

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

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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 all the above corrections marked is available from the authors’ website, at <http://biology.ucsd.edu/~dwagenaar/jnr/bm>.

References

1. Wagenaar DA, Pine J, Potter SM: Searching for plasticity in dissociated cortical cultures on multi-electrode arrays. *J Negative Results Biomedicine*, 2006, **5**:16.