

## Erratum to: Time-dependent decreases in nucleus accumbens AMPA/NMDA ratio and incubation of sucrose craving in adolescent and adult rats

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In the published paper of Counotte *et al.*, there was an error in figure 3H, obscuring the bars displaying the rectification index in adult rats. The authors apologize for this error and we reproduce the corrected figure 3 here.

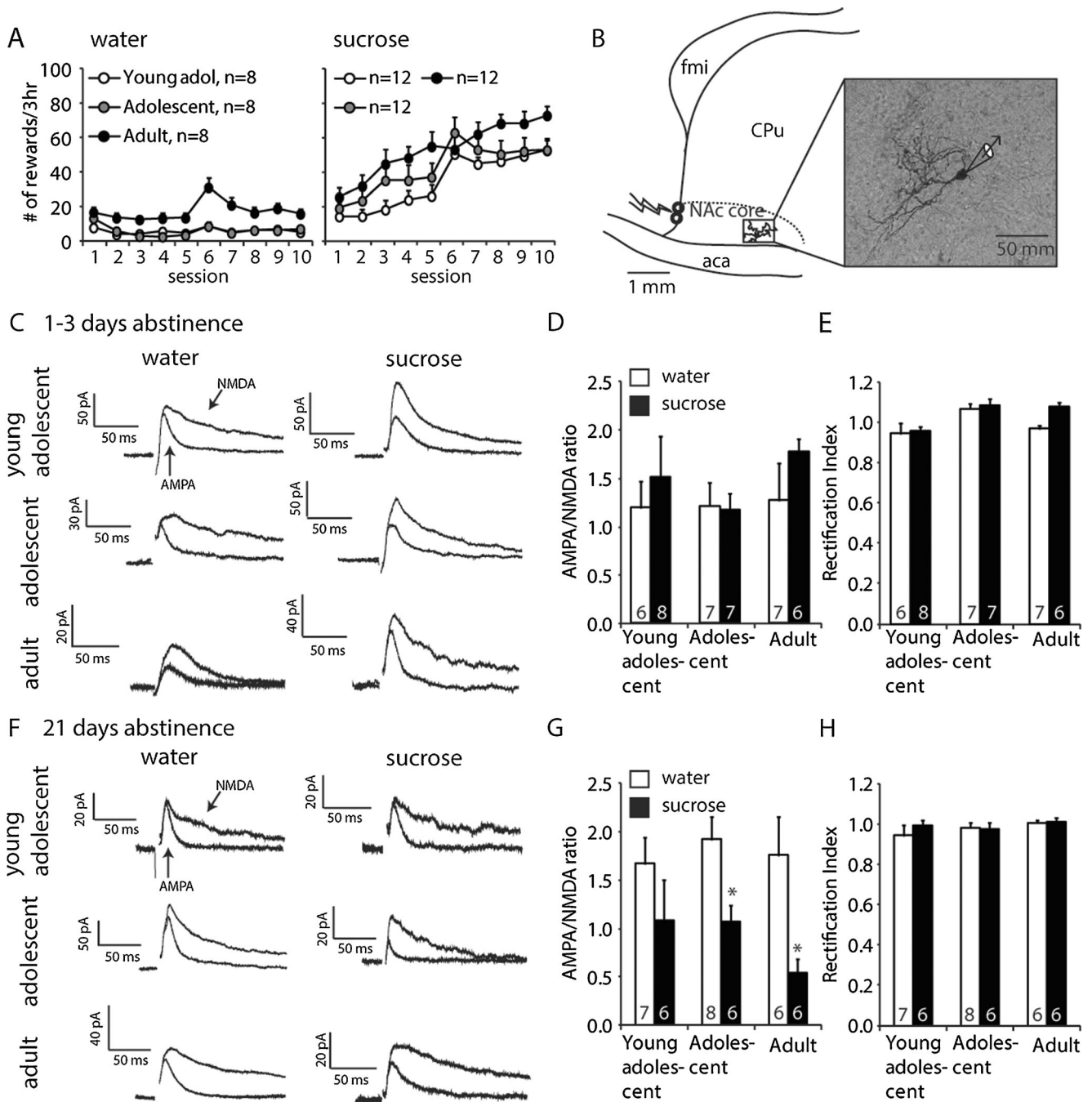
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The online version of the original article can be found at <http://dx.doi.org/10.1007/s00213-013-3294-3>.

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**Fig. 3** AMPA/NMDA ratios in the nucleus accumbens core after 1-3 days or 3 weeks of abstinence from sucrose or water self-administration. **(A)** Mean±sem number of earned rewards in rats trained to self-administer water (left) or sucrose (right) during the training phase. Brains were taken after 1-3 days or 21 days of abstinence without testing for cue-induced reward seeking. **(B)** Schematic of a parasagittal section through the nucleus accumbens core illustrating the relative placement of the stimulating electrode (bolt symbol) and recorded Neurobiotin-stained medium spiny neuron (inset) with respect to the forceps minor (fmi) and anterior commissure (aca). **(C)** Representative traces of medium spiny neurons held at +40 mV in the absence (both AMPA and NMDA) and presence (only AMPA) of the NMDAR antagonist AP5 in rats after 1-3 days of abstinence from self-administered water or sucrose at the three

different age groups. Stimulation artifacts were removed for clarity. **(D)** Mean±sem AMPA/NMDA in NAc after 1-3 days of abstinence from self-administered water (white bars) or sucrose (black bars). The numbers indicate cells per group (n=4-6 rats per group). No more than 2 cells per rat were used. **(E)** Rectification index after 1-3 abstinence days. **(F)** Representative traces of medium spiny neurons after 3 weeks of abstinence from water or sucrose self-administration in the three different age groups. **(G)** Mean±sem AMPA/NMDA ratio in NAc MSNs after 21 days of abstinence. The numbers indicate cells per group (n=4-6 rats per group). No more than 2 cells per rat were used. **(H)** Rectification index after 21 abstinence days. \* Different from the Water condition within each age group,  $p < 0.05$ .