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## Editorial Enquiries

*Trends in Neurosciences*

Elsevier,

32 Jamestown Road,

London, UK NW1 7BY

Tel: +44 (0)20 7424 4200

Fax: +44 (0)1865 853 067

E-mail: [tins@elsevier.com](mailto:tins@elsevier.com)

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### Sexually differentiated central pattern generators in *Xenopus laevis*

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**Cover:** The study of neuronal development continues to provide insights into not only the developmental process but also adult neuronal function and disease. A well known example is Nogo and its receptor (NgR), which play roles in both development and the response of axons to injury. On pages 221–226, David and co-authors discuss how the NgR is also expressed in non-neuronal cells and how it modulates macrophage responses during inflammation after peripheral nerve injury and, given the ever increasing research performed into such injury, Strittmatter and co-authors discuss the importance of a clear and systematic method of assessment of post-injury recovery on pages 215–220. Finally, on pages 243–250, the intriguing functions of gap junctions in cortical development are discussed by Elias and Kriegstein. Cover image: © ImageState / Alamy.