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CORRECTION
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# Corrigendum: GPER1 Silencing Suppresses the Proliferation, Migration, and Invasion of Gastric Cancer Cells by Inhibiting PI3K/AKT–Mediated EMT

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## A Corrigendum on

**GPER1 Silencing Suppresses the Proliferation, Migration, and Invasion of Gastric Cancer Cells by Inhibiting PI3K/AKT–Mediated EMT**

*by Xu, E., Xia, X., Jiang, C., Li, Z., Yang, Z., Zheng, C., Wang, X., Du, S., Miao, J., Wang, F., Wang, Y., Lu, X., and Guan, W. (2020). Front Cell Dev Biol. 8 591239. doi: 10.3389/fcell.2020.591239*

Error in Figure

In the original article, there was a mistake in **Figures 3**, **4** as published. In **Figures 3D**, **4C**, we put the wrong picture due to carelessness. The corrected **Figures 3**, **4** 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.

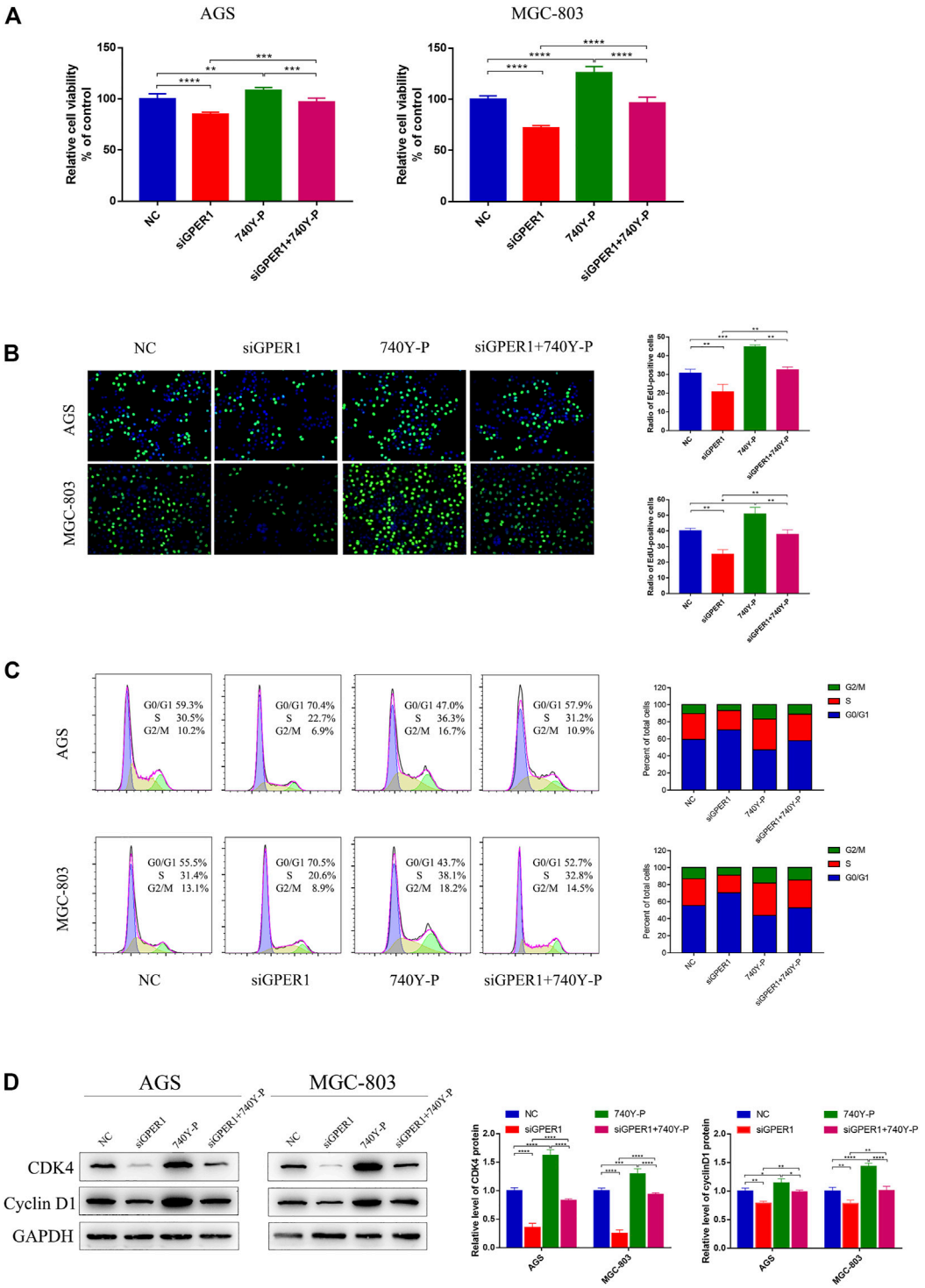


**FIGURE 3 |** GPER1 knockdown impairs the proliferation of AGS and MGC-803 cells. **(A)** CCK-8 and **(B)** Edu assays were used to evaluate the proliferation of AGS and MGC-803 cells after transfection with siGPER1 for 48 h; **(C)** Flow cytometry and **(D)** CDK4 and cyclin D1 protein levels were used to analyze the cell cycle of AGS and MGC-803 cells after transfection with siGPER1 for 48 h. Control: cells without transfection; GPER1, cells transfected with GPER1 siRNA; 740Y-P, cells treated with 740Y-P; GPER1 + 740Y-P, cells transfected GPER1 siRNA and then treated with 740Y-P. Results were shown as mean ± SD of three independent experiments, each experiment was performed in triplicate. *$p < 0.05$; **$p < 0.01$; ***$p < 0.001$; ****$p < 0.0001$.

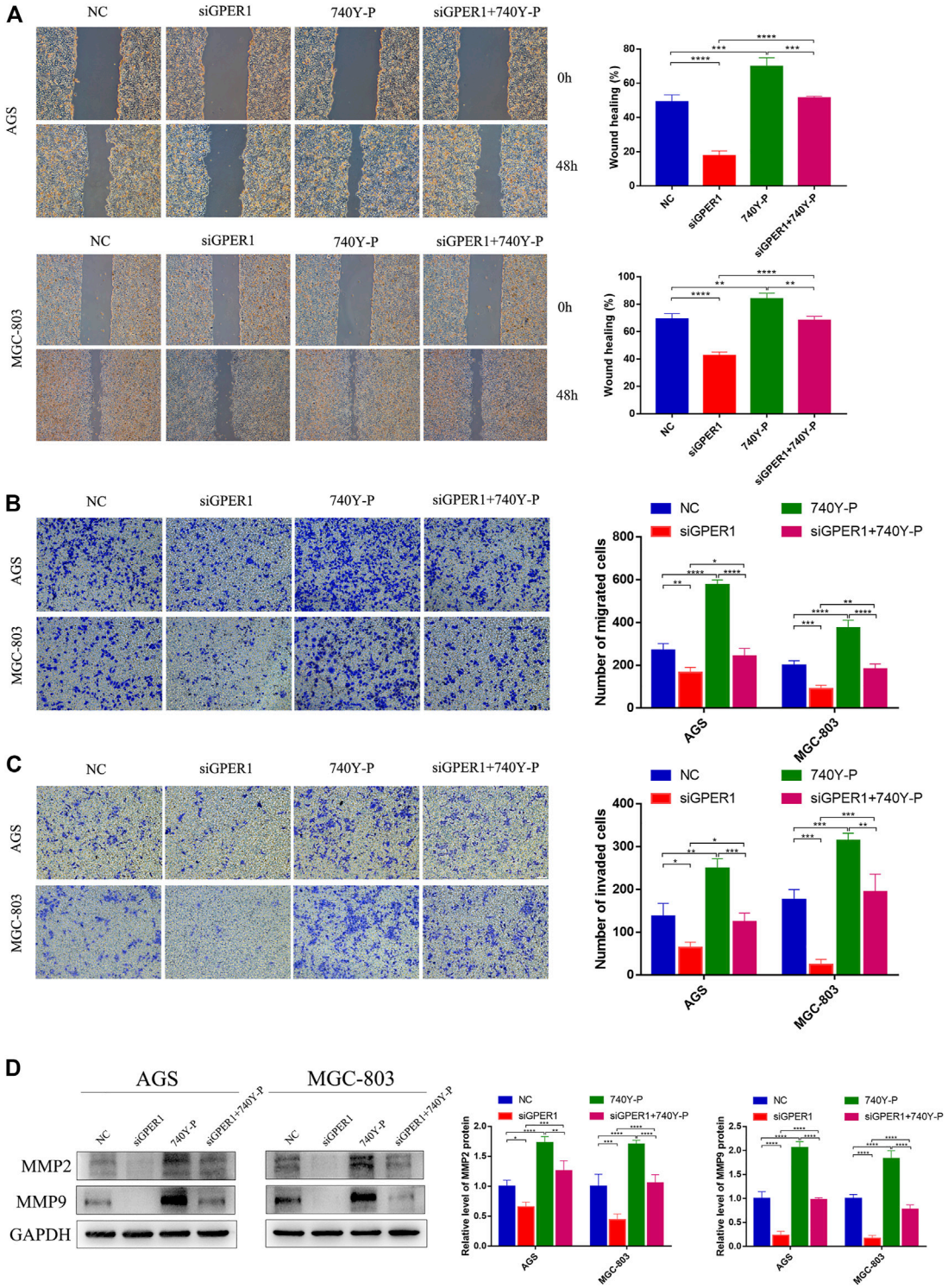


**FIGURE 4 |** GPER1 knockdown impairs the migration and invasion of AGS and MGC-803 cells. **(A)** Cell mobility was detected by wound healing assay; **(B)** cell migration and **(C)** invasion were detected by transwell assays; **(D)**. Western blot analysis of matrix metalloproteinase 9 (MMP9) and MMP2 protein expression. GAPDH was used as a loading control. Control, cells without transfection; GPER1, cells transfected with GPER1 siRNA; 740Y-P, cells treated with 740Y-P; GPER1 + 740Y-P, cells transfected GPER1 siRNA and then treated with 740Y-P. Results were shown as mean ± SD of three independent experiments, each experiment was performed in triplicate. *$p < 0.05$; **$p < 0.01$; ***$p < 0.001$; ****$p < 0.0001$.