

Erratum

In the article “Roundabout4 Suppresses Glioma-Induced Endothelial Cell Proliferation, Migration and Tube Formation *in Vitro* by Inhibiting VEGR2-Mediated PI3K/AKT and FAK Signaling Pathways” [Cell Physiol Biochem 2015;35:1689-1705. DOI: 10.1159/000373982] by Cai et al., a number of incorrect panels were included in Figure 4B and Figure 8B during Figure assembly. Specifically, Figure 4B Robo4(+) NC (endothelial cell medium), Robo4(-) NC (endothelial cell medium), Robo4(-) (endothelial cell medium) and Robo4(-) NC (glioma conditioned medium) representative images were incorrect in the original article. Figure 8B Robo4(-)+ FAK inhibitor 14 representative image was incorrect in the original article.

The corrected Figure 4 and Figure 8 are shown here.

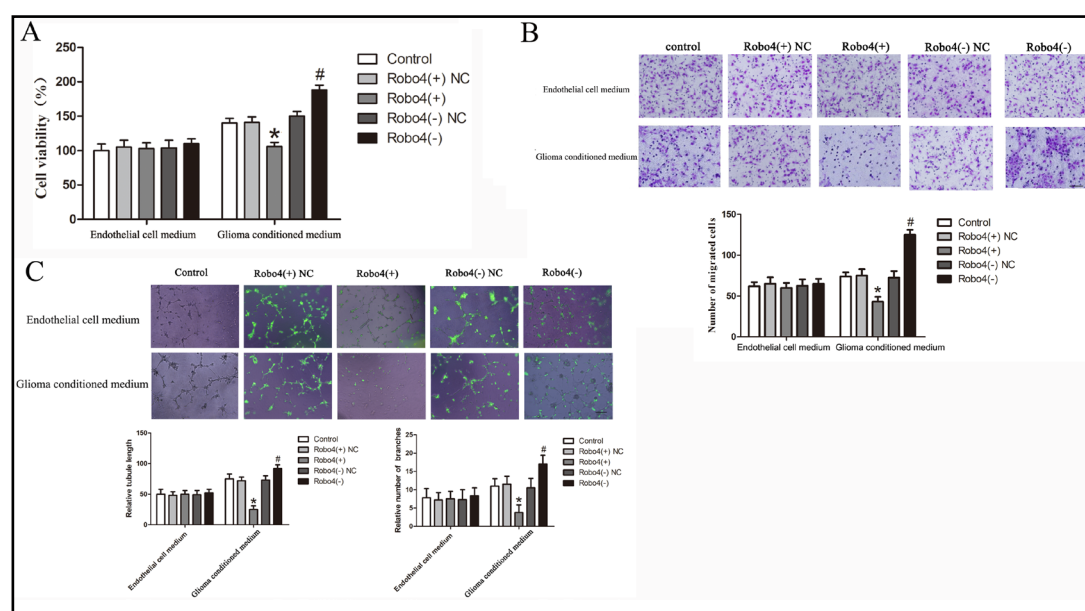


Fig. 4. Effect of Robo4 on glioma-induced endothelial cell proliferation, migration, and tube formation *in vitro*. Endothelial Cell viability was measured by CCK-8 proliferation assay, and results were expressed as percent viability, from left to right, the lanes are in control, Robo4(+) NC, Robo4(+), Robo4(-) NC and Robo4(-), respectively. Migration of endothelial cell was measured by transwell migration assay, and results were expressed as the number of migrated cells per field (magnification, $\times 200$; scale bar, $100\mu\text{m}$). Tube formation of ECs was measured, and results were expressed as relative tubule length and number of branches (magnification, $\times 100$; scale bar, $100\mu\text{m}$). Data represent means \pm SD ($n = 5$, each). * $P < 0.05$ vs. Robo4(+) NC group, # $P < 0.05$ vs. Robo4(-) NC group.

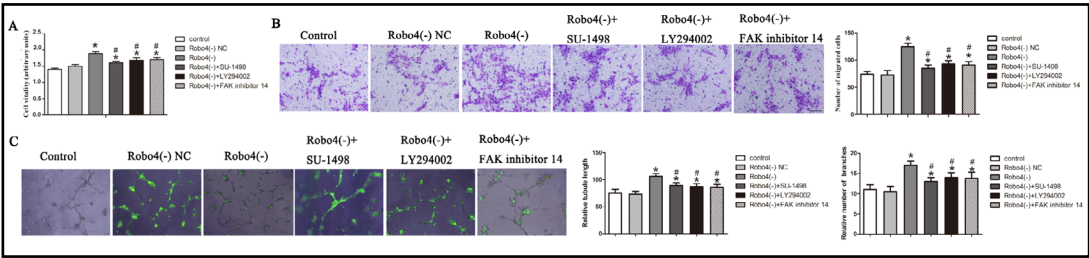


Fig. 8. VEGFR2 mediated PI3K/AKT and FAK signaling pathways were involved in the Robo4-regulated glioma angiogenesis *in vitro*. After ECs in glioma conditioned medium were pretreated with VEGFR2 inhibitor SU-1498(10uM), AKT inhibitor LY294002(10uM) and FAK inhibitor 14(5uM) for 24 hours, ECs proliferation (A), migration (B) and Tube formation (C) are showed. Data represent mean \pm SD (n = 5, each). * $P < 0.05$ vs. Robo4 (-) NC group, # $P < 0.05$ vs. Robo4 (-) group.