



Confocal microscopy of wild-type *D. melanogaster* developing female gonad at the early pupal stage, stained for Huli tai-shao (red), GFP (green) and DNA (blue) (anterior side on left). Germ cells are identified by the presence of spectrosomes (bright red dots). Anterior germ cells that have just turned into GSCs fail to express *bam-GFP*, whereas posterior ones that have differentiated start to express it. See article by Zhu and Xie on p. 2579.

Research Articles

- Hennig, L., Taranto, P., Walser, M., Schönrock, N. and Gruissem, W.**
Arabidopsis MSI1 is required for epigenetic maintenance of reproductive development 2555-2565
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 The *C. elegans* G-protein-coupled receptor SRA-13 inhibits RAS/MAPK signalling during olfaction and vulval development 2567-2577
- Zhu, C.-H. and Xie, T.**
 Clonal expansion of ovarian germline stem cells during niche formation in *Drosophila* 2579-2588
- Gupta, B. P., Wang, M. and Sternberg, P. W.**
 The *C. elegans* LIM homeobox gene *lin-11* specifies multiple cell fates during vulval development 2589-2601
- Zhu, S., Chiang, A.-S. and Lee, T.**
 Development of the *Drosophila* mushroom bodies: elaboration, remodeling and spatial organization of dendrites in the calyx 2603-2610
- Clark, K. A., McGrail, M. and Beckerle, M. C.**
 Analysis of PINCH function in *Drosophila* demonstrates its requirement in integrin-dependent cellular processes 2611-2621
- Marin, V. A. and Evans, T. C.**
 Translational repression of a *C. elegans* Notch mRNA by the STAR/KH domain protein GLD-1 2623-2632
- Chi, C. L., Martinez, S., Wurst, W. and Martin, G. R.**
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- Park, J. H., Schroeder, A. J., Helfrich-Förster, C., Jackson, F. R. and Ewer, J.**
 Targeted ablation of CCAP neuropeptide-containing neurons of *Drosophila* causes specific defects in execution and circadian timing of ecdysis behavior 2645-2656
- Chalmers, A. D., Strauss, B. and Papalopulu, N.**
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- Lee, S. A., Shen, E. L., Fiser, A., Sali, A. and Guo, S.**
 The zebrafish forkhead transcription factor Foxi1 specifies epibranchial placode-derived sensory neurons 2669-2679
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 Loss of *Tbx4* blocks hindlimb development and affects vascularization and fusion of the allantois 2681-2693
- Houston, D. W. and Wylie, C.**
 The *Xenopus* LIM-homeodomain protein Xlim5 regulates the differential adhesion properties of early ectoderm cells  2695-2704

Yabe, T., Shimizu, T., Muraoka, O., Bae, Y.-K., Hirata, T., Nojima, H., Kawakami, A., Hirano, T. and Hibi, M.
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 Tbx5 and Tbx4 trigger limb initiation through activation of the Wnt/Fgf signaling cascade 2729-2739

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 Evidence that Myc activation depletes the epidermal stem cell compartment by modulating adhesive interactions with the local microenvironment 2793-2808

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