

RETRACTION NOTE

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Retraction Note: ZKSCAN3 drives tumor metastasis via integrin β 4/FAK/AKT mediated epithelial-mesenchymal transition in hepatocellular carcinoma

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The Editor in Chief has retracted this article because after publication it was noted that Fig. 6C has been previously published in another publication [1] and due to an overlap of the image in Fig. 2D with another publication [2]. The Editor in Chief has therefore lost confidence in the integrity of the results of this article.

Nan Yang has agreed to this retraction on behalf of all authors.

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References

1. Xu Q, Liu X, Liu Z, et al. MicroRNA-1296 inhibits metastasis and epithelial-mesenchymal transition of hepatocellular carcinoma by targeting SRPK1-mediated PI3K/AKT pathway. *Mol Cancer*. 2017;16:103. <https://doi.org/10.1186/s12943-017-0675-y>.
2. Yao B, Li Y, Wang L, Chen T, Niu Y, Liu Q, Liu Z. MicroRNA-3194-3p inhibits metastasis and epithelial-mesenchymal transition of hepatocellular carcinoma by decreasing Wnt/ β -catenin signaling through targeting BCL9. *Artif Cells Nanomed Biotechnol*. 2019;47(1):3885–3895. <https://doi.org/10.1080/21691401.2019.1670190>.

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