#### Retraction

# Retraction of: Exosomal miR-200c suppresses chemoresistance of docetaxel in tongue squamous cell carcinoma by suppressing TUBB3 and PPP2R1B

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This article has been retracted: Aging has completed its investigation of this paper. We found several instances of overlap between figures and replication of tumor images from a previously published unrelated paper. Specifically, two transwell assay images in Figure 6C, representing cell migration data, overlap panels 1 and 3, and panel 5 overlaps panel 1 in Figure 3H, illustrating data from invasion assays. Panel 3 in Figure 6B, representing data from invasion assays, overlaps panel 4, while panel 1 in Figure 6B overlaps panel 5 in Figure 8K, illustrating cell migration ability. In addition, transwell assay images in Figure 7E replicate tumor images in Figure 4F of a paper published earlier by a different group of authors [2]. Moreover, the same images were later reproduced in [3], which also used tumor images in Figure 4E. Additionally, the same distinctively scratched ruler was used to measure xenograft tumors in a number of other papers from unrelated teams of authors [2–4].

The Scientific Integrity office at Aging contacted the authors, but they did not respond to requests to clarify, and the paper was retracted based on an Editorial decision. The Scientific Integrity office also notified the authors' Institutions about this retraction and added their names to an Editorial Warning list.

## **REFERENCES**

- Zhu Z, Wang H, Pang Y, Hu H, Zhang H, Wang W. Exosomal long non-coding RNA UCA1 functions as growth inhibitor in esophageal cancer. Aging (Albany NY). 2020; 12:20523–39. <u>https://doi.org/10.18632/aging.103911</u> PMID:<u>33122449</u> Retraction in: Aging (Albany NY). 2022; 14:8581. <u>https://doi.org/10.18632/aging.204366</u> PMID:<u>33122449</u>
- Liu L, Wang L, Li X, Tian P, Xu H, Li Z, Liu E. Effect of miR-21 on apoptosis in hepatoblastoma cell through activating ASPP2/p38 signaling pathway *in vitro* and *in vivo*. Artif Cells Nanomed Biotechnol. 2019; 47:3729–36. <u>https://doi.org/10.1080/21691401.2019.1664561</u> PMID:<u>31535570</u>

- Wen Z, Feng Y, Hu Y, Lian L, Huang H, Guo L, Chen S, Yang Q, Zhang M, Wan L, Xu K, Degejirifu, Yan X. Multiwalled carbon nanotubes co-delivering sorafenib and epidermal growth factor receptor siRNA enhanced tumor-suppressing effect on liver cancer. Aging (Albany NY). 2021; 13:1872–82. <u>https://doi.org/10.18632/aging.103905</u> PMID:<u>33440348</u> Retraction in: Aging (Albany NY). 2024; 16:11120–1. <u>https://doi.org/10.18632/aging.206013</u> PMID:<u>33440348</u>
- Shi L, Wang Z, Geng X, Zhang Y, Xue Z. Exosomal miRNA-34 from cancer-associated fibroblasts inhibits growth and invasion of gastric cancer cells *in vitro* and *in vivo*. Aging (Albany NY). 2020; 12:8549–64. <u>https://doi.org/10.18632/aging.103157</u>
  PMID:<u>32391804</u>
  Betraction in: Aging (Albany NY). 2023; 15:8530. https://doi.org/10.18632/aging.205020

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