



Corrigendum: Gastric Cancer Cell-Derived Exosomal Micro RNA-23a Promotes Angiogenesis by Targeting PTEN

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Zhen-Ning Wang was included as an author in the published article and he should be removed from the authorship. The corrected Author Contributions Statement appears 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.

JD, YL, JL, JMZ, and XYL designed the study. JD and YL collated the data, carried out data analyses, and produced the initial draft of the manuscript. JL, JMZ, and XYL contributed to drafting the manuscript. All authors have read and approved the final submitted manuscript.

In the original article, there was an error. The cell line sources listed in the "Cell Treatment" section were incorrect due to a translation error.

A correction has been made to Materials and Methods, "Cell Treatment", paragraph 1:

"The GC cell lines NCI-N87, HGC-27, AGS (Cell Bank of China Center for Type Culture Collection, Shanghai, China), MKN45 (CC-Y1358), and normal gastric mucosal epithelial cell line GES-1 (CC-Y1572) (EK-Bioscience, Shanghai, China) were subjected to mycoplasma test and short tandem repeat. The cells were cultured with Dulbecco's Modified Eagle's Medium (DMEM; Thermo Fisher Scientific Inc., Waltham, MA, USA) supplemented with 10% fetal bovine serum (FBS; Thermo Fisher Scientific Inc., Waltham, MA, USA.), 100 U/mL penicillin, and 100 $\mu g/$ mL streptomycin."

Α

В

RAB11FIP2

0.0

PTEN-mut

PTEN-wt

Relative

0.30

0.35

0.40

0.45

Relative expression of PTEN

0.55

0.50

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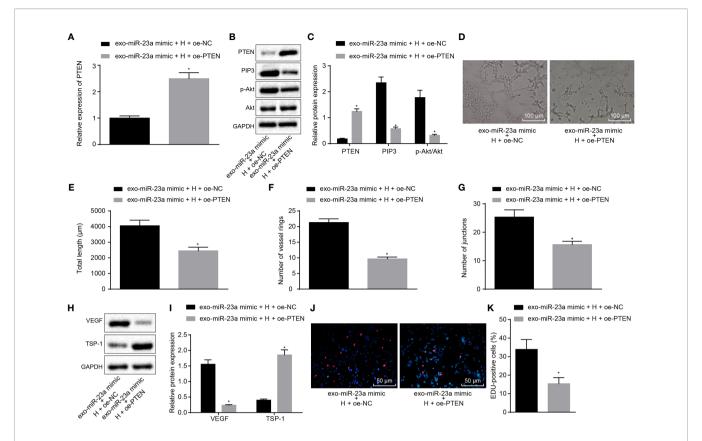


FIGURE 6 | GC cell-derived exosomal miR-23a accelerates angiogenesis through inhibition of PTEN expression. (A) Determination of PTEN mRNA expression by RT-qPCR. (B, C) Western blot analysis of PTEN, PIP3, phosphorylated Akt and Akt proteins. (D) Representative images of the tube formation in HUVECs (x100). (E-G) The tube length, number of loops and nodes in HUVECs. (H,I) Western blot analysis of VEGF and TSP-1 proteins in HUVECs. (J, K) The proliferation of HUVECs assessed by EdU assay (x200). *p < 0.05 vs. HUVECs co-cultured with exosomes derived from miR-23a-mimic and oe-NC-transfected HGC-27 cells. Measurement data were expressed as mean ± standard deviation. If the data were in compliance with normal distribution and homogeneity, comparisons between two groups were conducted using unpaired t-test. The experiment was repeated three times independently.

In the original article, there was a mistake in **Figures 5** and **6** as published. Modifications to the targeted verification in **Figure 5** and Akt protein typographical errors in the WB experiment in **Figure 6** were made after a recheck of the figures, but not included in the final article. The corrected **Figures 5** and **6** appear below.

The authors apologize for these errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated. **Publisher's Note:** All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.

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