



Cover: Micrographs of *C. elegans* anchor cells (*cdh-3>mCherry::moeABD*, magenta) atop the uterine-vulval basement membrane (laminin::GFP, green), expressing endogenously-tagged transcription factors (nuclear, green), grouped by column (left to right: *egl-43::GFP*, *fos-1::GFP*, *hlh-2::GFP* and *nhr-67::GFP*). Each row represents a different RNAi perturbation [top to bottom: empty vector, *egl-43(RNAi)*, *fos-1(RNAi)*, *hlh-2(RNAi)* and *nhr-67(RNAi)*]. See Research article by Medwig-Kinney et al. (dev185850).

INTERVIEWS

The people behind the papers – Charles Sheehan, John McMahon and Debby Silver
dev187336

The people behind the papers – Xin Zhu, Yiquan Wang and Guang Li
dev187062

SPOTLIGHT

Unravelling spiral cleavage
Martín-Durán, J. M. and Marlétaz, F.
dev181081

CORRESPONDENCE

Formin, an opinion
Davison, A., McDowell, G. S., Holden, J. M., Johnson, H. F., Wade, C. M., Chiba, S., Jackson, D. J., Levin, M. and Blaxter, M. L.
dev187427

REVIEWS

X chromosome inactivation in human development
Patrat, C., Ouimette, J.-F. and Rougeulle, C.
dev183095

Parallels between wound healing, epimorphic regeneration and solid tumors
Wong, A. Y. and Whited, J. L.
dev181636

STEM CELLS AND REGENERATION

Single cell sequencing of radial glia progeny reveals the diversity of newborn neurons in the adult zebrafish brain
Lange, C., Rost, F., Machate, A., Reinhardt, S., Lesche, M., Weber, A., Kuscha, V., Dahl, A., Rulands, S. and Brand, M.
dev185595

Dual role of Jam3b in early hematopoietic and vascular development
Kobayashi, I., Kobayashi-Sun, J., Hirakawa, Y., Ouchi, M., Yasuda, K., Kamei, H., Fukuhara, S. and Yamaguchi, M.
dev181040

Quantitative classification of chromatin dynamics reveals regulators of intestinal stem cell differentiation
Raab, J. R., Tulasi, D. Y., Wager, K. E., Morowitz, J. M., Magness, S. T. and Gracz, A. D.
dev181966

RESEARCH ARTICLES

Cilia-driven asymmetric Hedgehog signalling determines the amphioxus left-right axis by controlling *Dand5* expression
Zhu, X., Shi, C., Zhong, Y., Liu, X., Yan, Q., Wu, X., Wang, Y. and Li, G.
dev182469

Dosage-dependent requirements of *Magoh* for cortical interneuron generation and survival
Sheehan, C. J., McMahon, J. J., Serdar, L. D. and Silver, D. L.
dev182295

Neural crest cells bulldoze through the microenvironment using Aquaporin 1 to stabilize filopodia
McLennan, R., McKinney, M. C., Teddy, J. M., Morrison, J. A., Kasemeier-Kulesa, J. C., Ridenour, D. A., Manthe, C. A., Giniunaite, R., Robinson, M., Baker, R. E., Maini, P. K. and Kulesa, P. M.
dev185231

Aurora B functions at the apical surface after specialized cytokinesis during morphogenesis in *C. elegans*
Bai, X., Melesse, M., Sorensen Turpin, C. G., Sloan, D. E., Chen, C.-Y., Wang, W.-C., Lee, P.-Y., Simmons, J. R., Nebenfuhr, B., Mitchell, D., Klebanow, L. R., Mattson, N., Betzig, E., Chen, B.-C., Cheerambathur, D. and Bembenek, J. N.
dev181099

The PAX-SIX-EYA-DACH network modulates GATA-FOG function in fly hematopoiesis and human erythropoiesis
Creed, T. M., Baldeosingh, R., Eberly, C. L., Schlee, C. S., Kim, M. J., Cutler, J. A., Pandey, A., Civin, C. I., Fossett, N. G. and Kingsbury, T. J.
dev177022

A developmental gene regulatory network for *C. elegans* anchor cell invasion
Medwig-Kinney, T. N., Smith, J. J., Palmisano, N. J., Tank, S., Zhang, W. and Matus, D. Q.
dev185850

CORRECTION

Correction: The development of CRISPR for a mollusc establishes the formin *Lsdia1* as the long-sought gene for snail dextral/sinistral coiling (doi:10.1242/dev.175976)
Abe, M. and Kuroda, R.
dev180778