



Cover: A three-dimensional reconstruction of the developing vasculature in a P4 murine retina. GFP-labelled late neuroprogenitor cells (green) are seen closely interacting with dividing isolectin B4-positive endothelial cells (white) at the angiogenic front of the superficial plexus, by means of their apical projections. See Research article by Cristante et al. (dev157511).

SPOTLIGHT

An interview with Christiana Ruhrberg

Maartens, A.

dev165696

PRIMER

p53: emerging roles in stem cells, development and beyond

Jain, A. K. and Barton, M. C.

dev158360

REVIEW

The role of mitochondria in stem cell fate and aging

Zhang, H., Menzies, K. J. and Auwerx, J.

dev143420

STEM CELLS AND REGENERATION

Lmx1a is required for the development of the ovarian stem cell niche in *Drosophila*

Allbee, A. W., Rincon-Limas, D. E. and Biteau, B.

dev163394

Heterogeneous fates and dynamic rearrangement of regenerative epidermis-derived cells during zebrafish fin regeneration

Shibata, E., Ando, K., Murase, E. and Kawakami, A.

dev162016

RESEARCH REPORT

Control of the proportion of inner cells by asymmetric divisions and the ensuing resilience of cloned rabbit embryos

Fabrèges, D., Daniel, N., Duranthon, V. and Peyriéras, N.

dev152041

RESEARCH ARTICLES

Late neuroprogenitors contribute to normal retinal vascular development in a Hif2a-dependent manner

Cristante, E., Liyanage, S. E., Sampson, R. D., Kalargyrou, A., De Rossi, G., Rizzi, M., Hoke, J., Ribeiro, J., Maswood, R. N., Duran, Y., Matsuki, T., Aghaizu, N. D., Luhmann, U. F., Smith, A. J., Ali, R. R. and Bainbridge, J. W. B.

dev157511

Suppression of epithelial folding at actomyosin-enriched compartment boundaries downstream of Wingless signalling in *Drosophila*

Urbano, J. M., Naylor, H. W., Scarpa, E., Muresan, L. and Sanson, B.

dev155325

Successive duplication-divergence mechanisms at the RCO locus contributed to leaf shape diversity in the Brassicaceae

Streubel, S., Fritz, M. A., Teltow, M., Kappel, C. and Sicard, A.

dev164301

The DEAD-box RNA helicase Ddx39ab is essential for myocyte and lens development in zebrafish

Zhang, L., Yang, Y., Li, B., Scott, I. C. and Lou, X.

dev161018

Conserved and divergent functions of Pax6 underlie species-specific neurogenic patterns in the developing amniote brain

Yamashita, W., Takahashi, M., Kikkawa, T., Gotoh, H., Osumi, N., Ono, K. and Nomura, T.

dev159764

Coordinated directional outgrowth and pattern formation by integration of Wnt5a and Fgf signalling in planar cell polarity

Gao, B., Ajima, R., Yang, W., Li, C., Song, H., Anderson, M. J., Liu, R. R., Lewandoski, M. B., Yamaguchi, T. P. and Yang, Y.

dev163824

CORRECTION

Correction: Epigenetic resetting of human pluripotency (doi:10.1242/dev.146811)

Guo, G., von Meyenn, F., Rostovskaya, M., Clarke, J., Dietmann, S., Baker, D., Sahakyan, A., Myers, S., Bertone, P., Reik, W., Plath, K. and Smith, A.

dev166397