

CORRECTION

Correction: Nitric Oxide Modulates the Temporal Properties of the Glutamate Response in Type 4 OFF Bipolar Cells

The *PLOS ONE* Staff

[Fig. 2](#) is incorrect. The authors have provided a corrected version here.



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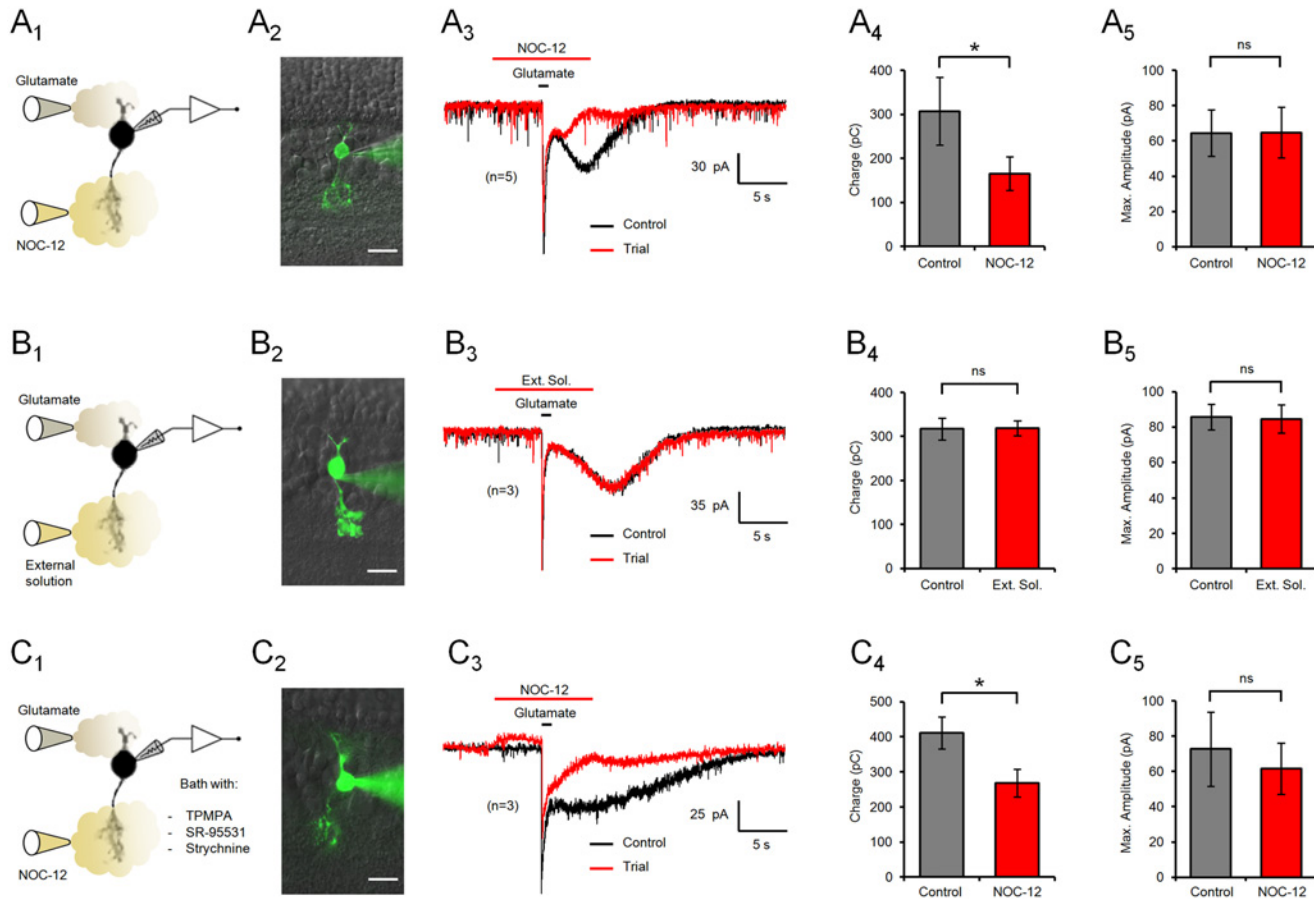


Fig 2. NO modulation of glutamate responses in type 4 CBCs. (A) Representative recordings of glutamate responses of a type 4 OFF CBC, clamped to -60 mV. The experimental setup (A₁) and an image of the lucifer yellow-filled recorded cell (A₂) are shown to the left. (A₃) Application of NO donor NOC-12 (200 μM) only affected the slow component of the glutamate response, by shortening the duration of the electrical response. Bars indicate the stimulus duration. (A₄) Bar diagrams displaying the mean \pm SEM of the total charge transferred during the glutamate response, with and without NO stimulation. (A₅) The maximum amplitude of the glutamate response, measured at the peak of the fast component, remained unaffected by NO. (B) Control experiments with puffs of extracellular solution instead of NOC-12 were ineffective, demonstrating the absence of stimulus or pressure artifacts. (C) Bath application of the GABA_A and GABA_C receptor antagonists SR-95531 and TPMPA, and the glycine receptor blocker strychnine did not affect the modulation of the glutamate response by NO in type 4 CBCs. Image scale bars = 10 μm; ns = not significant.

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Reference

1. Vielma AH, Agurto A, Valdés J, Palacios AG, Schmachtenberg O (2014) Nitric Oxide Modulates the Temporal Properties of the Glutamate Response in Type 4 OFF Bipolar Cells. PLoS ONE 9(12): e114330. doi: [10.1371/journal.pone.0114330](https://doi.org/10.1371/journal.pone.0114330) PMID: [25463389](https://pubmed.ncbi.nlm.nih.gov/25463389/)