CORRIGENDUM
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Neurophysiology: Sensing temperature without ion channels
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My Brief Communication about thermoelectricity in shark gels neglected a systematic effect of surface electrochemistry: electrode potentials vary with temperature in electrolyte solutions. However, silver leads in sea water\(^1\) and accepted values for likely electrode reactions\(^2\) show a sign opposing the gel signals, making it unlikely that an artefactual signal is the origin. Our subsequent work\(^3\) discussed artefacts and repeated the signal with platinum electrodes. Although another report\(^4\) finds a zero signal using salt bridges, it ignores thermopower in gel-filled leads, which risks building a ‘null thermocouple’ from two similar materials (see ref. 5, for example). A temperature function of the electrosensors is not known, but the thermoelectric transduction hypothesis still stands.

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An extremely luminous X-ray outburst at the birth of a supernova

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In this Article, the surname of co-author G. Bryngelson was misspelled as G. Byrnegelson.