



Cover: Marcetteau et al., show that Arf6 is required for wing patterning in response to Wingless signalling during *Drosophila* wing development. The image represents the pattern of Senseless (red) and Wingless (blue) expression in both Wild-Type (to the left), and Arf6 mutant (to the right) cells. Graphic by Julien Marcetteau. Image licensed under a Creative Commons Attribution 4.0 International license.

RESEARCH ARTICLES

Multiple neural bHLHs ensure the precision of a neuronal specification event in *Caenorhabditis elegans*
Filippopoulou, K., Couillault, C. and Bertrand, V.
bio058976

Dynamic shapes of the zygote and two-cell mouse and human
Graham, C. F., Windsor, S., Ajduk, A., Trinh, T., Vincent, A., Jones, C., Coward, K., Kalsi, D., Zernicka-Goetz, M., Swann, K. and Thomas, A. L. R.
bio059013

Alterations in brain glycogen levels influence life-history traits and reduce the lifespan in female *Drosophila melanogaster*
Sheshadri, D., Onkar, A. and Ganesh, S.
bio059055

Palmitoylated small GTPase ARL15 is translocated within Golgi network during adipogenesis
Wu, Y., Bai, Y., McEwan, D. G., Bentley, L., Aravani, D. and Cox, R. D.
bio058420

Modest sexual size dimorphism and allometric growth: a study based on growth and gonad development in the wolf spider *Pardosa pseudoannulata* (Araneae: Lycosidae)
Zhang, F., Chen, X., Zeng, C., Wen, L., Zhao, Y. and Peng, Y.
bio058771

Cellular senescence limits translational readthrough
del Toro, N., Lessard, F., Bouchard, J., Mobasher, N., Guillon, J., Igelmann, S., Tardif, S., Buffard, T., Bourdeau, V., Brakier-Gingras, L. and Ferbeyre, G.
bio058688

Arf6 is necessary for *senseless* expression in response to wingless signalling during *Drosophila* wing development
Marcetteau, J., Matusek, T., Luton, F. and Thérond, P. P.
bio058892

METHODS & TECHNIQUES

A new method to localise and quantify oxidative stress in live juvenile mussels
Delorme, N. J., Schmidt, A. J., Zamora, L. N., Burritt, D. J. and Ragg, N. L. C.
bio059030

FIRST PERSON

First person – Natalí Delorme and Leonardo Zamora
bio059175

First person – Yixing Wu and Ying Bai
bio059163