



Cover: Dorsal view of the abdominal epidermis of a *Drosophila* pupa stained for E-cadherin to visualize cell junctions (white). The small histoblasts (cyan and black) proliferate and replace the large larval epidermal cells. Larval epidermal cells of one segment are coloured according to their position at the time of their extrusion: at the border of the histoblast nest (yellow), at the dorsal midline (green) or in between (magenta). See Research article by Michel and Dahmann (dev179606).

EDITORIAL

Developing new associations

Briscoe, J. and Brown, K.

dev189704

INTERVIEW

An interview with Sally Lowell

Grewal, S.

dev188565

REVIEWS

Skeletal stem cells: insights into maintaining and regenerating the skeleton

Serowoky, M. A., Arata, C. E., Crump, J. G. and Mariani, F. V.

dev179325

Integration of luminal pressure and signalling in tissue self-organization

Chan, C. J. and Hiiragi, T.

dev181297

STEM CELLS AND REGENERATION

Histone variant dictates fate biasing of neural crest cells to melanocyte lineage

Raja, D. A., Subramaniam, Y., Aggarwal, A., Gotherwal, V., Babu, A., Tanwar, J., Motiani, R. K., Sivasubbu, S., Gokhale, R. S. and Natarajan, V. T.

dev182576

Membrane expression of the estrogen receptor ER α is required for intercellular communications in the mammary epithelium

Gagniac, L., Rusidzé, M., Boudou, F., Cagnet, S., Adlanmerini, M., Jeannot, P., Gaide, N., Giton, F., Besson, A., Weyl, A., Gourdy, P., Raymond-Letron, I., Arnal, J.-F., Brisken, C. and Lenfant, F.

dev182303

RESEARCH REPORT

Wingless counteracts epithelial folding by increasing mechanical tension at basal cell edges in *Drosophila*

Sui, L. and Dahmann, C.

dev184713

RESEARCH ARTICLES

Establishment of chromatin accessibility by the conserved transcription factor Grainy head is developmentally regulated

Nevil, M., Gibson, T. J., Bartolutti, C., Iyengar, A. and Harrison, M. M.

dev185009

Oxidative stress regulates progenitor behavior and cortical neurogenesis

Chui, A., Zhang, Q., Dai, Q. and Shi, S.-H.

dev184150

Multiple lineages enable robust development of the neuropil-glia architecture in adult *Drosophila*

Kato, K., Orihara-Ono, M. and Awasaki, T.

dev184085

Tissue mechanical properties modulate cell extrusion in the *Drosophila* abdominal epidermis

Michel, M. and Dahmann, C.

dev179606

Control of tissue morphogenesis by the HOX gene *Ultrabithorax*

Diaz-de-la-Loza, M.-del-C., Loker, R., Mann, R. S. and Thompson, B. J.

dev184564

The Rheb-TORC1 signaling axis functions as a developmental checkpoint

Duong, T., Rasmussen, N. R., Ballato, E., Mote, F. S. and Reiner, D. J.

dev181727

Pbx4 limits heart size and fosters arch artery formation by partitioning second heart field progenitors and restricting proliferation

Holowiecki, A., Linstrum, K., Ravisankar, P., Chetal, K., Salomonis, N. and Waxman, J. S.

dev185652

CORRECTION

Correction: MicroRNA-19b restricts Wnt7b to the hem, which induces aspects of hippocampus development in the avian forebrain

Sindhu, S. K., Udaykumar, N., Zaidi, M. A. A., Soni, A. and Sen, J.

dev189332