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Author Correction: Assessment of the safety of hypoxia-primed mesenchymal stem cells derived from umbilical cord and adipose tissues in animals

Nhung Thi-Hong Dinh, Quyen Thi Nguyen, Ngo Thu Hang, Hong-Nhung Dao, Le Duc Son, Giang Trang Ngan, Can Van Mao, Xuan-Hai Do, Van T. Hoang & Liem Nguyen Thanh

Correction to: *Scientific Reports* https://doi.org/10.1038/s41598-025-20018-5, published online 15 October 2025

The original version of this Article contained errors.

As a result of errors during figure assembly, the unit on the vertical axis in Figure 2D was incorrectly labelled as "%". The correct unit should be "mm^2".

The original Figure 2 and accompanying legends appear below.

The original Article has been corrected.

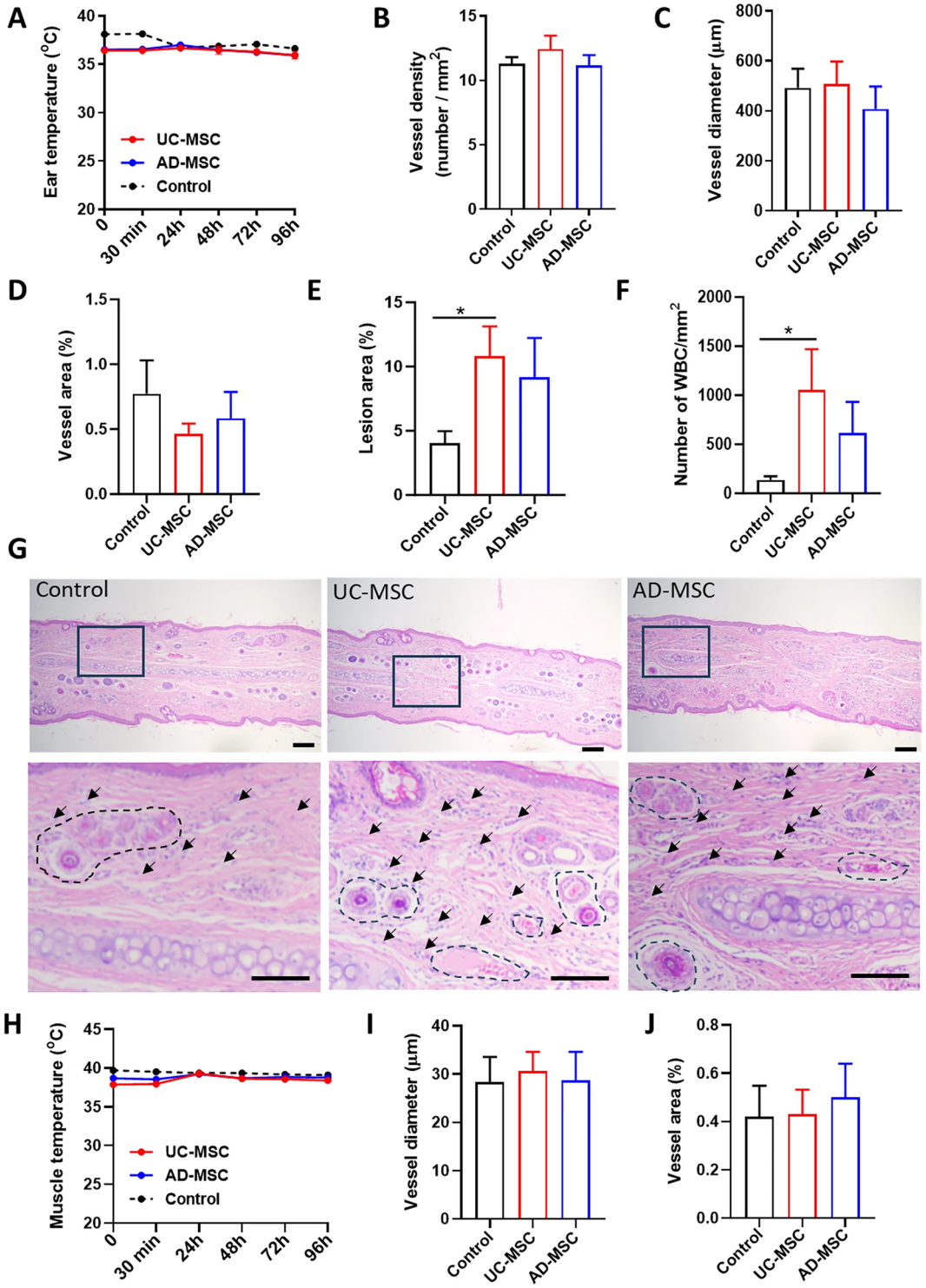

Fig. 2. Vascular and muscle stimulation testing of UC-MSCs and AD-MSCs in rabbits. New Zealand rabbits ($n = 7$) were injected with 0.5×10^6 cells/kg of UC-MSCs or AD-MSCs. The group that was injected with Ringer's lactate served as the control. (**A-F**) Evaluation of vascular stimulation. Ear temperature was measured at the indicated time points (**A**). Analysis of the HE-stained injected ear tissues at 96 h after injection to determine the number of blood vessels per mm^2 (**B**), blood vessel diameter (**C**), blood vessel area (**D**), percentage of lesion area (**E**), number of WBCs (**F**). (**G**) Representative H&E-stained sections of ear tissue. The top panels showed low-magnification views (scale bar, 50 μm), with boxed areas indicating regions enlarged below. The bottom panels (scale bar, 25 μm) presented higher-magnification views of the corresponding boxed areas. Dashed lines outlined blood vessels, and black arrows indicated infiltrating cells. (**H-K**) Evaluation of muscle stimulation. The muscle temperature was recorded at the indicated time points (**H**). HE-stained muscle samples were analyzed at 96 h after injection to measure the blood vessel diameter (**I**) and blood vessel area (**J**). Data were presented as mean ± SD; *, $p < 0.05$ as determined by t test.