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CORRECTION

Correction to: Pigment Epithelium-Derived Factor Improves Paracellular Blood–Brain Barrier Integrity in the Normal and Ischemic Mouse Brain

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The original version of the article unfortunately contained an error in the unit of the protein concentrations under 'Stereotactic Intraparenchymal Injections' subsection in 'Methods' section.

The unit should be ng/µl instead of ng/ml.

Therefore, the sentence should read as follows:

For the claudin-5 expression study, solutions with the following protein concentrations were prepared: 40 ng/µl VEGF (group VEGF alone), 40 ng/µl VEGF and 40 ng/µl PEDF (group VEGF:PEDF 1:1), and 40 ng/µl VEGF and 80 ng/µl PEDF (group VEGF:PEDF 1:2).

The original article can be found online at https://doi.org/10.1007/s10571-019-00770-9.

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Accordingly, the caption of Fig. 1 should be as follows:

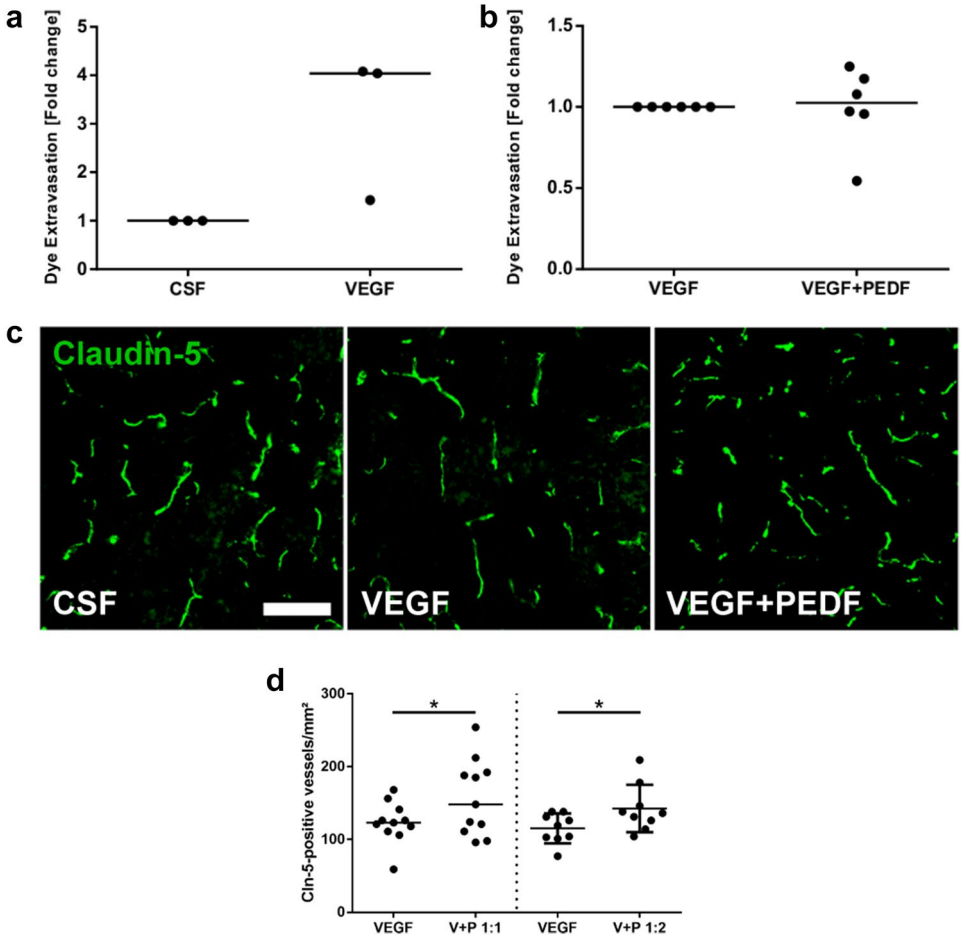

Fig. 1 The Co-injection of PEDF after VEGF-induced hyperpermeability reduces the paracellular blood–brain barrier disruption. **a** We wanted to confirm that VEGF induces hyperpermeability in the brain. Therefore, we administered intraparenchymal injection of 40 ng/µl VEGF or CSF to the brain. VEGF did not significantly induce the transcellular extravasation of Evans Blue (expressed as the fold change to CSF, $n=3$). However, we recognize that the sample size was likely not large enough to show statistical significance. **b** Compared to VEGF alone (40 ng/µl), the coadministration of PEDF (40 ng/µl) did not change the Evans Blue extravasation ($n=6$). **c** Shown are representative pictures from the claudin-5 (Cln-5) stained brain samples in mice receiving an intraparenchymal injection of CSF, VEGF, or VEGF + PEDF. Scale bar = 100 µm. **d** The number of claudin-5-immunoreactive vessels significantly increased after the VEGF + PEDF (40 ng/µl VEGF and 40 ng/µl PEDF for VEGF:PEDF 1:1, $n=11$; 40 ng/µl VEGF and 80 ng/µl PEDF for VEGF:PEDF 1:2, $n=9$) compared to the 40 ng/µl VEGF-only treatment, indicating an improved paracellular BBB integrity. The data are represented as medians, except for the amount of claudin-5-immunoreactive vessels in VEGF + PEDF 1:2 that is presented as mean ± SD, $^*p<0.05$