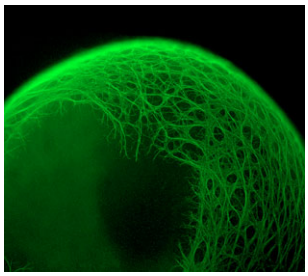
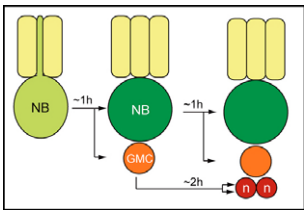
Development



Cover: Whole-mount preparation of chick embryo stomach at day 7 of development, showing the intricate network of the neural crest-derived intrinsic enteric nervous system as labelled by neuron-specific β III tubulin antibody. **See research article by Barlow et al. on p. 1681.**



Stem cells face a uniquely difficult task: balancing self-renewal and proliferation with cell cycle exit and differentiation. As Chris Doe discusses, recent studies of *Drosophila* and mammalian neural stem cells have shed light on how stem cells achieve this balance and on the proteins, processes and pathways that converge to regulate neural progenitor self-renewal. **See review on p. 1575.**

DEVELOPMENT AND DISEASE