

Retraction

Retraction: Tumor growth suppression by inhibiting both autophagy and STAT3 signaling in HNSCC**Teng-Fei Fan^{1,*}, Lin-Lin Bu^{1,*}, Wei-Ming Wang¹, Si-Rui Ma¹, Jian-Feng Liu¹, Wei-Wei Deng¹, Liang Mao¹, Guang-Tao Yu¹, Cong-Fa Huang¹, Bing Liu², Wen-Feng Zhang^{1,2} and Zhi-Jun Sun^{1,2}**

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Published: April 24, 2026

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This article has been retracted: Oncotarget has completed its investigation of this paper, which identified several instances of internal image duplication, overlap, and the reuse of images in a later published article by the same group [1], despite representing different experiments:

- Figure 1A: The fluorescence microscopy image (Hoechst 33258 staining) is a duplicate of the image in Supplementary Figure 2A.
- Figure 1D: The Western blot for STAT3 is a duplicate of the STAT blot in Supplementary Figure 2C. This image was also reused in Figure 4B of a 2016 paper by the same group [1].
- Figure 2B: The Western blot for Beclin1 is a duplicate of the pAkt blot in Figure 4A.
- Figure 2D: The Western blots for GAPDH and LC3 are duplicates of the images in Figures 3A, 3C and 3E, respectively.
- Figure 3C: The Western blot for LC3 overlaps with the image in Figure 3E.
- Figure 3E: The Western blot for GAPDH is a duplicate of the image in Supplementary Figure 1B.
- Figure 4A, 4C: The Western blots for GAPDH and Erk1/2 are duplicates of the corresponding images in Figure 4D.
- Figure 5C: The third and fourth IHC images for the p62 stained group overlap; additionally, the second image overlaps with the IHC image for LAMP2 in Figure 6A.
- Supplementary Figure 2A: The Tunnel assay control image (0 uM) overlaps with the 50 uM image.

The authors initially requested a correction; however, given the volume of inconsistencies, they subsequently requested a retraction. The editorial decision has been made to retract the article, and the authors have been notified of this final decision, but have not responded.

Original article: Oncotarget. 2015; 6:43581–43593. <https://doi.org/10.18632/oncotarget.6294>

REFERENCES

1. Fan TF, Wu TF, Bu LL, Ma SR, Li YC, Mao L, Sun ZJ, Zhang WF. Dihydromyricetin promotes autophagy and apoptosis through ROS-STAT3 signaling in head and neck squamous cell carcinoma. Oncotarget. 2016; 7:59691–703. <https://doi.org/10.18632/oncotarget.10836>. [PubMed]