

Correction

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Correction: searching for plasticity in dissociated cortical cultures on multi-electrode arrays

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Published: 8 February 2007

Received: 23 January 2007

Journal of Negative Results in BioMedicine 2007, **6**:3 doi:10.1186/1477-5751-6-3

Accepted: 8 February 2007

This article is available from: <http://www.jnrmb.com/content/6/1/3>

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After publication of this article [1], the authors became aware that the numerical codes for two of the datasets, protocols III.3 and III.4, were inadvertently confused during the writing of the paper. Accordingly, the following corrigenda apply:

- *Abstract*, last line: For 'distributed electrical stimulation,' read 'elevated extracellular magnesium concentrations.'

- *Background*, last paragraph before 'Results': For 'distributed multi-site stimuli [29],' read 'elevated extracellular magnesium concentrations.'

- *Results*, third to last paragraph (after the equation ' $\Delta n_{\text{spont}}^{\text{SR}} \equiv n_{\text{base}}^{\text{SR}} - n_{\text{ctrl}}^{\text{SR}}$ '): For 'III.4,' read 'III.3' (two instances), and for '5 or 10 ms later,' read '5 ms later.'

- *Results*, second to last paragraph: For 'III.4,' read 'III.3.'

- *Results*, final paragraph: For 'III.3,' read 'III.4.'

- *Figure 6A*, right panel: For 'III.4,' read 'III.3.'

- *Figure 6B*, two rightmost panels: For 'III.3 (magnesium burst quieting),' read 'III.4 (electrical burst quieting, long tet.)' and vice versa.

- *Figure 6*, caption: For 'III.4,' read 'III.3' and vice versa (several instances). In particular: 'N = 67, 67, 167, 142 for protocols III.1, III.2, III.3, and III.4.'

- *Discussion*, first paragraph following the caption *One successful protocol with burst quieting in Series III*: For 'III.4,' read 'III.3.' For '10 ms,' read '5 ms.'

- *Discussion*, following paragraph: This paragraph ('The fact that ... tetanus') should be dropped entirely.

A version of the article with the above corrections marked is available from the authors' website [2].

References

1. Wagenaar DA, Pine J, Potter SM: **Searching for plasticity in dissociated cortical cultures on multi-electrode arrays.** *J Negat Results Biomed* 2006, **5**:16.
2. Wagenaar DA, Pine J, Potter SM: **Searching for plasticity in dissociated cortical cultures on multi-electrode arrays (with corrections).** [<http://biology.ucsd.edu/~dwagenaar/jnrmb>].