

RETRACTION NOTE

Open Access



Retraction Note to: Downregulating lncRNA NEAT1 induces proliferation and represses apoptosis of ovarian granulosa cells in polycystic ovary syndrome via microRNA-381/IGF1 axis

Jingran Zhen¹, Jiangli Li², Xia Li³, Xue Wang¹, Yaling Xiao¹, Zhengyi Sun^{1*} and Qi Yu^{1*}

Retraction to: *J Biomed Sci* (2021) 28:53
<https://doi.org/10.1186/s12929-021-00749-z>

The Editor-in-Chief has retracted this Article. Concerns were raised about the authenticity of the western blot data. The Authors were unable to provide uncropped images of the original gels. Additionally, there are fundamental flaws in the flow cytometry apoptosis assay methodology. The Editor-in-Chief therefore no longer has confidence in the data and conclusions of this study.

Zhengyi Sun agrees to this retraction. Jingran Zhen has not explicitly stated whether they agree to this retraction notice. Qi Yu does not agree to this retraction. Jiangli Li, Xia Li, Xue Wang and Yaling Xiao have not responded to any correspondence from the editor about this retraction.

Author details

¹Department of Gynecological Endocrinology and Reproduction Center, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences, 41 Damucang Hutong, Xicheng, Beijing, China. ²Department of Obstetrics and Gynecology, Zhongguancun Hospital, Beijing 100080, China. ³Community Health Service Center, Beijing Forestry University, Beijing 100053, China.

Published online: 30 March 2022

Publisher's Note

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

The original article can be found online at <https://doi.org/10.1186/s12929-021-00749-z>.

*Correspondence: sunzhengyi@263.net; YYYuqi577@163.com

¹ Department of Gynecological Endocrinology and Reproduction Center, Peking Union Medical College Hospital, Chinese Academy of Medical Sciences, 41 Damucang Hutong, Xicheng, Beijing, China
Full list of author information is available at the end of the article



© The Author(s) 2022. **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.