



**Cover:** Lateral view of the retina of zebrafish transgenic line *Tg(h2afv:GFP; EF1 $\alpha$ :mCherry-zGem)*. Using this transgenic line, three cell-cycle phases, G1, S/G2, and M, are distinguishable. Cells undergoing G1 and G2/M phases express GFP and mCherry fluorescence, respectively. Cells in M phase express a high level of mCherry fluorescence with condensed GFP. The authors used this transgenic line and investigated cell proliferation and cell division in zebrafish lens epithelium. They found that cell proliferation and cell-division orientation are spatially regulated in zebrafish lens epithelium, and that a cell adhesion molecule, E-cadherin, is required for the spatial pattern of cell-division orientation. See the article by Mochizuki et al. (doi: 10.1242/bio.20149563)

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