

RETRACTION NOTE

Open Access



Retraction Note to: EV71 virus reduces Nrf2 activation to promote production of reactive oxygen species in infected cells

Zhenzi Bai^{1†}, Xiaonan Zhao^{1†}, Chenghua Li¹, Chuanlun Sheng¹ and Hongyan Li^{1*}

Retraction to: Bai et al. *Gut Pathog* (2020) 12:22
<https://doi.org/10.1186/s13099-020-00361-w>.

The editors have retracted this article. After publication, concerns were raised regarding similarities of western blots, fluorescence images and flow cytometry plots presented in Figs. 1, 2, 3, 4, 5, 6, 7 and 9 with other papers that were either published earlier or under consideration within a similar time frame [1–6]. Additionally, some of the flow cytometry plots appear to be duplicated in Figs. 6 and 9, and a number of western blots appear highly similar in Figs. 3, 5 and 7.

The authors have confirmed that incorrect images were used in this article, and the raw data are no longer available.

The editors therefore no longer have confidence in the presented data.

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

Published online: 28 November 2023

[†]Zhenzi Bai and Xiaonan Zhao contributed equally to this work and should be considered as equal first coauthors.

The online version of the original article can be found at <https://doi.org/10.1186/s13099-020-00361-w>.

*Correspondence:

Hongyan Li
hongyanliy@163.com

¹Infectious Department, China-Japan Union Hospital, Jilin University, No.126, Xiantai Street, Economic Development Zone, Changchun 130033, Jilin, China

References

1. Xiong Z, Li B, Wang W, et al. RETRACTED ARTICLE: MiR-140 targets RAP2A to enable the proliferation of insulin-treated ovarian granulosa cells. *J Ovarian Res.* 2020;13:13. <https://doi.org/10.1186/s13048-020-0611-4>.
2. Li B, Zheng J. MicroR-9-5p suppresses EV71 replication through targeting NFκB of the RIG-I-mediated innate immune response. *FEBS open bio.* 2018;8:9 1457–70. <https://doi.org/10.1002/2211-5463.12490>.
3. Chen T, Zhang Y, Liu Y, Zhu D, Yu J, Li G, et al. MiR-27a promotes insulin resistance and mediates glucose metabolism by targeting PPAR-γ-mediated PI3K/AKT signaling. *Aging.* 2019;11(18):7510. <https://doi.org/10.18632/aging.102263>.
4. Ni L, Yu J, Gui X, Lu Z, Wang X, Guo H, Zhou Y. Overexpression of RPN2 promotes osteogenic differentiation of hBMSCs through the JAK/STAT3 pathway. *FEBS Open Bio.* 2020;10(1):158–67. <https://doi.org/10.1002/2211-5463.12766>.
5. Huang L, Jian Z, Gao Y, Zhou P, Zhang G, Jiang B, Lv Y. RPN2 promotes Metastasis of hepatocellular carcinoma cell and inhibits autophagy via STAT3 and NF-κB pathways. *Aging.* 2019;11(17):6674. <https://doi.org/10.18632/aging.102167>.
6. Li G, Tan W, Fang Y, Wu X, Zhou W, Zhang C, et al. circFADS2 protects LPS-treated chondrocytes from apoptosis acting as an interceptor of miR-498/mTOR cross-talking. *Aging.* 2019;11(10):3348. <https://doi.org/10.18632/aging.101986>.

Publisher's Note

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



© The Author(s) 2023. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.