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Correction to: Transplantation of mesenchymal stem cells genetically engineered to overexpress interleukin-10 promotes alternative inflammatory response in rat model of traumatic brain injury

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The original version [1] of the article unfortunately contained mistakes in Figs. 5 and 6. The mistake occurred due to a copying and labeling error with image selection; all analyses remain the same.

It has been corrected in this correction (Figs. 5 and 6).

The original article can be found online at https://doi.org/10.1186/s12974-018-1383-2.

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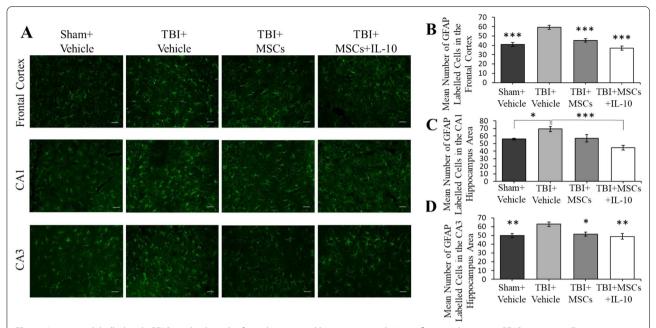


Fig. 5 Astrocytes labelled with GFAP antibody in the frontal cortex and hippocampus. **A** A significant reduction in GFAP-positive cells was seen in TBI + MSCs (***p < 0.001) and TBI + MSCs + IL-10 (***p < 0.001) groups in the frontal cortex in comparison to TBI + vehicle group. **B** In the CA1 region of the hippocampus, a significant reduction of GFAP positive cells were found in the TBI + MSCs + IL-10 (***p < 0.001) and sham + vehicle group (*p < 0.05) in comparison to TBI + vehicle group. **C** In the CA3 region of the hippocampus, TBI + vehicle group had a significant increase in GFAP-positive cells when compared to all other groups (*p < 0.05, **p < 0.01; scale bar = 50 μ m). Error bars represent \pm SEM

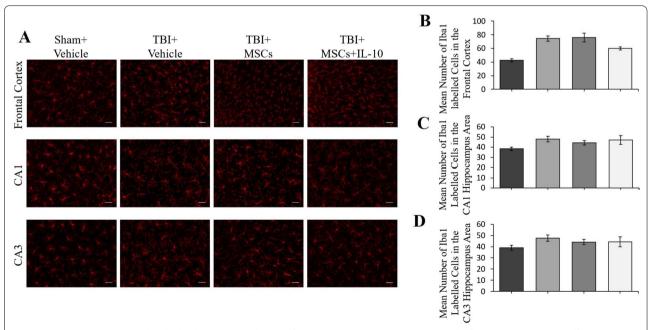


Fig. 6 Macrophages/microglia labelled with Iba1 antibody in the frontal cortex and hippocampus. **A** In the frontal cortex an injury effect was seen with an increased number of Iba1 positive cells in all TBI groups (*p < 0.05, ****p < 0.001). **B** No significant differences were seen among the groups in the CA1 region of the hippocampus. **C** No significant differences were seen among the groups in the CA3 region of the hippocampus (scale bar = 50 μ m). Error bars represent \pm SEM

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