EDITORIAL EXPRESSION OF CONCERN

Open Access



Expression of Concern: Curcuminand resveratrol-co-loaded nanoparticles in synergistic treatment of hepatocellular carcinoma

Yongshun Zheng¹, Ran Jia¹, Jun Li¹, Xiaohe Tian^{2,3*} and Yeben Qian^{1*}

Expression of Concern: Journal of Nanobiotechnology (2022) 20: 339

https://doi.org/10.1186/s12951-022-01554-y

The Editor-in-Chief would like to alert the readers that concerns have been raised regarding the data presented in Fig. 6a.

After publication, a reader noted high similarity between Fig. 6a Spleen images representing the CUR+RSV and NP groups. The authors stated that the images from the same sample were included in the figure by mistake, and provided the full original data for validation. However, further checks by the Publisher and Associate Editors identified potential issues in sample

preparation in the majority of the original images, deeming that the data were insufficient to fully support the authors' statement that the tissues displayed no abnormalities or organ damage.

Readers are therefore advised to interpret these results with caution.

Yeben Qian has stated on behalf of all authors that they agree to this Editorial Expression of Concern.

Published online: 10 April 2025

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/s1 2951-022-01554-y.

*Correspondence: Xiaohe Tian xiaohe.t@wchscu.cn Yeben Qian qianyeben@hotmail.com

¹Department of General Surgery, The First Affiliated Hospital of Anhui Medical University, 218 Jixi Road, Hefei 230022, Anhui, China ²Department of Radiology and National Clinical Research Center for Geriatrics, Functional and Molecular Imaging Key Laboratory of Sichuan Province, Huaxi MR Research Centre (HMRRC), West China Hospital of Sichuan University, Chengdu 610000, China

³Department of Chemistry, Key Laboratory of Functional Inorganic Material Chemistry of Anhui Province, School of Life Science, Anhui University, Hefei 230000, China



© The Author(s) 2025. **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.