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## EDITED AND REVIEWED BY

Jia Zhao,  
The University of Hong Kong,  
Hong Kong SAR, China

## \*CORRESPONDENCE

Chuan-Feng Tang  
✉ tangchuanfeng@njucm.edu.cn  
Jian-Mei Li  
✉ lijianmei@njnu.edu.cn  
Sheng-Jie Li  
✉ lishengjie@njxzc.edu.cn

<sup>†</sup>These authors have contributed equally to this work

RECEIVED 06 December 2025

REVISED 06 December 2025

ACCEPTED 09 December 2025

PUBLISHED 05 January 2026

## CITATION

Tang C-F, Li F, Ma L-H, Wang Q-N, Xie P-F, Xiang L, Zhu Y-J, Wang Y-Y, Zhang Y-Z, Shi J-J, Li S-J and Li J-M (2026) Correction: Danggui Shaoyao San attenuates depressive-like behaviors in mice via TLR4/NF- $\kappa$ B p65/JAK-STAT3/AKT-GSK3 $\beta$  signaling pathways: modulation of hippocampal neurogenesis and neuroinflammation. *Front. Nutr.* 12:1761855. doi: 10.3389/fnut.2025.1761855

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# Correction: Danggui Shaoyao San attenuates depressive-like behaviors in mice via TLR4/NF- $\kappa$ B p65/JAK-STAT3/AKT-GSK3 $\beta$ signaling pathways: modulation of hippocampal neurogenesis and neuroinflammation

Chuan-Feng Tang<sup>1\*†</sup>, Fan Li<sup>2,3†</sup>, Lu-Han Ma<sup>1</sup>, Qiao-Na Wang<sup>2</sup>, Peng-Fei Xie<sup>2,3</sup>, Lang Xiang<sup>1</sup>, Yu-Jie Zhu<sup>1</sup>, Yue-Yao Wang<sup>1</sup>, Yi-Zhu Zhang<sup>1</sup>, Jun-Jie Shi<sup>2</sup>, Sheng-Jie Li<sup>2\*</sup> and Jian-Mei Li<sup>3\*</sup>

<sup>1</sup>State Key Laboratory of Technologies for Chinese Medicine Pharmaceutical Process Control and Intelligent Manufacture, Department of Pharmacy, Nanjing University of Chinese Medicine, Nanjing, China, <sup>2</sup>School of Food Science, Nanjing Xiaozhuang University, Nanjing, China, <sup>3</sup>School of Food Science and Pharmaceutical Engineering, Nanjing Normal University, Nanjing, China

## KEYWORDS

DSS, depression, hippocampal neurogenesis, hippocampal inflammation, TLR4/NF- $\kappa$ B p65, JAK2/STAT3 and AKT-GSK3 $\beta$  signaling pathways

## A Correction on

**Danggui Shaoyao San attenuates depressive-like behaviors in mice via TLR4/NF- $\kappa$ B p65/JAK-STAT3/AKT-GSK3 $\beta$  signaling pathways: modulation of hippocampal neurogenesis and neuroinflammation**

by Tang, C.-F., Li, F., Ma, L.-H., Wang, Q.-N., Xie, P.-F., Xiang, L., Zhu, Y.-J., Wang, Y.-Y., Zhang, Y.-Z., Shi, J.-J., Li, S.-J., and Li, J.-M. (2025). *Front. Nutr.* 12:1652968. doi: 10.3389/fnut.2025.1652968

There was a mistake in **Figure 5** as published. The images for CTL and Flouoxetine groups in the CA2 region were incorrect during the preparation. The corrected **Figure 5** and its caption appear below.

An incorrect number was provided for the grant Natural Science Foundation of Jiangsu Province. The incorrect number was written as, “012071002966, C-FT”. The correct number is “BK20250770, C-FT”.

The original version of this article has been updated.

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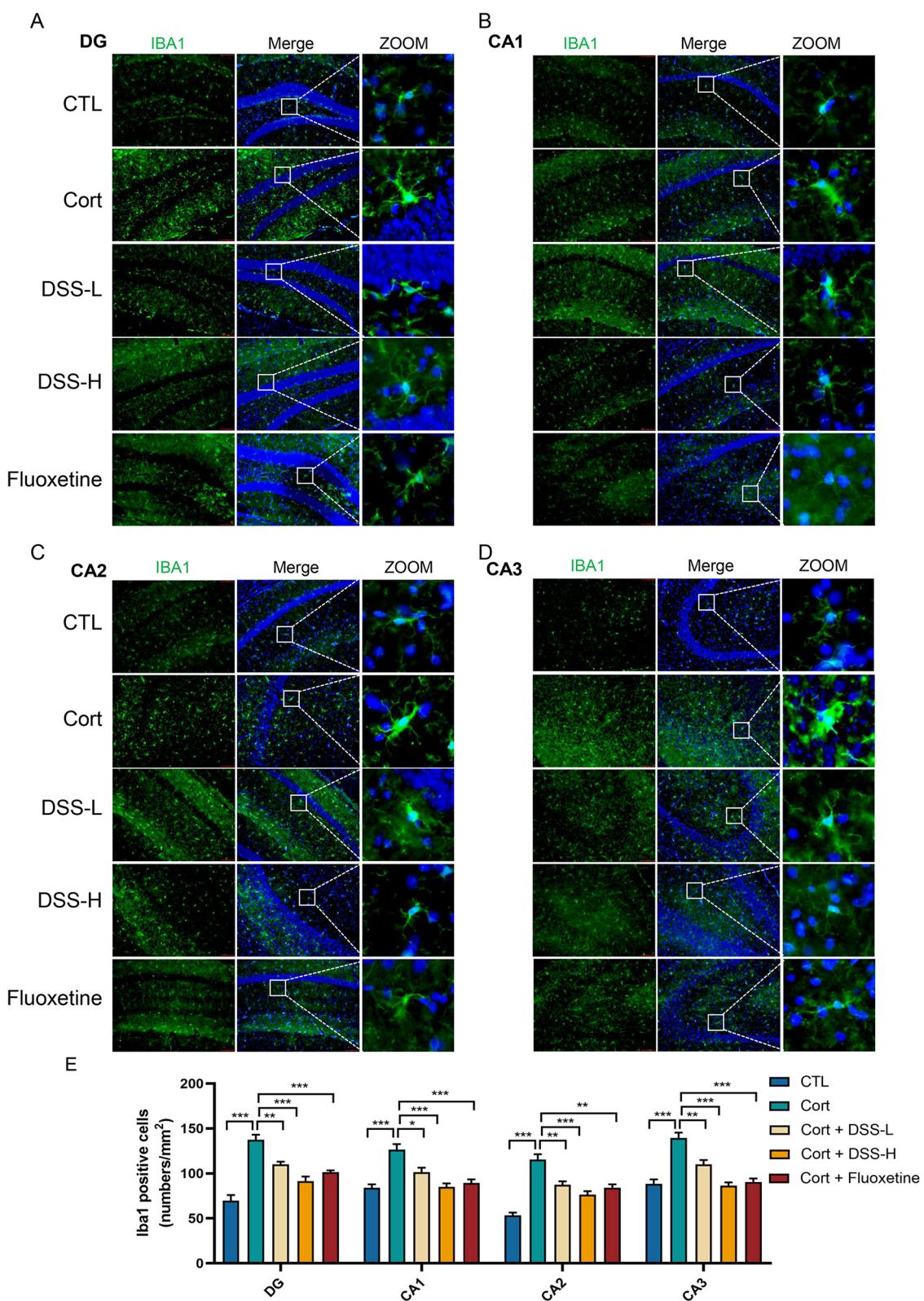


FIGURE 5

DSS suppresses hippocampal neuroinflammation in mice. **(A)** Staining using coronal section of mouse, representative images labeled with IBA1 was shown in the dentate gyrus (DG) region of the mice's hippocampus. **(B)** Representative images of IBA1 labeling in the CA1 region of the mouse hippocampus. **(C)** Representative images of IBA1 labeling in the CA2 region of the mouse hippocampus. **(D)** Representative images of IBA1 labeling in the CA3 region of the mouse hippocampus. **(E)** Quantification of microglia labeled with IBA1 in the mouse hippocampus. Data are expressed as Mean  $\pm$  SEM,  $n = 3$ , \* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$ .