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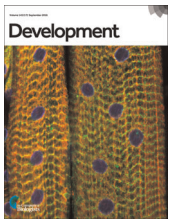

Cover: *Drosophila* larval muscles immunolabelled for muscle-specific alpha2/delta (Ma2/d, red), Msp300 (green) and lamin C (blue). Ma2/d is an auxiliary subunit of the voltage-gated Ca^{2+} channel that is required for association between the sarcoplasmic reticulum and the nuclear membrane, and for nuclear positioning in myofibres. See Research article by Reuveny et al. (dev159558).

MEETING REVIEW

The endoderm from a diverse perspective
Dunn, N. R. and Hogan, B. L. M.
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REVIEW

piRNAs and PIWI proteins: regulators of gene expression in development and stem cells
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STEM CELLS AND REGENERATION

Clonal analysis reveals laminar fate multipotency and daughter cell apoptosis of mouse cortical intermediate progenitors
Mihalas, A. B. and Hevner, R. F.
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Direct control of somatic stem cell proliferation factors by the *Drosophila* testis stem cell niche
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Minor spliceosome inactivation causes microcephaly, owing to cell cycle defects and death of self-amplifying radial glial cells
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The replicative histone chaperone CAF1 is essential for the maintenance of identity and genome integrity in adult stem cells
Clémot, M., Molla-Herman, A., Mathieu, J., Huynh, J.-R. and Dostatni, N.
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Gli3 controls the onset of cortical neurogenesis by regulating the radial glial cell cycle through *Cdk6* expression
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RESEARCH REPORT

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RESEARCH ARTICLES

Nodal signaling has dual roles in fate specification and directed migration during germ layer segregation in zebrafish
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The LPA-LPA4 axis is required for establishment of bipolar morphology and radial migration of newborn cortical neurons
Kurabayashi, N., Tanaka, A., Nguyen, M. D. and Sanada, K.
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The cytochrome P450 CYP77A4 is involved in auxin-mediated patterning of the *Arabidopsis thaliana* embryo
Kawade, K., Li, Y., Koga, H., Sawada, Y., Okamoto, M., Kuwahara, A., Tsukaya, H. and Hirai, M. Y.
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BMP- and neuropilin 1-mediated motor axon navigation relies on spastin alternative translation
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Rnf220 cooperates with *Zc4h2* to specify spinal progenitor domains
Kim, J., Choi, T.-I., Park, S., Kim, M. H., Kim, C.-H. and Lee, S.
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Embryonic $Tbx3^{+}$ cardiomyocytes form the mature cardiac conduction system by progressive fate restriction
Mohan, R. A., Mommersteeg, M. T. M., Domínguez, J. N., Choquet, C., Wakker, V., de Gier-de Vries, C., Boink, G. J. J., Boukens, B. J., Miquerol, L., Verkerk, A. O. and Christoffels, V. M.
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Neurog3-dependent pancreas dysgenesis causes ectopic pancreas in *Hes1* mutant mice
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Sidestep-induced neuromuscular miswiring causes severe locomotion defects in *Drosophila* larvae
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Ma2/d promotes myonuclear positioning and association with the sarcoplasmic reticulum
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Glypican 4 and Mmp14 interact in regulating the migration of anterior endodermal cells by limiting extracellular matrix deposition
Hu, B., Gao, Y., Davies, L., Woo, S., Topczewski, J., Jessen, J. R. and Lin, F.
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Rasip1 controls lymphatic vessel lumen maintenance by regulating endothelial cell junctions
Liu, X., Gu, X., Ma, W., Oxendine, M., Gil, H. J., Davis, G. E., Cleaver, O. and Oliver, G.
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A mesodermal fate map for adipose tissue
Sebo, Z. L., Jeffery, E., Holtrup, B. and Rodeheffer, M. S.
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CORRECTION

Correction: RDH10-mediated retinol metabolism and RARα-mediated retinoic acid signaling are required for submandibular salivary gland initiation (doi: 10.1242/dev.164822)
Metzler, M. A., Raja, S., Elliott, K. H., Friedl, R. M., Tran, N. Q. H., Brugmann, S. A., Larsen, M. and Sandell, L. L.
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