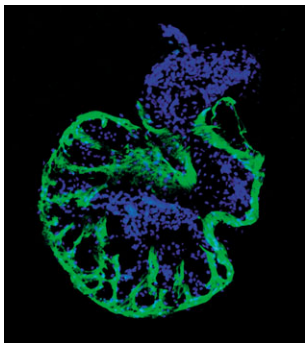
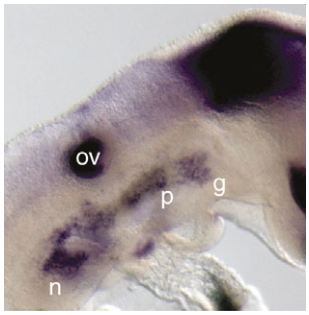
Development



Cover: Transverse section through the heart of a stage 46 *Xenopus laevis* tadpole. Immunolabelling of the myocardial marker tropomyosin (green) identifies the trabeculated ventricle and outflow tract of the developing heart. Nuclei are labeled with DAPI (blue). **See Research article by Mandel et al. on p. 1919.**



The inner ear and epibranchial ganglia appear from recent studies to arise from a common precursor domain. Here, Ladher and colleagues review recent findings on the induction, morphogenesis and innervation of these sensory systems and discuss their specification in the context of their common origin. **See Review on p. 1777.**