

On an early demonstration of the cell boundary theorem

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Editors,

As stated in Prof. Friel's letter, the paper by Friel and Tsien [1] includes a rigorous demonstration of what I recently called the cell boundary theorem [2].

I proposed the theorem to formalize an old idea, two early versions of which were cited as examples [2]. I regret that I missed the earlier formalism and demonstration.

I am also addressing all corresponding authors who have cited [2] to make them aware of the earlier work.

References

1. Friel DD, Tsien RW (1992) A caffeine- and ryanodine-sensitive Ca^{2+} store in bullfrog sympathetic neurones modulates effects of Ca^{2+} entry on $[\text{Ca}^{2+}]_i$. *J Physiol* 450:217–246
2. Ríos E (2010) The cell boundary theorem: a simple law of the control of cytosolic calcium concentration. *J Physiol Sci* 60:81–84

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