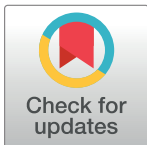


CORRECTION

Correction: Brain changes due to hypoxia during light anaesthesia can be prevented by deepening anaesthesia; a study in rats

Setayesh R. Tasbihgou, Mina Netkova, Alain F. Kalmar, Janine Doorduyn, Michel M. R. F. Struys, Regien G. Schoemaker, Anthony R. Absalom

In [Fig 5](#), the ANOVA test result values for the CA1 region of the hippocampus are incorrect. It should be $F(1,19) = 5.318$; $p = 0.033^*$. Please see the correct [Fig 5](#) here.



OPEN ACCESS

Citation: Tasbihgou SR, Netkova M, Kalmar AF, Doorduyn J, Struys MMRF, Schoemaker RG, et al. (2024) Correction: Brain changes due to hypoxia during light anaesthesia can be prevented by deepening anaesthesia; a study in rats. PLoS ONE 19(5): e0303455. <https://doi.org/10.1371/journal.pone.0303455>

Published: May 3, 2024

Copyright: © 2024 Tasbihgou et al. This is an open access article distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

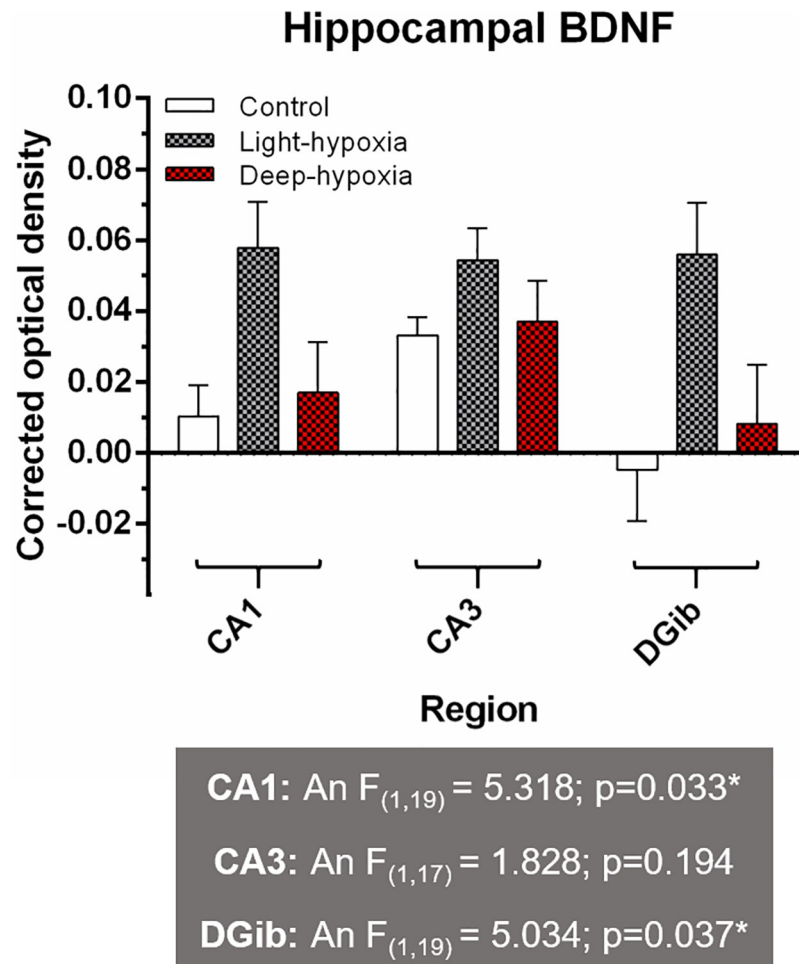


Fig 5. Immunohistochemical analysis of Brain Derived Neurotrophic Factor (BDNF) in the hippocampus. Optical density measurements of BDNF staining in the hippocampus for control, light anaesthesia-hypoxia and deep anaesthesia-hypoxia animals. CA1: Cornu Ammonis 1; CA3: Cornu Ammonis 3; DG: Dentate Gyrus inner blade. The multiple experimental group means were analysed by two-way ANOVA with the factors "anaesthetic depth" (An) and "oxygenation" (Ox) followed by a Bonferroni post-hoc analysis. *: significant difference between groups.

<https://doi.org/10.1371/journal.pone.0303455.g001>

Reference

1. Tasbihgou SR, Netkova M, Kalmar AF, Doorduyn J, Struys MMRF, Schoemaker RG, et al. (2018) Brain changes due to hypoxia during light anaesthesia can be prevented by deepening anaesthesia; a study in rats. PLoS ONE 13(2): e0193062. <https://doi.org/10.1371/journal.pone.0193062> PMID: 29451906