Erratum to hyperglycemia-induced increasing of *RELB*/circ_0008590 in NF-κB pathway is repressed by miR-1243 in human retinal microvascular endothelial cells

Editorial Office

Annals of Translational Medicine

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Submitted Jul 26, 2024. Accepted for publication Aug 07, 2024. Published online Sep 21, 2024.
doi: 10.21037/atm-2024-12
View this article at: https://dx.doi.org/10.21037/atm-2024-12

Erratum to: Ann Transl Med 2021;9:1624.

This article (1) titled "Hyperglycemia-induced increasing of *RELB*/circ_0008590 in NF-κB pathway is repressed by miR-1243 in human retinal microvascular endothelial cells" (doi: 10.21037/atm-21-5562), unfortunately contains an error in the image of *Figure 7A* representing the Evans Blue staining of DR model mouse retina. A retina from another project performed at the same period was used for the STZ + OE RELB + miR-1243 agomir group accidentally.

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Figure 7A in the original article:

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The correct version of *Figure* 7, containing the correct data for the STZ + OE RELB + miR-1243 agomir group in *Figure* 7*A*, is shown below:

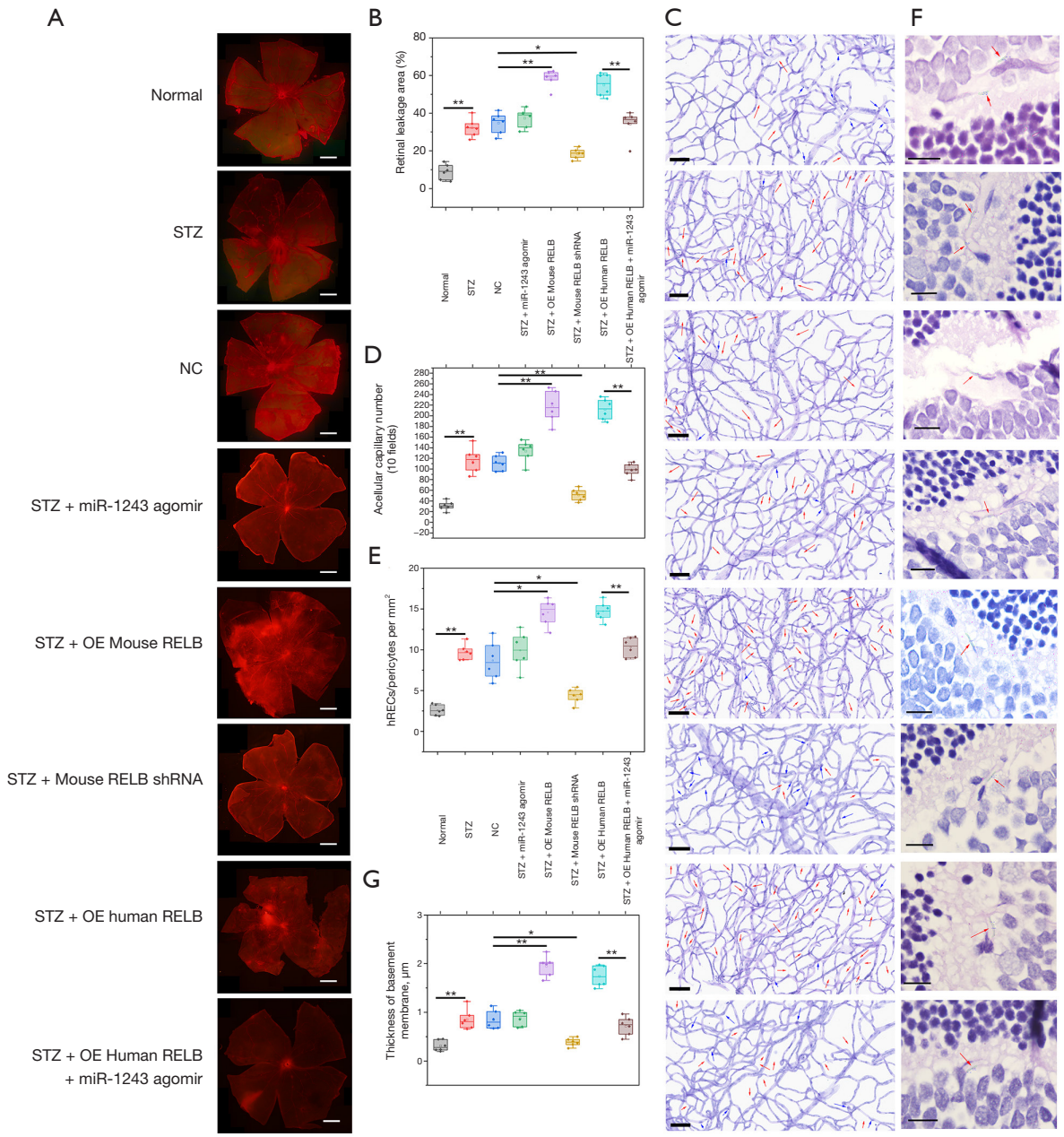

Figure 7 Interaction between human *RELB* mRNA and miR-1243 in mouse model of DR. (A,B) The Evans blue assay was used for the detection of retinal vascular leakage. (C) Retinal trypsin digestion was used to count the number of acellular capillaries, hRECs, and pericytes (acellular capillaries are marked by red arrows, and pericytes are marked by blue arrows; PAS staining, scale bar =60 μm). (F) Ultrathin sections of the retina were fixed in osmium tetroxide, embedded in epoxy resin, and the thickness of the basement membrane was measured (the basement membrane is marked by red arrows; HE staining, scale bar =10 μm). The leakage area (B), the number of acellular capillaries in 10 fields (D), the hRECs/pericytes ratio in 1 mm^2 (E), and the thickness of basement membrane (G) in 10 fields were calculated. The error bars represent the mean ± SD of at least triplicate experiments. *, P <0.05; **, P <0.01. mRNA, messenger RNA; DR, diabetic retinopathy; hRECs, human retinal microvascular endothelial cells; PAS, periodic acid Schiff; HE, hematoxylin-eosin.

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The authors confirmed this error did not significantly affect either the results or the conclusions of the paper.

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References

1. Shao J, Cai J, Yao Y, et al. Hyperglycemia-induced increasing of RELB/circ_0008590 in NF-κB pathway is repressed by miR-1243 in human retinal microvascular endothelial cells. Ann Transl Med 2021;9:1624.

Cite this article as: Editorial Office. Erratum to hyperglycemia-induced increasing of *RELB*/circ_0008590 in NF-κB pathway is repressed by miR-1243 in human retinal microvascular endothelial cells. Ann Transl Med 2024;12(5):102. doi: 10.21037/atm-2024-12