



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

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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.

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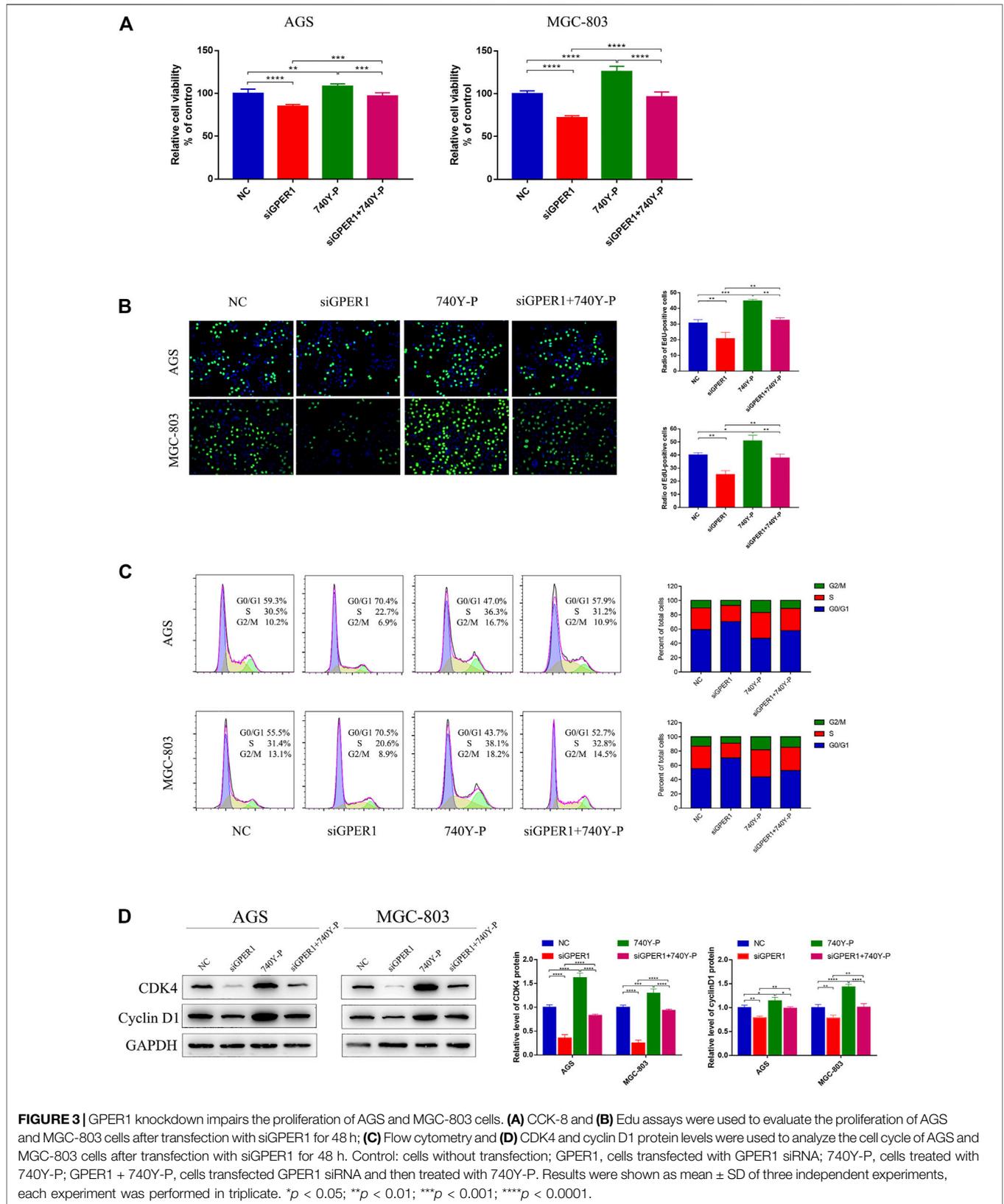


FIGURE 3 | GPER1 knockdown impairs the proliferation of AGS and MGC-803 cells. **(A)** CCK-8 and **(B)** Edu assays were used to evaluate the proliferation of AGS and MGC-803 cells after transfection with siGPER1 for 48 h; **(C)** Flow cytometry and **(D)** CDK4 and cyclin D1 protein levels were used 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.

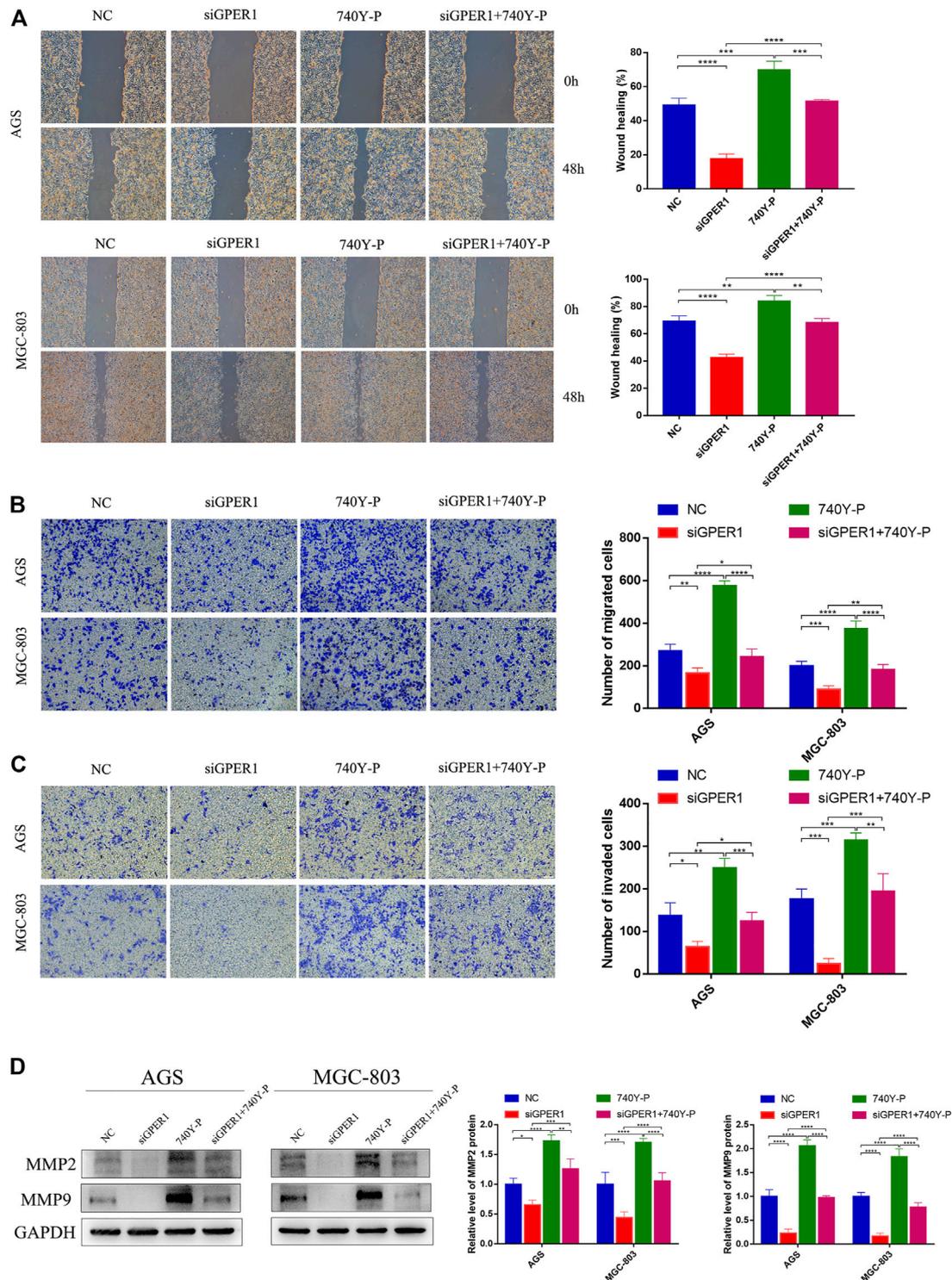


FIGURE 4 | GPER1 knockdown impairs the migration and invasion of AGS and MGC-803 cells. **(A)** Cell mobility was detected by wound healing assay; **(B)** cell migration and **(C)** invasion were detected by transwell assays; **(D)**. Western blot analysis of matrix metalloproteinase 9 (MMP9) and MMP2 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.