



Retraction Note: intranasal administration of endometrial mesenchymal stem cells as a suitable approach for Parkinson's disease therapy

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The Editors-in-Chief have retracted this article. After publication, concerns were raised regarding duplicated or overlapping features in the figures. Specifically:

Figure 1B appears to contain duplicated cells and repeated patterns.

Figure 4 bottom brain section image appears highly similar to Fig. 1 top in [1].

Figure 4B appears to contain duplicated cells and repeated patterns.

In Fig. 5, some of the images appear to contain duplicated cells and repeated patterns or irregularities (rectangular frames around cells).

Figure 6 A appears to contain duplicated cells and repeated patterns.

Figure 6B and C images appear to overlap.

Figure 6D and E appear to overlap.

In Fig. 7, all images appear to contain duplicated cells and repeated patterns.

Figure 8 C and D appear to overlap.

The Editors-in-Chief therefore no longer have confidence in the presented data.

Mohammad Karimian agrees to this retraction. Saeid Bagheri-Mohammadi and Mahdi Nouredini do not agree to this retraction. Rana Moradian-Tehrani has not responded to any correspondence from the editor or publisher about this retraction. The publisher has not been able to obtain a current email address for Behrang Alani.

References

1. Roberts JM, Maniskas ME, Bix GJ (2018) Bilateral carotid artery stenosis causes unexpected early changes in brain extracellular matrix and blood-brain barrier integrity in mice. *PLoS ONE* 13(4):e0195765. <https://doi.org/10.1371/journal.pone.0195765>

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