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Correction: *Sargassum pallidum* reduces inflammation to exert antidepressant effect by regulating intestinal microbiome and ERK1/2/P38 signaling pathway

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KEYWORDS

sargassum pallidum, network pharmacology, inflammation, antidepressant, gut microbiota

A Correction on

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There was a mistake in [Figure 2](#) as published. The cell morphology images of the “Control group”, “Model group”, and “PAR group” in [Figure 2C](#) were accidentally misused due to confusion in the management of the experimental archive files, using some images from previous studies of the research group under the same experimental conditions. The immunofluorescence images of the “IL-1 β Control group” and “IL-6 Control group” in [Figure 2N](#) were mistakenly pasted with the same control group image due to file classification errors during image export. The corrected [Figure 2](#) appears below.

The original article has been updated.

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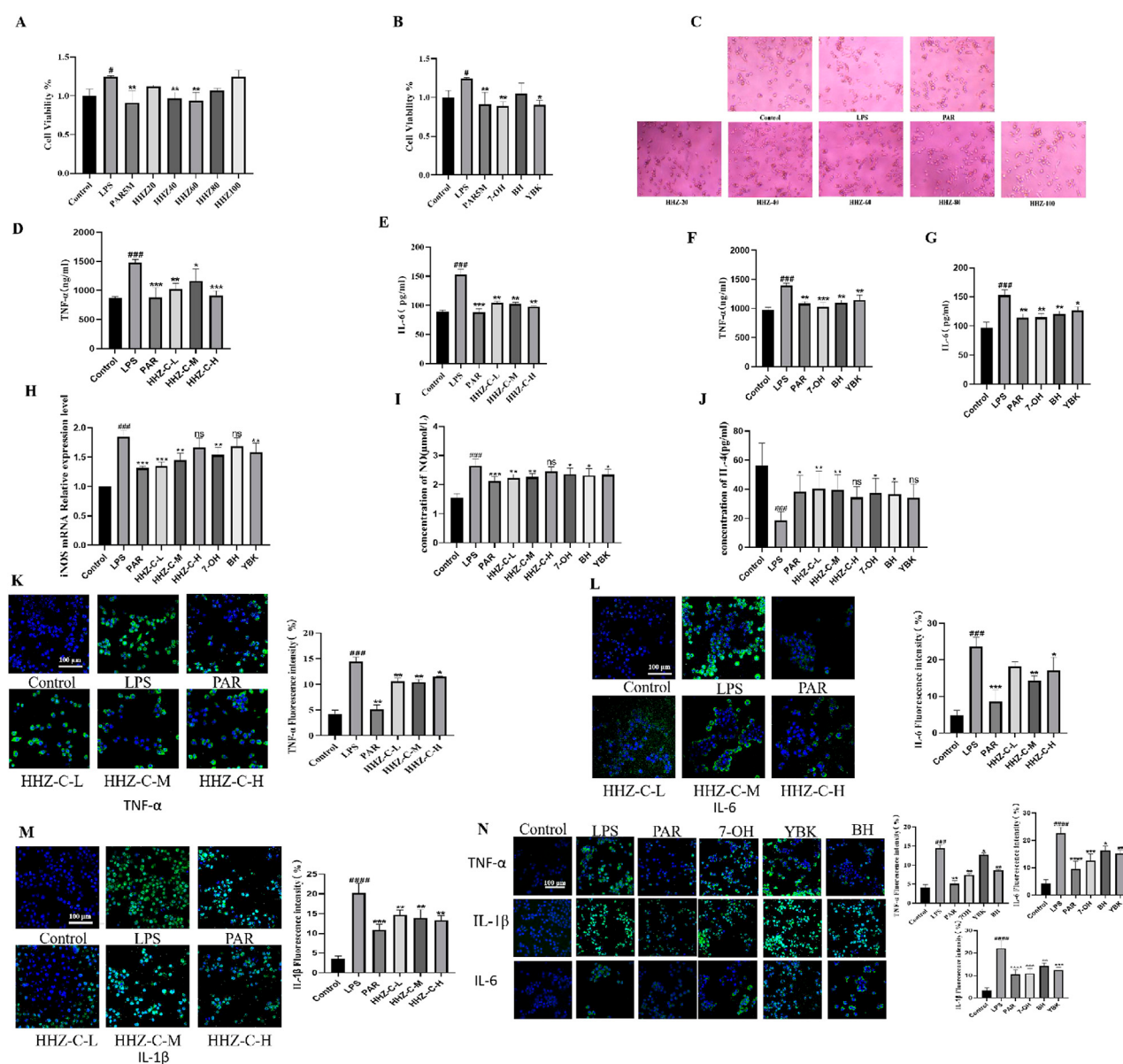


FIGURE 2

Protective effect of HHZ on LPS-induced inflammation in BV2 cells. (A,B) CCK-8 cell viability detection of HHZ extract and its active ingredient. (C) The effect of HHZ extract and LPS on the morphology of BV2 microglial cells (100X). (D–G) ELISA detection of TNF-α and IL-6 levels in BV2 cells. (H–J) After treatment with medicated serum, the expression levels of iNOS, NO, and IL-4 in BV2 cells. (K–N) Immunofluorescence analysis of TNF-α, IL-6, IL-1β. Values represent the mean ± SD. #*p* < 0.05, ##*p* < 0.01, ###*p* < 0.001, ####*p* < 0.0001 means significant difference compared with the control group; **p* < 0.05, ***p* < 0.01, ****p* < 0.001, *****p* < 0.0001 means significant difference compared with LPS group.

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