



Cover: The hyaloid blood vessel network (red) with associated macrophages (green) isolated from a mouse eye. This, along with the retinal vessel network, was used to provide new insights into the role of apoptosis during angiogenesis and vessel regression. See Research article by Watson et al. on p. 2973. Image credit: Stephen Mieruszynski.

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- 2877 The stem cell niche finds its true north
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- 2882 ATP-dependent chromatin remodeling during mammalian development
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- 2907 JAK/STAT signalling mediates cell survival in response to tissue stress
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- 2920 Fgf signalling controls diverse aspects of fin regeneration
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- 2930 Protein synthesis and degradation are essential to regulate germline stem cell homeostasis in *Drosophila* testes
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- 2946 Lizard tail skeletal regeneration combines aspects of fracture healing and blastema-based regeneration
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- 2958 Live imaging of X chromosome reactivation dynamics in early mouse development can discriminate naïve from primed pluripotent stem cells
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- 2965 Tmem2 regulates cell-matrix interactions that are essential for muscle fiber attachment
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RESEARCH ARTICLES

- 2973 Apoptosis regulates endothelial cell number and capillary vessel diameter but not vessel regression during retinal angiogenesis
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- 2983 Wallenda/DLK protein levels are temporally downregulated by Tramtrack69 to allow R7 growth cones to become stationary boutons
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- 2994 *Shh* and ZRS enhancer colocalisation is specific to the zone of polarising activity
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- 3002 Novel functions for *Dorsocross* in epithelial morphogenesis in the beetle *Tribolium castaneum*
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- 3012 AP-1 family members act with Sox9 to promote chondrocyte hypertrophy
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- 3024 Escargot and Scratch regulate neural commitment by antagonizing Notch activity in *Drosophila* sensory organs
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