



Cover: Whole-mount confocal image of a mouse forelimb at E14.5. At this stage, tendon and muscle patterning is largely complete. Tendons and muscles are genetically labelled by *ScxGFP* (green) and *Pax7^{Cre}/Rosa-TdTomato* (red), respectively. The distinct programmes that govern the early development of autopod and zeugopod tendons are integrated to achieve proper musculoskeletal organisation. See **Research article by Huang et al. on p. 2431.**

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- 2389 An interview with Brigid Hogan
Vicente, C.

DEVELOPMENT AT A GLANCE

- 2392 The retromer complex in development and disease
Wang, S. and Bellen, H. J.

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- 2397 LIN28: roles and regulation in development and beyond
Tzialikas, J. and Romer-Seibert, J.

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- 2405 HIF modulation of Wnt signaling regulates skeletal myogenesis *in vivo*
Majmundar, A. J., Lee, D. S. M., Skuli, N., Mesquita, R. C., Kim, M. N., Yodh, A. G., Nguyen-McCarty, M., Li, B. and Simon, M. C.
- 2413 JNK signalling is necessary for a Wnt- and stem cell-dependent regeneration programme
Tejada-Romero, B., Carter, J.-M., Mihaylova, Y., Neumann, B. and Aboobaker, A. A.

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- 2425 A trans-homologue interaction between reciprocally imprinted *miR-127* and *Rtl1* regulates placenta development
Ito, M., Sferruzzi-Perri, A. N., Edwards, C. A., Adalsteinsson, B. T., Allen, S. E., Loo, T.-H., Kitazawa, M., Kaneko-Ishino, T., Ishino, F., Stewart, C. L. and Ferguson-Smith, A. C.

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- 2431 Musculoskeletal integration at the wrist underlies the modular development of limb tendons
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- 2442 Distinct developmental genetic mechanisms underlie convergently evolved tooth gain in sticklebacks
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- 2452 The intracellular domains of Notch1 and Notch2 are functionally equivalent during development and carcinogenesis
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- 2464 *C. elegans* SoxB genes are dispensable for embryonic neurogenesis but required for terminal differentiation of specific neuron types
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- 2478 The *Drosophila* planar polarity gene *multiple wing hairs* directly regulates the actin cytoskeleton
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- 2487 MicroRNAs are essential for differentiation of the retinal pigmented epithelium and maturation of adjacent photoreceptors
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- 2499 Wnt signaling and *tbx16* form a bistable switch to commit bipotential progenitors to mesoderm
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- 2508 A dynamic intracellular distribution of Vangl2 accompanies cell polarization during zebrafish gastrulation
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- 2521 A common *Shox2-Nkx2-5* antagonistic mechanism primes the pacemaker cell fate in the pulmonary vein myocardium and sinoatrial node
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- 2533 Ectopic *Atoh1* expression drives Merkel cell production in embryonic, postnatal and adult mouse epidermis
Ostrowski, S. M., Wright, M. C., Bolock, A. M., Geng, X. and Maricich, S. M.
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- 2545 The atlas of mouse development eHistology resource
Graham, E., Moss, J., Burton, N., Roochun, Y., Armit, C., Richardson, L. and Baldock, R.