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RECEIVED 01 July 2025
ACCEPTED 31 October 2025
PUBLISHED 17 November 2025

CITATION
Shi Y, Tian T, Cai E-L, Yang C and Yang X
(2025) Correction: miR-124 alleviates
ischemic stroke-induced neuronal death by
targeting DAPK1 in mice.
Front. Neurosci. 19:1657393.
doi: 10.3389/fnins.2025.1657393

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Correction: miR-124 alleviates ischemic stroke-induced neuronal death by targeting DAPK1 in mice

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KEYWORDS

stroke, cell death, miR-124, DAPK1, neuron

A Correction on

miR-124 alleviates ischemic stroke-induced neuronal death by targeting DAPK1 in mice

by Shi, Y., Tian, T., Cai, E.-L., Yang, C., and Yang, X. (2021). *Front. Neurosci.* 15:649982. doi: 10.3389/fnins.2021.649982

There was a mistake in [Figure 2](#) as published. Incorrect images were used in [Figure 2A](#). The corrected [Figure 2](#) appears below.

There was a mistake in [Figure 4](#) as published. Incorrect images were used in [Figure 4A](#). The corrected [Figure 4](#) appears below.

The original version of this article has been updated.

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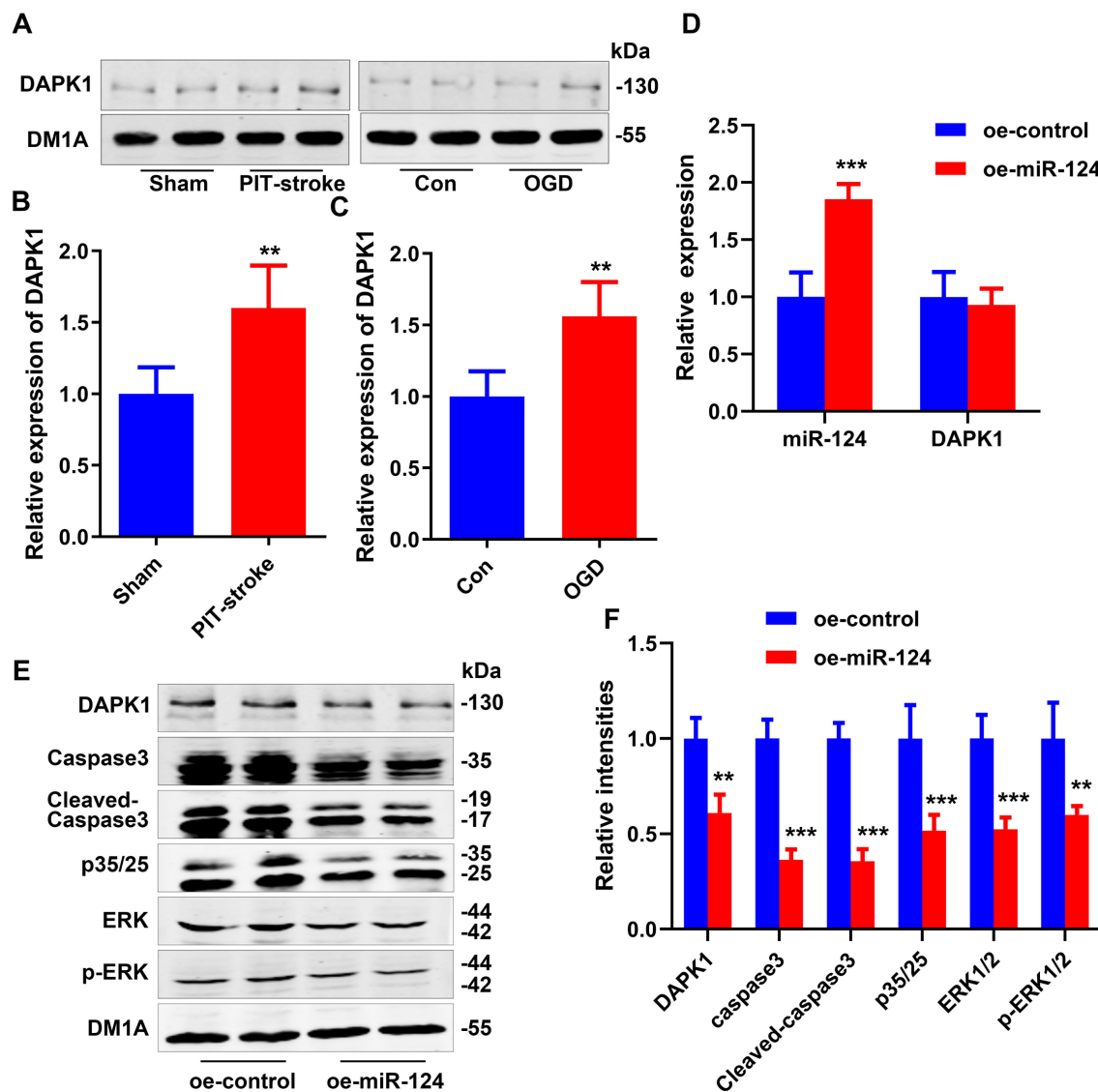


FIGURE 2

DAPK1 was identified as a target gene of miR-124. DAPK1 levels were measured by western blotting (A) and quantitatively analyzed (B, C). Data are presented as mean $\pm$ SD ($n = 4/\text{group}$). ** $p < 0.01$, *** $p < 0.001$ vs. Con or Sham group. N2a cells were transfected with miR-124 (oe-miR-124) or control-treated (oe-control) cells. Levels of miR-124 and DAPK1 mRNA were measured by qRT-PCR (D). Levels of DAPK1, caspase-3, cleaved caspase-3, p35/25, ERK1/2, and p-ERK1/2 were measured by western blotting (E) and quantitatively analyzed (F). Data are presented as mean $\pm$ SD ($n = 4/\text{group}$). ** $p < 0.01$, *** $p < 0.001$ vs. oe-control group.

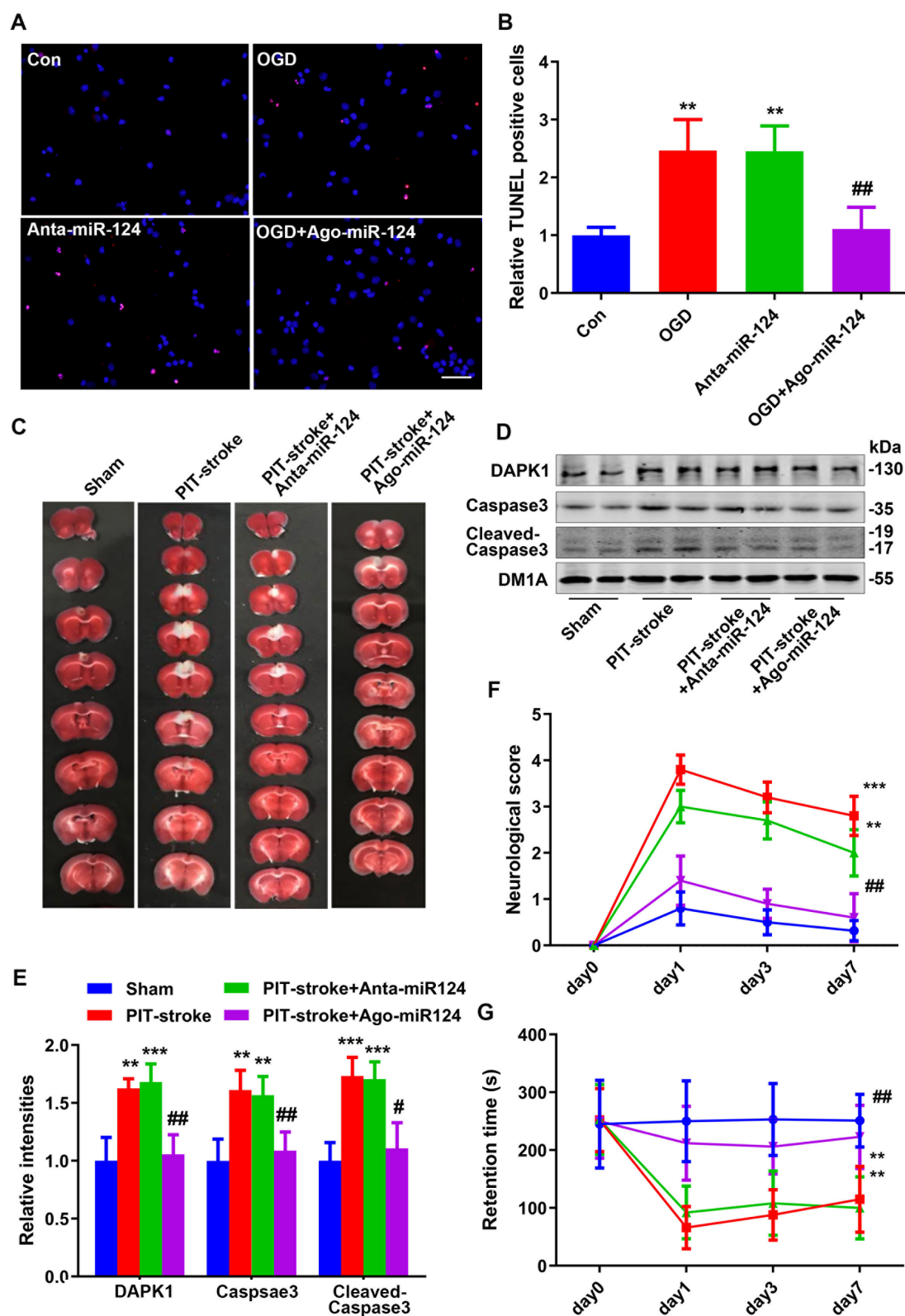


FIGURE 4

miR-124 protected against PIT-stroke damage. (A) TUNEL staining was performed in primary cultured neurons after OGD treatment with different miR-124 levels (scale bar = 50 μ m) and quantified (B). Data are presented as mean $\pm$ SD ($n = 4$ /group). ** $p < 0.01$ vs. Con, ## $p < 0.01$ vs. OGD group. (C) Representative images of TTC staining depicting Ago-miR-124-induced protection against PIT-stroke damage. Levels of DAPK1, caspase-3, and cleaved caspase-3 were measured by western blotting (D) and quantitatively analyzed (E). Neurological scores (F) and performance on the rotarod test (G) were tested on day 1, day 3, and day 7 after PIT-stroke among different groups. Data are presented as mean $\pm$ SD ($n = 6$ /group). ** $p < 0.01$, *** $p < 0.001$ vs. Sham, # $p < 0.05$, ## $p < 0.01$ vs. PIT-stroke group.