

RETRACTION NOTE

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# Retraction Note: Shp2 positively regulates cigarette smoke-induced epithelial mesenchymal transition by mediating MMP-9 production

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The Editors-in-Chief have retracted this article. Concerns with Fig. 6B were previously addressed with a correction [1] but more image irregularities have been identified, specifically:

Figure 2D: theShp(KO)+CS panel appears to partially overlap with the MK-2206+CS MMP-9 panel of Fig. 2C in a previously published article [2].

Figure 5A: there appears to be a splice in the Pro-MMP-9 band.

Figure 7A: the JNK 1.25 and 2.5 blots appear to be identical to the JNK -/- and +/- blots in Fig. 7B.

The Editors-in-Chief therefore no longer have confidence in the results reported in this article.

Authors Ya-nan Liu Jian Shen, Jian-cang Zhou, Hui-juan Shen, Qiang Shu, Qiang-min Xie and Yicheng Xie agree with this retraction. The other authors have not responded to correspondence regarding this retraction.

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2. Jiang B, Guan Y, Shen Hui-juan, Zhang Lin-hui, Jun-xia Jiang, Xin-wei Dong, Hua-hao Shen, Qiang-min Xie, Akt/PKB signaling regulates cigarette smoke-induced pulmonary epithelial-mesenchymal transition, *Lung Cancer*, Volume 122, 2018, Pages 44–53, <https://doi.org/10.1016/j.lungcan.2018.05.019>.

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