

RETRACTION NOTE

Open Access



Retraction Note: Glycol chitosan incorporated retinoic acid chlorochalcone (RACC) nanoparticles in the treatment of Osteosarcoma

Yan-Guo Qin^{1*}, Lan-Yu Zhu², Chen-Yu Wang³, Bo-Yan Zhang³, Qing-Yu Wang¹, Rui-Yan Li¹ and Zhen Liu¹

Retraction to: *Lipids Health Dis* 14, 70 (2015)
<https://doi.org/10.1186/s12944-015-0068-4>

The Editor in Chief has retracted this article [1] because of significant concerns regarding a number of Figures presented in this work, which question the integrity of the data. The authors have contacted the journal to say they were unable to replicate data presented in Figure 2A and C. In addition, concerns were raised by readers regarding:

- Figure 3A and 3B - similarities between bands within western blot
- Figure 4A- several areas appear to be repeated throughout the panels. It also appears Figure 4A was published by unrelated authors in a different article, which has since been retracted [2]
- Figure 6 - it appears the graphs representing results from different cell lines are very similar, but with different labels and quantification.
- Figure 7D - similarities between bands within each blot. It appears some bands have been repeated. It also appears a similar Western blot has been published earlier [3] in a different article by unrelated authors as Figure 4A.

- Figure 8 C, D, E and F where it appears several areas of the image are repeated throughout that image.

The authors did not respond to these concerns. They stated that the results cannot be reproduced.

The corresponding author Yan-Guo Qin stated on behalf of all co-authors that they agree to this retraction.

Author details

¹Department of Orthopedics, The Second Hospital of Jilin University, Changchun 130041, Jilin, China. ²Nursing School, Changchun University of Chinese Medicine, Changchun 130117, Jilin, China. ³Norman Bethune Medical School, Jilin University, Changchun 130021, Jilin, China.

Published online: 30 November 2020

References

1. Qin Y, Zhu L, Wang C, Zhang B, Wang Q, Li R, Liu Z. Glycol chitosan incorporated retinoic acid chlorochalcone (RACC) nanoparticles in the treatment of Osteosarcoma. *Lipids Health Dis*. 2015. <https://doi.org/10.1186/s12944-015-0068-4>.
2. RETRACTED Lu H, Ma J, Zhuang Z, Zhang Y, Cheng H, Shi J. Retinoic acid-incorporated glycol chitosan nanoparticles inhibit the expression of Ezh2 in U118 and U138 human glioma cells Retraction in /10.3892/mmr.2016.5130. *Mol Med Rep*. 2015. <https://doi.org/10.3892/mmr.2015.4294>.
3. Zhong J, Hou J. A novel retinoic acid chalcone reverses epithelial-mesenchymal transition in prostate cancer cells. *Bangladesh J Pharmacol*. 2015. <https://doi.org/10.3329/bjp.v10i2.22602>.

The original article can be found online at <https://doi.org/10.1186/s12944-015-0068-4>.

* Correspondence: qinyanguo0987@gmail.com

¹Department of Orthopedics, The Second Hospital of Jilin University, Changchun 130041, Jilin, China

Full list of author information is available at the end of the article



© The Author(s). 2020 **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.