

Development 134, 1323-1335 (2007) doi:10.1242/dev.02812

# H<sup>+</sup> pump-dependent changes in membrane voltage are an early mechanism necessary and sufficient to induce *Xenopus* tail regeneration

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## Potentially useful reviews

 Review *TRENDS in Cell Biology* Vol.17 No.8 Full text provided by [www.sciencedirect.com](http://www.sciencedirect.com) ScienceDirect

### Large-scale biophysics: ion flows and regeneration

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*J Dent Res.* 2008 September ; 87(9): 806–816. doi:10.1177/154405910808700909.

### Tail Regeneration in *Xenopus laevis* as a Model for Understanding Tissue Repair

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DEVELOPMENTAL DYNAMICS 238:1226–1248, 2009

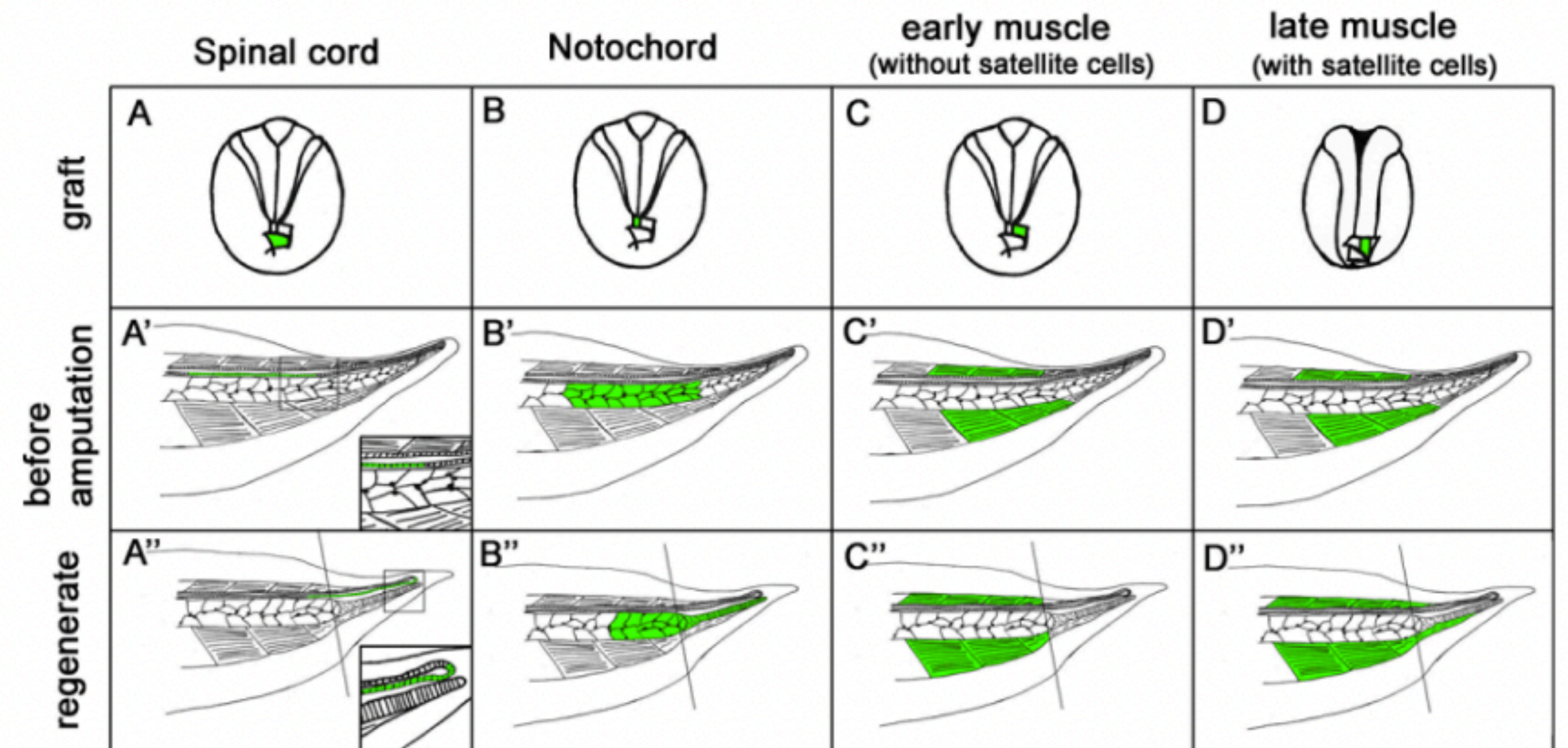
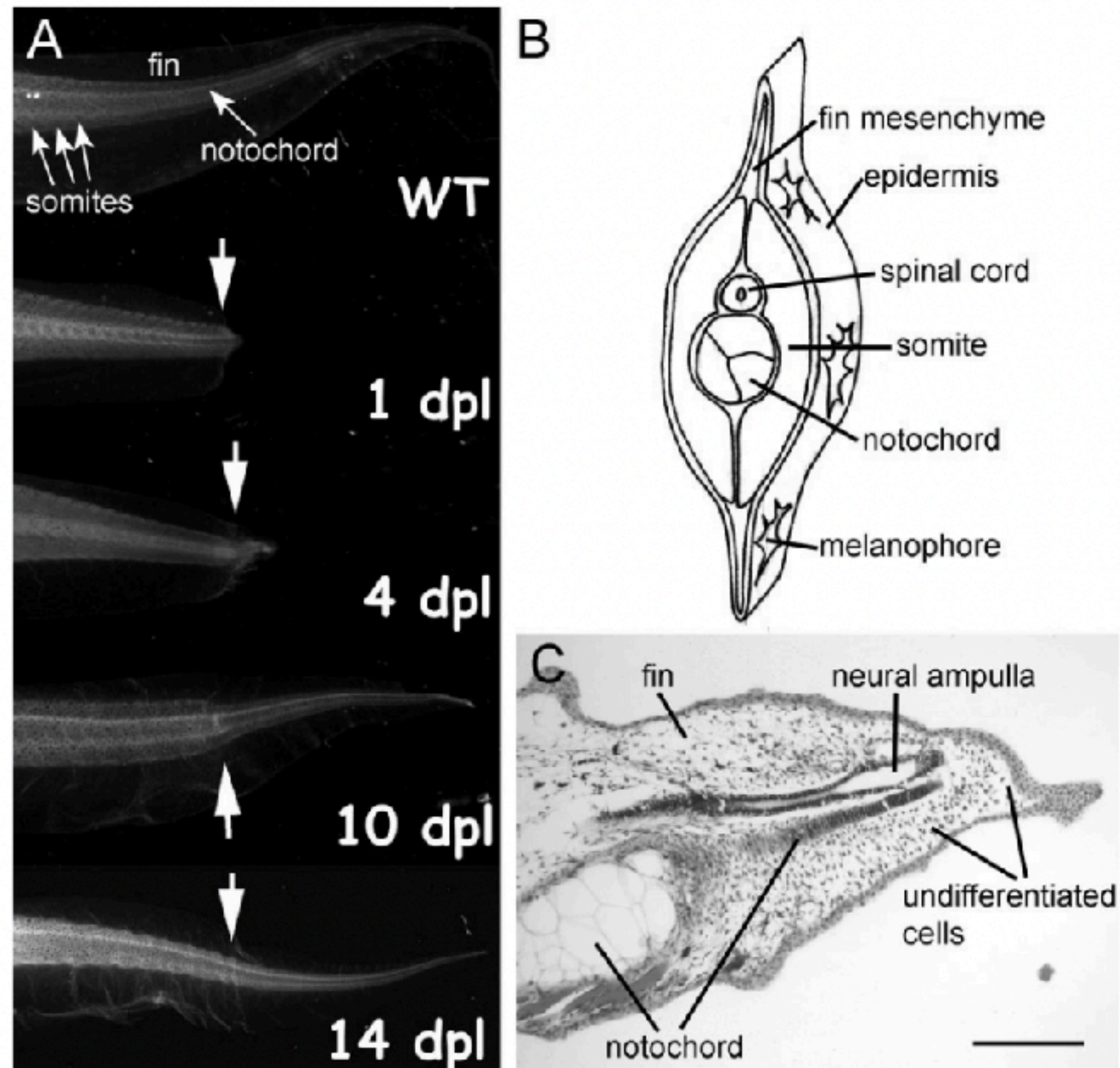
SPECIAL ISSUE REVIEWS—A PEER REVIEWED FORUM

### Beyond Early Development: *Xenopus* as an Emerging Model for the Study of Regenerative Mechanisms

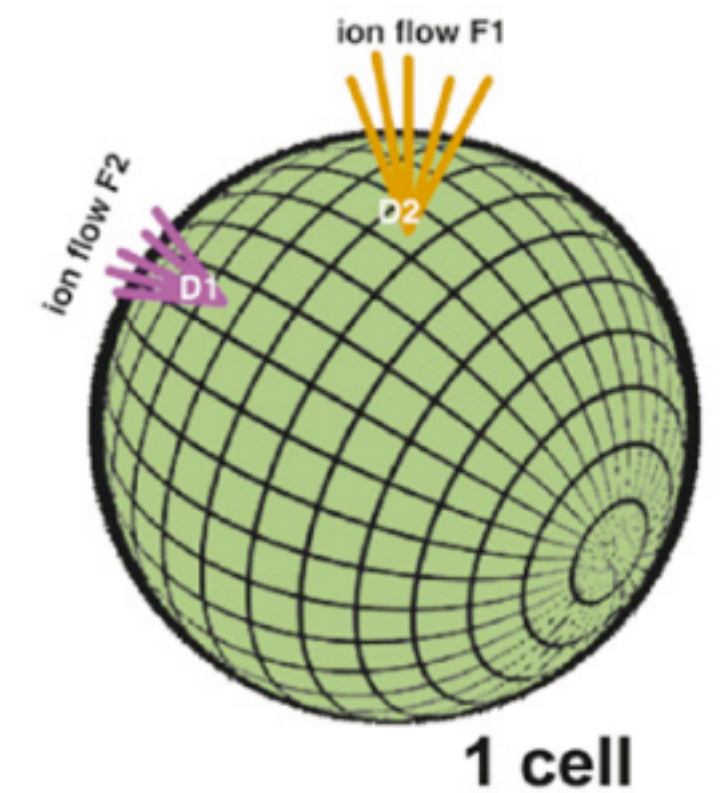
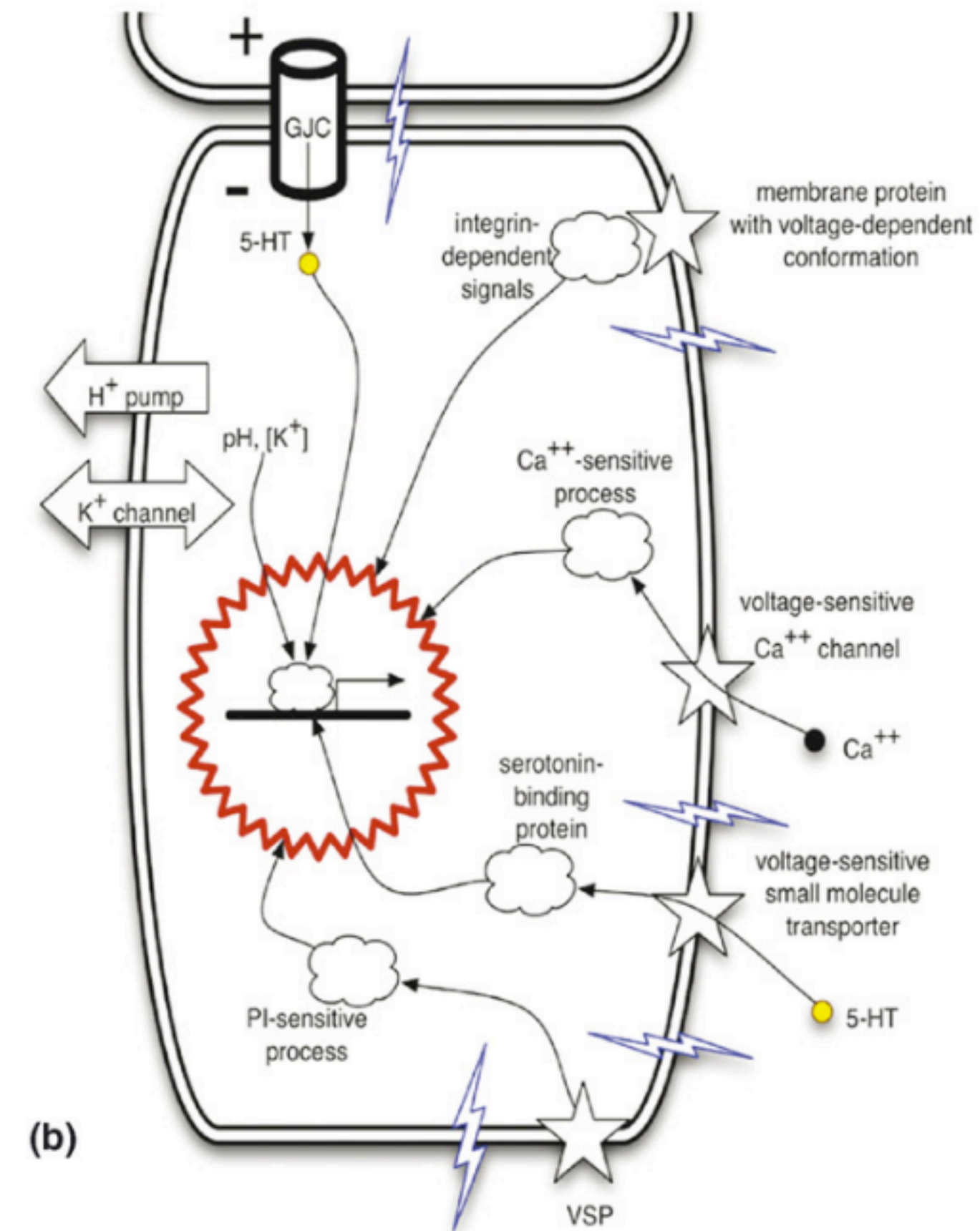
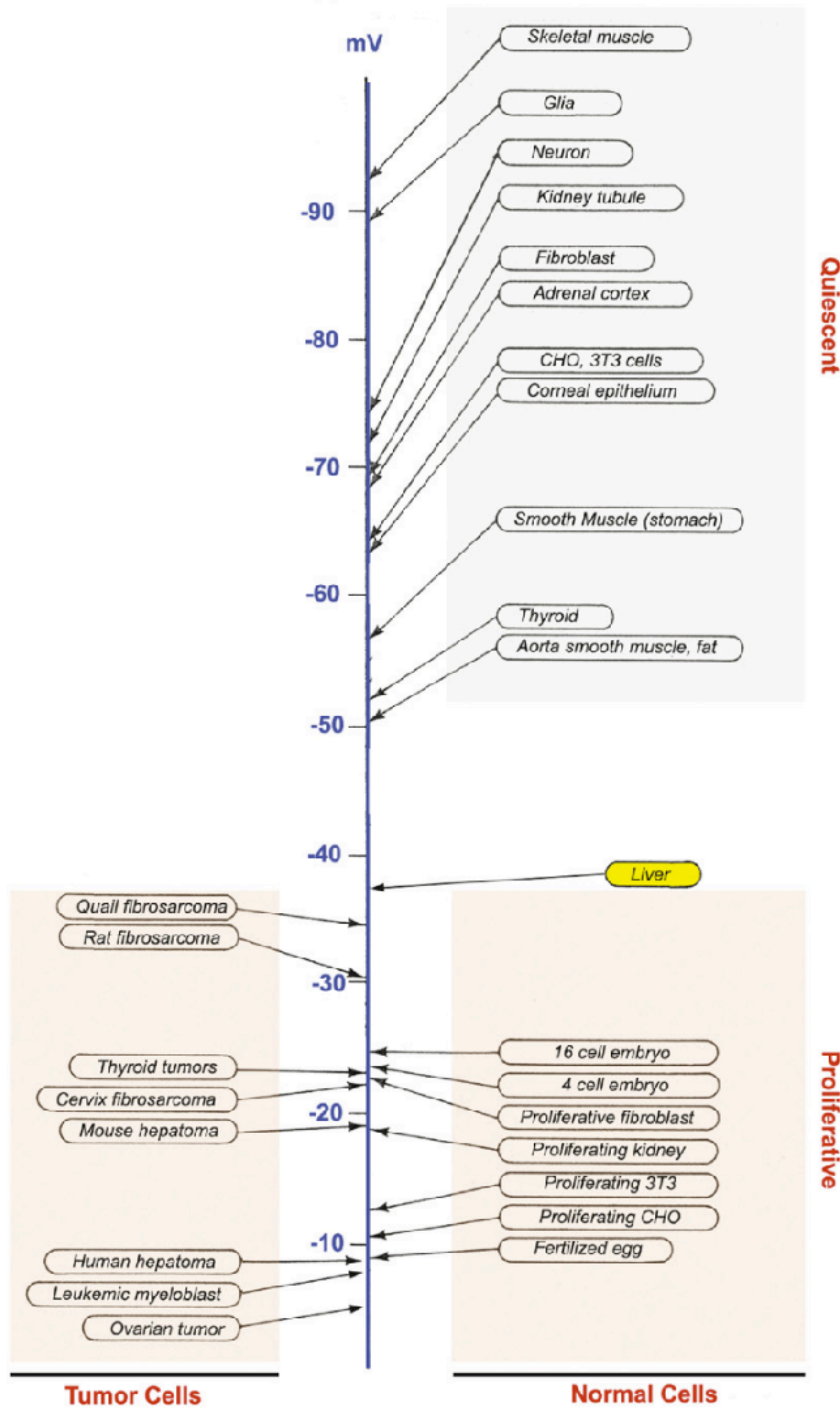
Caroline W. Beck,<sup>1\*</sup> Juan Carlos Izpisua Belmonte,<sup>2,3</sup> and Bea Christen<sup>2</sup>



# Anatomy of *Xenopus* tail regeneration







Levin 2008