

The Long-Term Fate of Mesenchymal Stem Cells Labeled with Magnetic Resonance Imaging-Visible Polymersomes in Cerebral Ischemia [Erratum]

Duan X, Lu L, Wang Y, et al. *Int J Nanomedicine*. 2017;12:6705–6719.

are incorrect. The errors were introduced by the Editorial staff during the publication process. The correct figures are as follows.

The authors have advised that Figures 6, 8 and 9 on pages 6713, 6715 and 6716, respectively, of the published paper

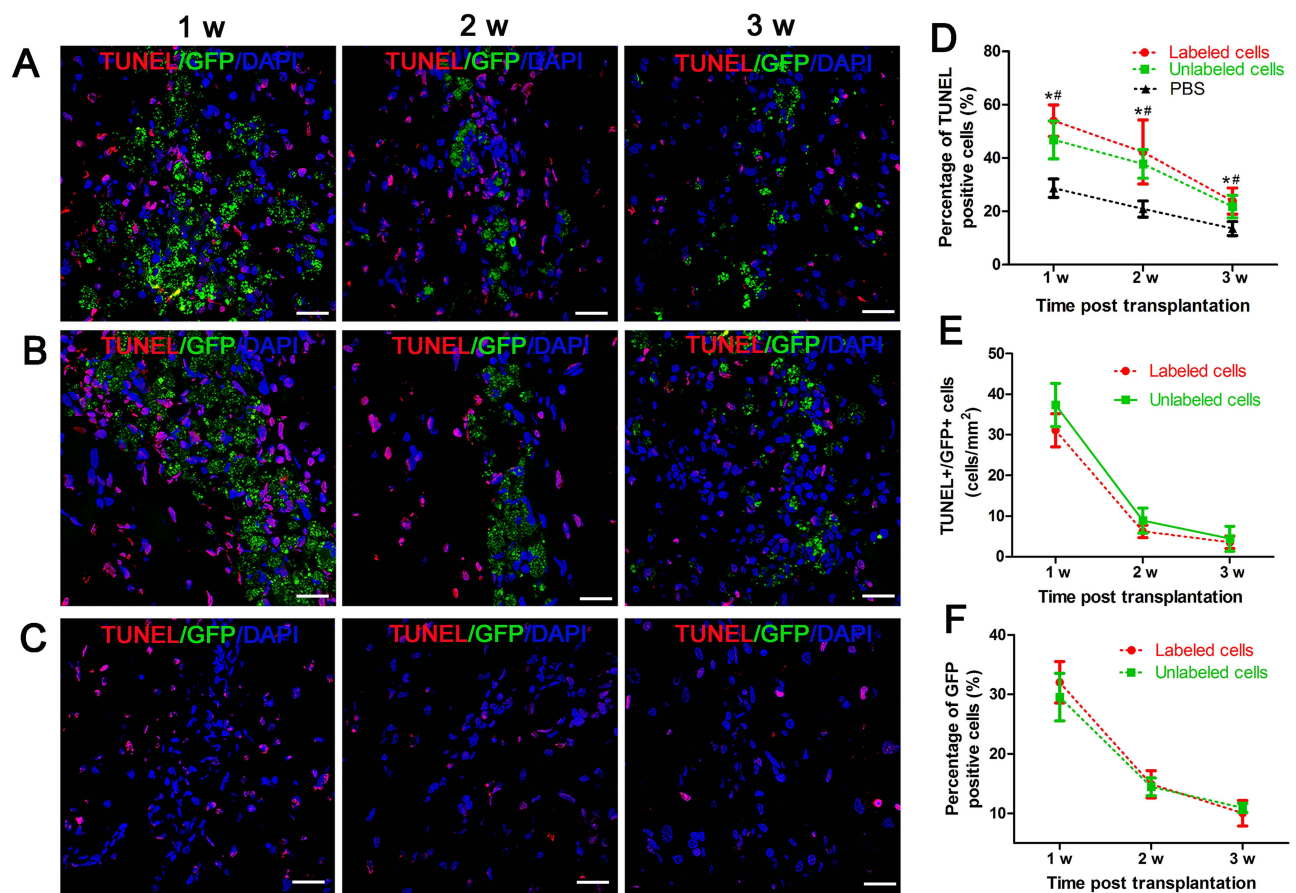


Figure 6 Apoptosis and survival of GFP-MSCs at implantation site.

Notes: TUNEL analysis shows that apoptotic cells peaked at 1 week, and then decreased over time in animals grafted with labeled GFP-MSCs (A), unlabeled GFP-MSCs (B), and PBS (C). Graph show the percentages of TUNEL-positive cells in animals grafted with labeled and unlabeled GFP-MSCs (D). Graph shows the number of apoptotic GFP-MSCs in animals grafted with labeled and unlabeled GFP-MSCs (E). Graph shows the percentage of viable GFP-positive cells in animals grafted with labeled and unlabeled GFP-MSCs (F). * $p < 0.05$ between labeled GFP-MSCs and PBS; ** $p < 0.05$ between unlabeled GFP-MSCs and PBS; Bar = 15 μm .

Abbreviations: MSC, mesenchymal stem cell; PBS, phosphate-buffered saline.

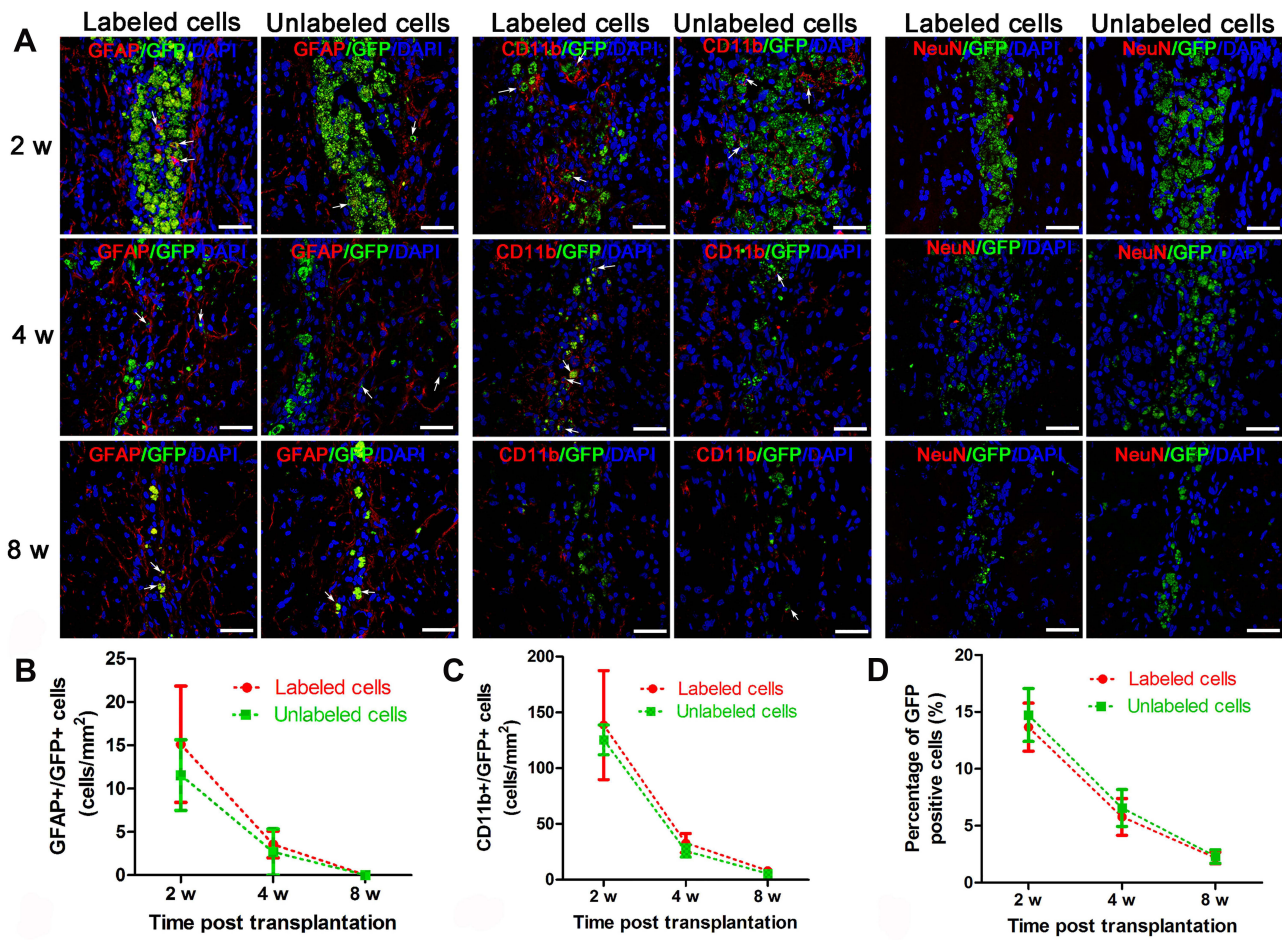


Figure 8 Histology of the grafted cells in the injection site.

Notes: Fluorescence immunostaining micrographs show that GFP-MSCs remained in the injection site in animals grafted with polymersome-labeled GFP-MSCs and unlabeled GFP-MSCs. Only a few surviving GFP-MSCs differentiated into GFAP-positive astrocytes (arrows), but not into NeuN-positive neurons. A large number of cells were phagocytized by macrophages (arrows) (A). Graphs show the numbers of GFAP⁺GFP⁺ (B), CD11b⁺GFP⁺ (C), and the percentage of GFP-MSCs (D) in animals grafted with polymersome-labeled GFP-MSCs and unlabeled GFP-MSCs. Bar = 15 μm.

Abbreviation: MSC, mesenchymal stem cell.

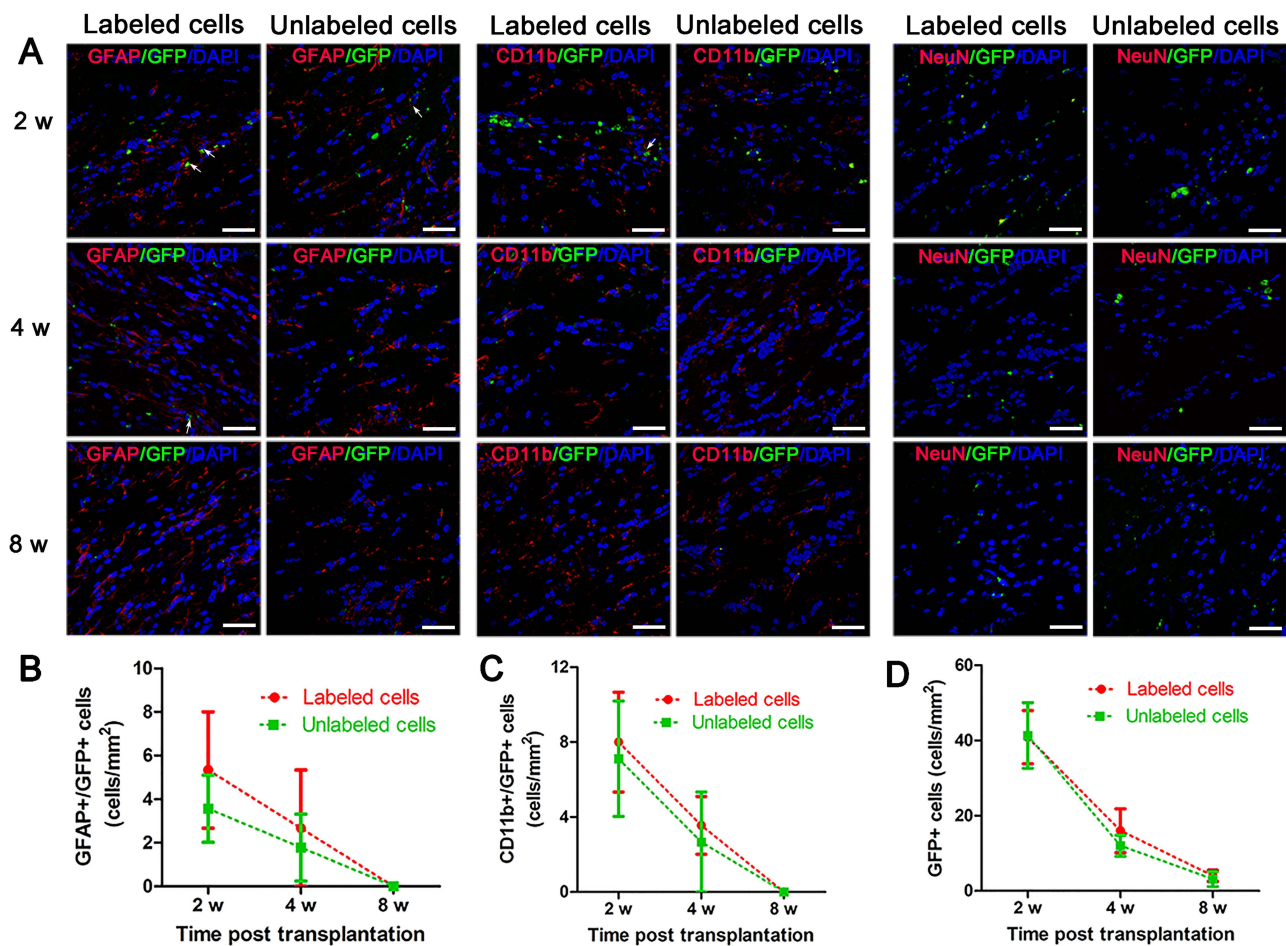


Figure 9 Histology of migrating cells in the corpus callosum.

Notes: Fluorescence immunostaining micrographs show that a small amount of GFP-MSCs migrated to the corpus callosum in animals treated with polymersome-labeled cells and unlabeled cells. Only a few surviving GFP-MSCs were differentiated into GFAP-positive astrocytes (arrows) and were phagocytized by macrophages (arrows), but no cells differentiated into NeuN-positive neurons (A). Graphs show the numbers of GFAP⁺GFP⁺ (B), CD11b⁺GFP⁺ (C), and GFP-MSCs (D) in animals grafted with polymersome-labeled GFP-MSCs and unlabeled GFP-MSCs. Bar = 15 μ m.

Abbreviation: MSC, mesenchymal stem cell.

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