

Erratum

Erratum to “Ketamine Administration Reverses Corticosterone-Induced Alterations in Excitatory and Inhibitory Transmission in the Rat Dorsal Raphe Nucleus”

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In the article titled “Ketamine administration reverses corticosterone-induced alterations in excitatory and inhibitory transmission in the rat dorsal raphe nucleus” [1], there was an error in Figures 2 and 3. Figures 2 and 3 images were swapped. These errors occurred during the production process. The correct figures are as follows.

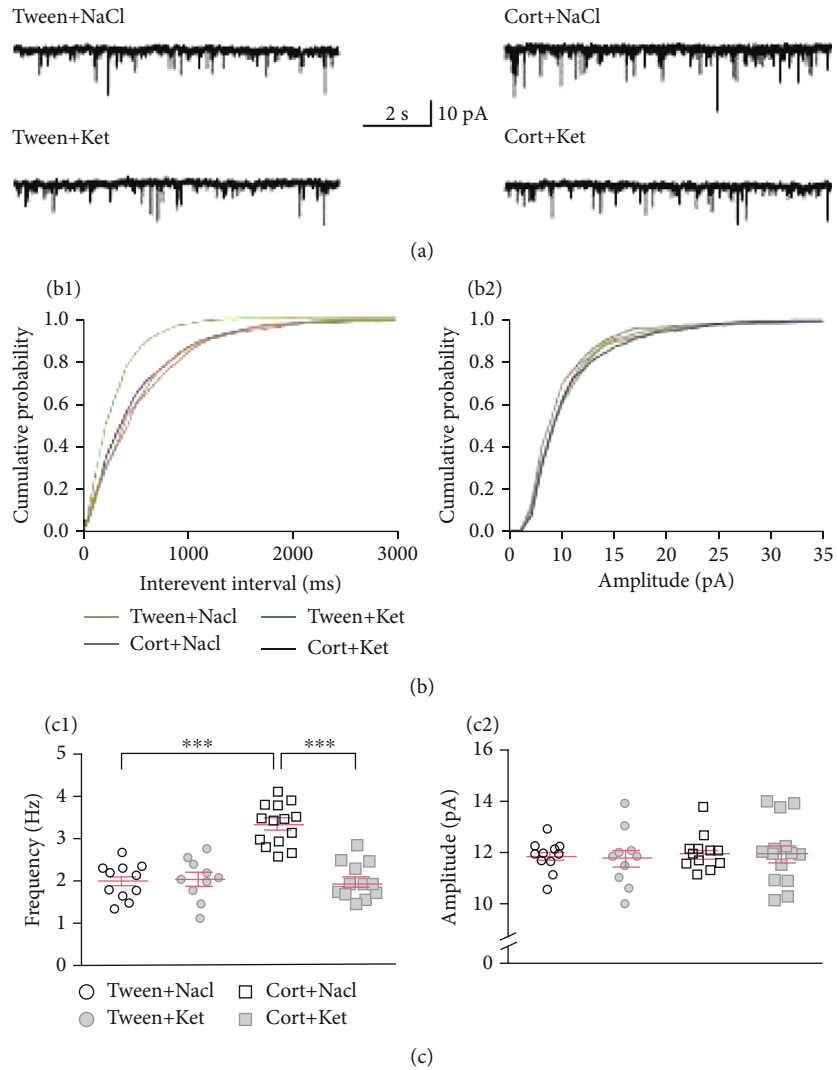


FIGURE 2: Single ketamine injection reverses the effect of repeated corticosterone administration on DRN glutamatergic transmission. (a) Sample recordings from representative neurons in slices prepared from animals treated with Tween+NaCl (upper left trace), Tween+Ket (lower left trace), Cort+NaCl (upper right trace), and Cort+Ket (lower right trace). (b₁) Cumulative probability plots of interevent intervals of sEPSCs recorded from individual representative neurons from all four groups of rats. (b₂) Cumulative probability plots of amplitudes of sEPSCs recorded from individual representative neurons. (c₁) Summary graph showing the mean frequency (\pm SEM) of sEPSCs recorded from all neurons from the Tween+NaCl-, Tween+Ket-, Cort+NaCl-, and Cort+Ket-treated rats. $***p < 0.001$. (c₂) Mean amplitudes (\pm SEM) of sEPSCs recorded from all neurons divided into the four investigated groups of animals (labels as in (c₁)).

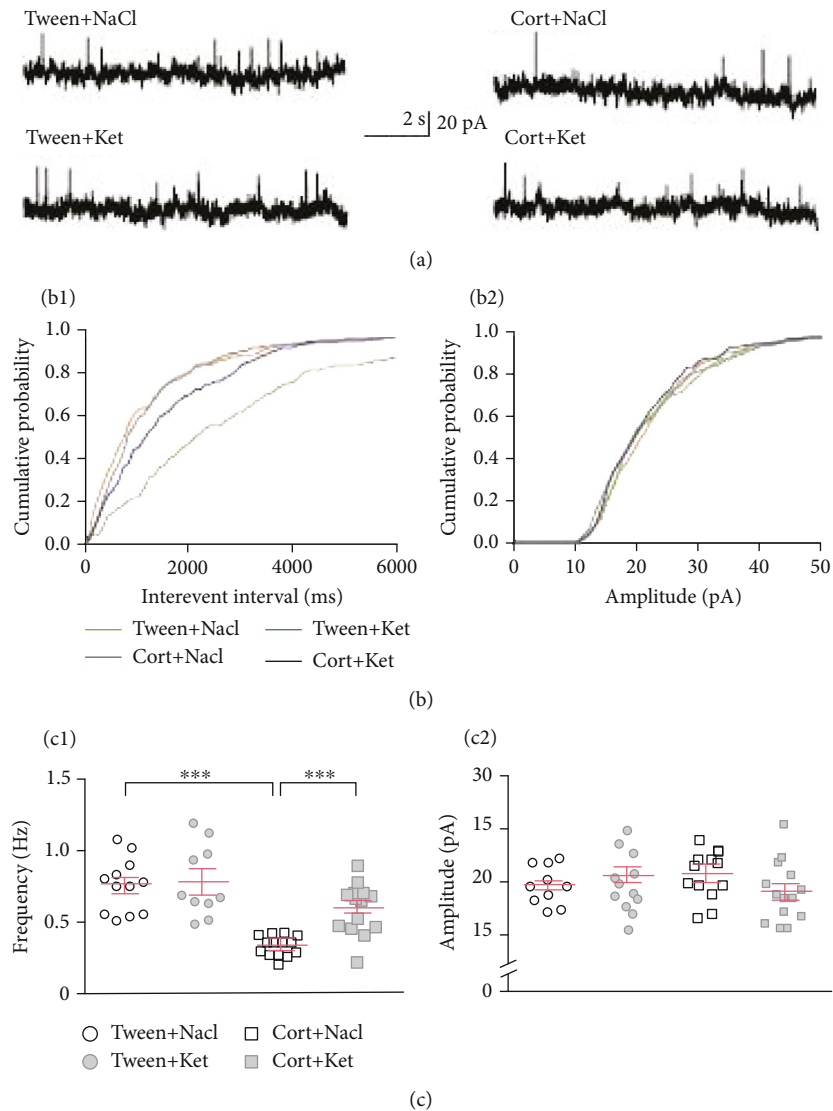


FIGURE 3: Single ketamine injection reverses the effect of repeated corticosterone administration on DRN GABAergic transmission. (a) Sample recordings from representative neurons in slices prepared from animals treated with Tween+NaCl (upper left trace), Tween+Ket (lower left trace), Cort+NaCl (upper right trace), and Cort+Ket (lower right trace). (b₁) Cumulative probability plots of interevent intervals of sIPSCs recorded from individual representative neurons from all four groups of rats. (b₂) Cumulative probability plots of amplitudes of sIPSCs recorded from individual representative neurons. (c₁) Summary graph showing the mean frequency (\pm SEM) of sIPSCs recorded from all neurons from the Tween+NaCl-, Tween+Ket-, Cort+NaCl-, and Cort+Ket-treated rats. $**p < 0.01$ and $***p < 0.001$. (c₂) A comparison of the mean amplitude (\pm SEM) of sIPSCs recorded from all neurons of the four investigated groups of animals (labels as in (c₁)).

References

- [1] J. Sowa, M. Kusek, B. Bobula, G. Hess, and K. Tokarski, "Ketamine administration reverses corticosterone-induced alterations in excitatory and inhibitory transmission in the rat dorsal raphe nucleus," *Neural Plasticity*, vol. 2019, Article ID 3219490, 10 pages, 2019.