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EDITED BY

Shanghai Children's Medical Center, China

REVIEWED BY
Wen Wang,
Capital Medical University, China
Ling Zhao,
Southwest Medical University, China

*CORRESPONDENCE
Naihong Chen,

☑ chennh@imm.ac.cn

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Corrigendum: Ginsenoside Rg1 ameliorates neuroinflammation via suppression of connexin43 ubiquitination to attenuate depression

Huiqin Wang^{1,2}, Yantao Yang¹, Songwei Yang¹, Siyu Ren¹, Juling Feng¹, Yangbo Liu¹, Haodong Chen¹ and Naihong Chen^{1,2}*

¹Hunan University of Chinese Medicine and Hunan Engineering Technology Center of Standardization and Function of Chinese Herbal Decoction Pieces, Changsha, China, ²State Key Laboratory of Bioactive Substances and Functions of Natural Medicines, Institute of Materia Medica and Neuroscience Center, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

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A Corrigendum on

Ginsenoside Rg1 ameliorates neuroinflammation via suppression of connexin43 ubiquitination to attenuate depression

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In the published article, there was an error in Figure 7 as published. The images for IC-CM and IC-CM + Rg1 in panel A need to be corrected. The added panel C provides an additional statistical indicator to increase the reliability of the results. The corrected Figure 7 and its caption appear below.

In the published article, there is an update.

A correction has been made to **Results**, *Rg1 ameliorates inflammation-induced gap junction dysfunction in glial cells*, Paragraph Number 1. The two sentences previously stated:

"As shown in Figure 7, the gap junction intercellular communication in the IC-CM group was impaired, manifesting that inflammation attacked severe depression. While Rg1 could normalize inflammatory cytokines-induced reduction of diffusion area of fluorescence, demonstrating that Rg1 could ameliorate inflammation-induced dysfunction of gap junctions in glial cells."

The corrected sentences appear below:

"As shown in Figure 7, the gap junction intercellular communication in the IC-CM group was impaired, manifesting that inflammation attacked severe depression. While Rg1 could normalize inflammatory cytokines-induced reduction of diffusion area of fluorescence (Figures 7A, B) and number of diffusion cells (Figure 7C), demonstrating that Rg1 could ameliorate inflammation-induced dysfunction of gap junctions in glial cells."

The authors apologize for these errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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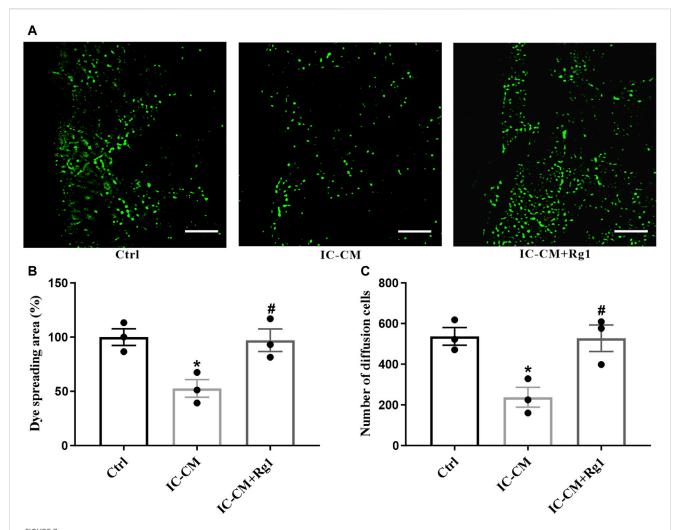


FIGURE 7 Rg1 ameliorates inflammation-induced gap junctional dysfunction in glial cells. The SLDT assay was conducted to detect the influence of Rg1 or inflammatory cytokines on gap junction intercellular communication (A), which was indicated by the dye spreading area (B) and number of diffusion cells (C). Scale bar = $100 \mu m$. n = 3. *p < 0.05, compared with the Ctrl group; *p < 0.05, compared with the IC-CM group. SLDT, scrape-loading and dye transfer; IC-CM, inflammatory cytokines-conditioned medium.

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