the Gut** *CURRENT BIOLOGY*  
Millington, J. W., Rideout, E. J.  
2020; 30 (21): R1327-R1330
- **A role for triglyceride lipase brummer in the regulation of sex differences in *Drosophila* fat storage and breakdown** *PLOS BIOLOGY*  
Wat, L. W., Chao, C., Bartlett, R., Buchanan, J. L., Millington, J. W., Chih, H., Chowdhury, Z. S., Biswas, P., Huang, V., Shin, L. J., Wang, L., Gauthier, M. L., Barone, et al  
2020; 18 (1): e3000595
- **Sex differences in *Drosophila* development and physiology** *CURRENT OPINION IN PHYSIOLOGY*  
Millington, J. W., Rideout, E. J.  
2018; 6: 46-56