



# Corrigendum: Downregulation of HMGA1 Mediates Autophagy and Inhibits Migration and Invasion in Bladder Cancer via miRNA-221/TP53INP1/p-ERK Axis

Xiaoqiang Liu<sup>1,2†</sup>, Zhengtao Zhou<sup>1†</sup>, Yibing Wang<sup>3†</sup>, Ke Zhu<sup>1,2</sup>, Wen Deng<sup>1</sup>, Yulei Li<sup>1</sup>, Xiaochen Zhou<sup>1</sup>, Luyao Chen<sup>1</sup>, Yu Li<sup>1</sup>, An Xie<sup>2</sup>, Tao Zeng<sup>4</sup>, Gongxian Wang<sup>1,2</sup> and Bin Fu<sup>1,2\*</sup>

<sup>1</sup> Department of Urology, The First Affiliated Hospital of Nanchang University, Nanchang, China, <sup>2</sup> Jiangxi Institute of Urology, Nanchang, China, <sup>3</sup> Department of Emergency, The Second Affiliated Hospital of Nanchang University, Nanchang, China, <sup>4</sup> Department of Urology, The People's Hospital of Jiangxi Province, Nanchang, China

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Ja Hyeon Ku,  
Seoul National University, South Korea

### \*Correspondence:

Bin Fu  
urofubin@sina.com

<sup>†</sup>These authors have contributed  
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## A Corrigendum on

### Downregulation of HMGA1 Mediates Autophagy and Inhibits Migration and Invasion in Bladder Cancer via miRNA-221/TP53INP1/p-ERK Axis

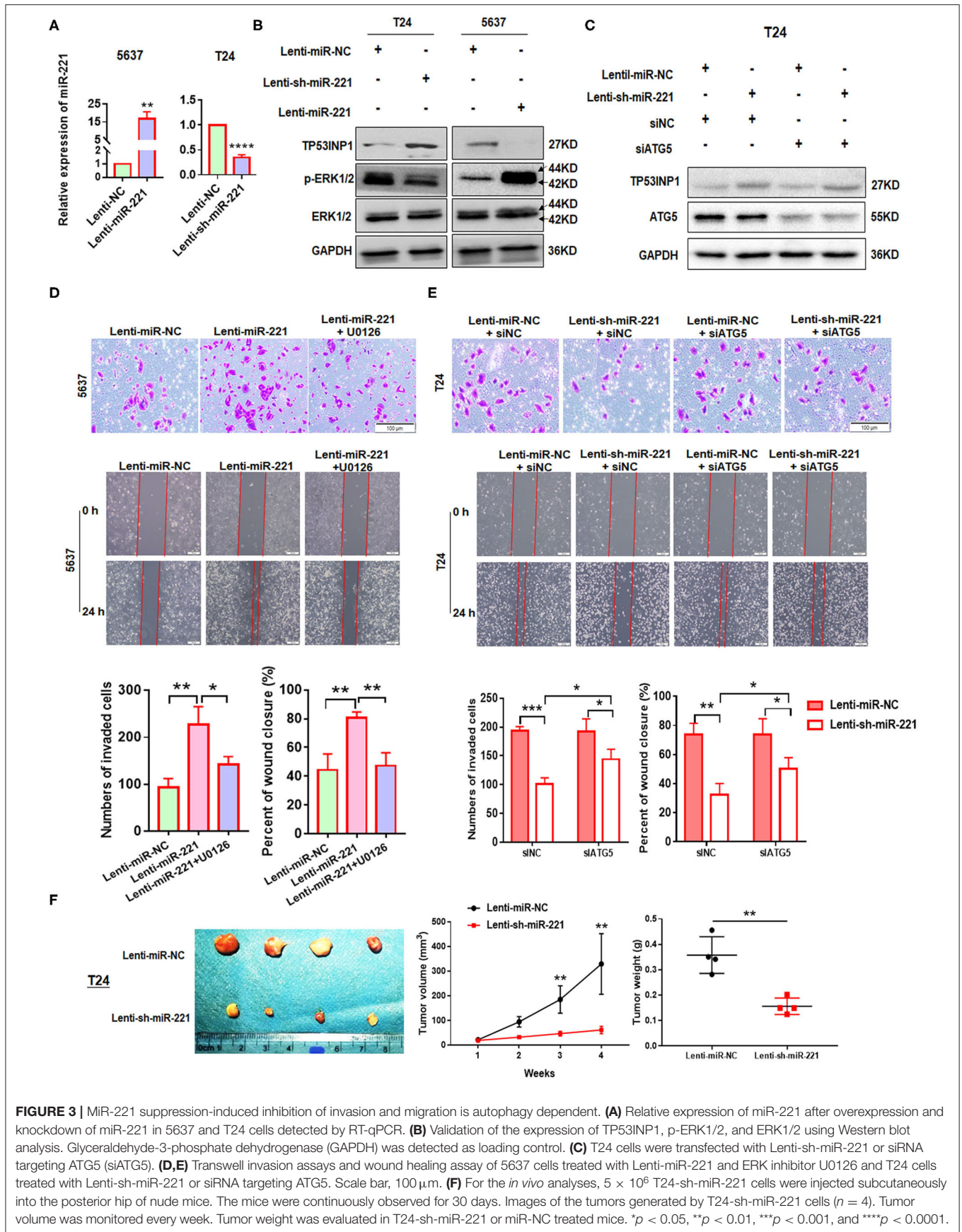
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In the original article, there was a mistake in the legend for **Figures 3D,E** as published. “Scale bar, 100  $\mu$ m” was erroneously written as “Scale bar, 50  $\mu$ m.” The correct legend appears below.

In the original article, there were also mistakes in **Figure 3E** and **Figure 5F** as published. Due to carelessness, the picture for the 24 hour “Lenti-miR-NC + siATG5” group in **Figure 3E** was a duplication of the image for the 24 hour “Lenti-miR-NC + siNC” group. The picture of the 0 hour “siHMGA1 + siATG5” group in **Figure 5F** was an erroneous duplication of the “siNC + miR-NC mimic” group in **Figure 6C**. After carefully examining our original data, **Figure 5F** was erroneously placed. We found that the errors were caused by our carelessness in exporting the representative images and compiling these figures. The corrected **Figure 3** and **Figure 5** appear below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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**FIGURE 3** | MIR-221 suppression-induced inhibition of invasion and migration is autophagy dependent. **(A)** Relative expression of miR-221 after overexpression and knockdown of miR-221 in 5637 and T24 cells detected by RT-qPCR. **(B)** Validation of the expression of TP53INP1, p-ERK1/2, and ERK1/2 using Western blot analysis. Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) was detected as loading control. **(C)** T24 cells were transfected with Lenti-sh-miR-221 or siRNA targeting ATG5 (siATG5). **(D,E)** Transwell invasion assays and wound healing assay of 5637 cells treated with Lenti-miR-221 and ERK inhibitor U0126 and T24 cells treated with Lenti-sh-miR-221 or siRNA targeting ATG5. Scale bar, 100  $\mu$ m. **(F)** For the *in vivo* analyses,  $5 \times 10^6$  T24-sh-miR-221 cells were injected subcutaneously into the posterior hip of nude mice. The mice were continuously observed for 30 days. Images of the tumors generated by T24-sh-miR-221 cells ( $n = 4$ ). Tumor volume was monitored every week. Tumor weight was evaluated in T24-sh-miR-221 or miR-NC treated mice. \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ , and \*\*\*\* $p < 0.0001$ .

