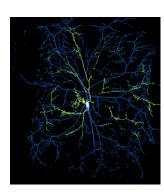
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Cover: Superimposed dendritic arbors of class IV ddaC neurons from a wild-type fly (blue) and a prel loss-of-function mutant (green). In contrast to the complicated and expansive arbor of the wild-type neuron, that of the prel mutant neuron is simplified and major branches are broken. See Research article by Tsubouchi et al. on p. 3757.

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3691 TGFβ family signaling: novel insights in development and disease Wharton, K. and Derynck, R.

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3699 The regulation of TGFβ signal transduction **Moustakas, A. and Heldin, C.-H.**

3715 The extracellular regulation of bone morphogenetic protein signaling Umulis, D., O'Connor, M. B. and Blair, S. S.

3729 Informatics approaches to understanding TGF β pathway regulation Kahlem, P. and Newfeld, S. J.

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3741 The Id2⁺ distal tip lung epithelium contains individual multipotent embryonic progenitor cells
Rawlins, E. L., Clark, C. P., Xue, Y. and Hogan, B. L. M.

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3747 Cell competition, growth and size control in the *Drosophila* wing imaginal disc

Martín, F. A., Herrera, S. C. and Morata, G.

3757 Mitochondrial protein Preli-like is required for development of dendritic arbors and prevents their regression in the *Drosophila* sensory nervous system

Tsubouchi, A., Tsuyama, T., Fujioka, M., Kohda, H., Okamoto-Furuta, K., Aigaki, T. and Uemura, T.

3767 Conserved regulatory sequences in Atoh7 mediate non-conserved regulatory responses in retina ontogenesis Skowronska-Krawczyk, D., Chiodini, F., Ebeling, M., Alliod, C., Kundzewicz, A., Castro, D., Ballivet, M., Guillemot, F., Matter-Sadzinski, L. and Matter, J.-M.

3779 A BMP-Shh negative-feedback loop restricts Shh expression during limb development

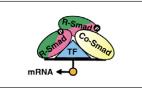
Bastida, M. F., Sheth, R. and Ros, M. A.

3791 Zebrafish *zic2a* patterns the forebrain through modulation of Hedgehog-activated gene expression
Sanek, N. A., Taylor, A. A., Nyholm, M. K. and Grinblat, Y.

3801 Wnt-Ror signaling to SIA and SIB neurons directs anterior axon guidance and nerve ring placement in *C. elegans*Kennerdell, J. R., Fetter, R. D. and Bargmann, C. I.

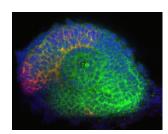
3811 The entire zebrafish blastula-gastrula margin acts as an organizer dependent on the ratio of Nodal to BMP activity
Fauny, J.-D., Thisse, B. and Thisse, C.

3821 The establishment of sexual identity in the *Drosophila* germline Casper, A. L. and Van Doren, M.



In this issue, a Minifocus highlights recent advances in our understanding of TGF β signalling, from insights into its intra- and extracellular regulation, to ways in which computational approaches can stimulate progress in the field. See Meeting review on p. 3691 and Reviews on p. 3699, p. 3715 and p. 3729.

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Expression of *pax6a* (green) and of GFP-tagged *cldnb* (red), with DAPI-labelled nuclei (blue), in a prim-5 stage embryonic zebrafish retina morphant for the transcription factor *zic2a*, from a study that uncovers a role for Zic2a in forebrain patterning through modulating Hedgehogactivated gene expression. See Research article by Sanek et al. on p. 3791.

3831 Algorithm of myogenic differentiation in higher-order organisms Piran, R., Halperin, E., Guttmann-Raviv, N., Keinan, E. and Reshef, R.

2841 LIM homeodomain transcription factor-dependent specification of bipotential MGE progenitors into cholinergic and GABAergic striatal interneurons

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