

RETRACTION NOTE

Open Access



Retraction Note: Mesenchymal stem cell-derived exosome miR-542-3p suppresses inflammation and prevents cerebral infarction

Guofeng Cai^{1*}, Guoliang Cai^{2,3}, Haichun Zhou^{1†}, Zhe Zhuang¹, Kai Liu¹, Siying Pei¹, Yanan Wang¹, Hong Wang¹, Xin Wang¹, Shengnan Xu⁴, Cheng Cui⁴, Manchao Sun⁴, Sihui Guo⁴, Kunping Jia¹, Xiuzhen Wang¹ and Dianquan Zhang^{5†}

Retraction Note To: *Stem Cell Research & Therapy* (2021) 12:2

<https://doi.org/10.1186/s13287-020-02030-w>

The Editors-in-Chief have retracted this paper after the authors reported discrepancies in the data. Specifically, the authors have stated that the data presented in the paper is incomplete; that the analysis did not use appropriate statistical tests, and that the combination of these factors resulted in inaccurate conclusions that are not supported by the data. Further investigation from the publisher has found that Figure 4B displays the same image as Figure 1D in Gou et al. [1]. The authors were not able to provide a satisfactory explanation for the overlap. All authors agree to this retraction.

Reference

1. Gou L, Xue C, Tang X, Fang Z. Inhibition of Exo-miR-19a-3p derived from cardiomyocytes promotes angiogenesis and improves heart function in mice with myocardial infarction via targeting HIF-1 α . *Aging* (Albany NY). 2020;12:23609–18. <https://doi.org/10.18632/aging.103563>.

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

Published online: 16 January 2023

[†]Dianquan Zhang and Haichun Zhou contributed equally to this study as co-first authors

The original article can be found online at <https://doi.org/10.1186/s13287-020-02030-w>.

*Correspondence:

Guofeng Cai
cangjiong1973@163.com

¹ Hanan Branch of Second Affiliated Hospital of Heilongjiang University of Traditional Chinese Medicine, Harbin 150001, China

² Postdoctoral Research Workstation of Harbin Sport University, Harbin, China

³ Department of Sport Science and Health, Harbin Sport University, Harbin 150008, China

⁴ Heilongjiang University of Traditional Chinese Medicine, Harbin 150001, China

⁵ Department of Rehabilitation Medicine, Shenzhen Longhua District Central Hospital, Shenzhen, Guangdong Province, China

