

RETRACTION NOTE

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Retraction Note: Inhibiting the microglia activation improves the spatial memory and adult neurogenesis in rat hippocampus during 48 h of sleep deprivation

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The Editors have retracted this article. After the publication of this article, concerns were raised regarding image overlap. An investigation by the Publisher has found that raw images for Figs. 5e and 9e do not match with published images. The authors were unable to provide evidence of ethical approval before the start of this study.

Image Concerns:

- Partial image overlap in Fig. 5e specifically between CA1 × 400, CC + veh and CA1 × 400, SD + Mino.
- Partial image overlap in Fig. 5e specifically between CA1 × 400, CC + Mino and CA1 × 400, SD + Mino.

- Partial image overlap in Fig. 9e specifically between CA3 × 400, CC + TMZ and CA3 × 400, CC + TMZ + Mino.
- Partial image overlap in Fig. 9e specifically between CA3 × 400, CC + TMZ and CA3 × 400, SD + TMZ + Mino.

The Editors therefore no longer have confidence in the integrity of the data presented in this article.

None of the authors have responded to any correspondence from the editor/publisher about this retraction.

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