



## Corrigendum

**Article title:** Metformin alleviates hyperglycemia-induced endothelial impairment by downregulating autophagy via the Hedgehog pathway

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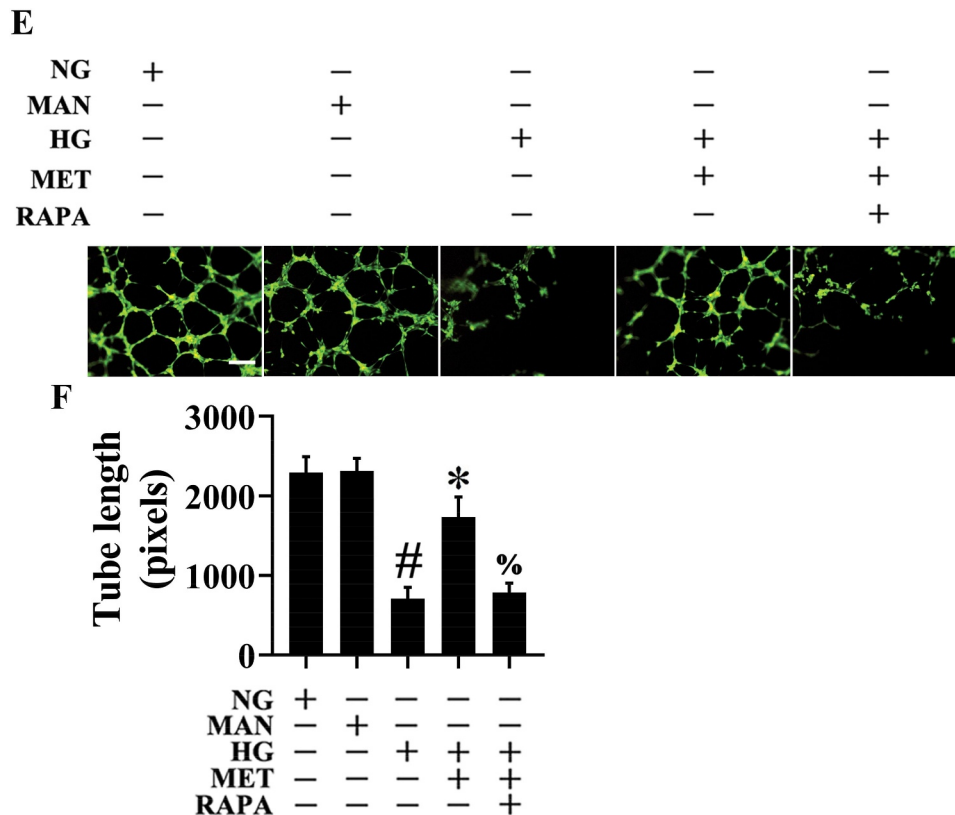
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After publication, we recently noticed that the representative image of tube formation in [Figures 5E](#) and [Figures 9G](#) was mistakenly assembled. To be specific, in [Figure 5E](#), the representative image from group HG was wrongly presented with

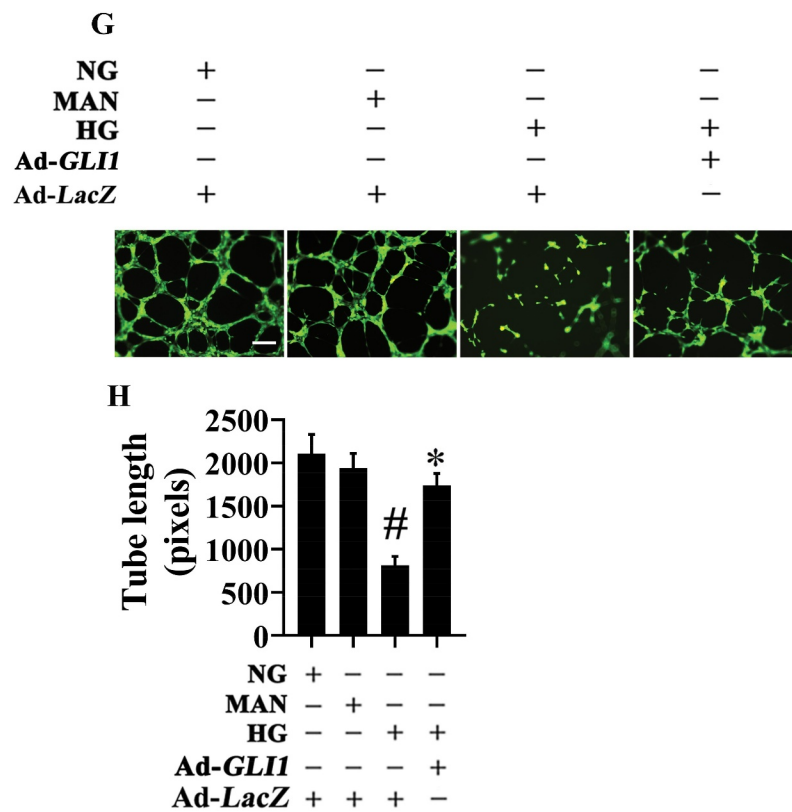
an image from the HG+scramble group. In [Figure 9G](#), the representative image from the group MAN osmotic control was wrongly rendered with an image from the NG control. The errors were caused during the assembly of the images with similar names due to our negligence. The errors in [Figures 5E](#) and [Figures 9G](#) have now been corrected with another set of tube formation data, as shown below. The correction has no effect on any of the descriptions, interpretations or the original conclusions in the paper, and we apologize for the mistake and any confusion this may have caused.

### Funding

No funding



**Figure 5.** (E) Capillary-like tube formation was assessed by matrigel angiogenesis assay in HUVECs. HUVECs were cultured either in NG or HG medium in the presence or absence of MET (50  $\mu$ M) for 72 h, MAN was used as the osmotic control for HG. For pharmacological manipulation of autophagy, HUVECs were treated with RAPA (10 nM) 2 h after MET treatment. Scale bars: 300  $\mu$ m.



**Figure 9.** (G) Capillary-like tube formation was assessed by matrigel angiogenesis assay in HUVECs. HUVECs were transduced with adenoviruses harboring GLI1 (Ad-GLI1) and Ad-LacZ (served as a control), respectively. After transduction, HUVECs were cultured either in NG or HG medium for 72 h, MAN was used as the osmotic control for HG. Scale bars: 300  $\mu$ m.