RESEARCH ARTICLES

2195 Progressive activation of Delta-Notch signaling from around the blastopore is required to set up a functional caudal lobe in the spider *Achaearanea tepidariorum* Oda, H., Nishimura, O., Hirao, Y., Tarui, H., Agata, K. and Akiyama-Oda, Y.

2207 Repression of Wnt/β-catenin signaling in the anterior endoderm is essential for liver and pancreas development McLin, V. A., Rankin, S. A. and Zorn, A. M.

2219 On the carapacial ridge in turtle embryos: its developmental origin, function and the chelonian body plan Nagashima, H., Kuraku, S., Uchida, K., Ohya, Y. K., Narita, Y. and Kuratani, S.

2227 Actin-dependent cytoplasmic streaming in *C. elegans* oogenesis Wolke, U., Jezuit, E. A. and Priess, J. R.

2237 *Hand2* is necessary for terminal differentiation of enteric neurons from crest-derived precursors but not for their migration into the gut or for formation of glia D’Autréaux, F., Morikawa, Y., Cserjesi, P. and Gershon, M. D.

2251 Distinct functions of the major Fgfb spliceform, Fgfb8b, before and during mouse gastrulation Guo, Q. and Li, J. Y. H.

2261 The role of Dpp and its inhibitors during eggshell patterning in *Drosophila* Shravage, B. V., Altmann, G., Technau, M. and Roth, S.

2273 Cdk5 is required for multipolar-to-bipolar transition during radial neuronal migration and proper dendrite development of pyramidal neurons in the cerebral cortex Ohshima, T., Hirasawa, M., Tabata, H., Mutoh, T., Adachi, T., Suzuki, H., Saruta, K., Iwasato, T., Itohara, S., Hashimoto, M., Nakajima, K., Ogawa, M., Kulkarni, A. B. and Mikoshiba, K.

2283 The generation of adipocytes by the neural crest Billon, N., Iannarelli, P., Monteiro, M. C., Glavieux-Pardanaud, C., Richardson, W. D., Kessaris, N., Dani, C. and Dupin, E.

2293 Localized VEGF signaling from ectoderm to mesenchyme cells controls morphogenesis of the sea urchin embryo skeleton Duloquin, L., Lhomond, G. and Gache, C.

2303 EEL-1, a Hect E3 ubiquitin ligase, controls asymmetry and persistence of the SKN-1 transcription factor in the early *C. elegans* embryo Page, B. D., Diede, S. J., Tenlen, J. R. and Ferguson, E. L.

2315 Wnt signaling is a key mediator of Cdx1 expression in vivo Pilon, N., Oh, K., Sylvestre, J.-R., Savory, J. G. A. and Lohnes, D.


2337 Crk-associated substrate (Cas) signaling protein functions with integrins to specify axon guidance during development Huang, Z., Yazdani, U., Thompson-Peer, K. L., Kolodkin, A. L. and Terman, J. R.

2349 Adrenal development is initiated by Cited2 and Wt1 through modulation of Sf-1 dosage Val, P., Martinez-Barbera, J.-P. and Swain, A.
2359  BMP signals control limb bud interdigital programmed cell death by regulating FGF signaling  
Pajni-Underwood, S., Wilson, C. P., Elder, C., Mishina, Y. and Lewandoski, M.

2369  Notch signalling is needed to maintain, but not to initiate, the formation of prosensory patches in the chick inner ear  
Daudet, N., Ariza-McNaughton, L. and Lewis, J.

DEVELOPMENT AND DISEASE

2379  Endocardium is necessary for cardiomyocyte movement during heart tube assembly  
Glickman Holtzman, N., Schoenebeck, J. J., Tsai, H.-J. and Yelon, D.

Delta1 (blue) expression in the inner ear of a stage-HH12, DAPT-treated chick embryo. Islet1- (green) and TuJ1- (red) positive neuroblasts are in the lumen of the otic cup (oc), but many Islet1-positive neuroblasts have delaminated from the oc and accumulated in the underlying mesenchyme. See research article on p. 2369.