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Correction: MSC-derived exosomes ameliorate erectile dysfunction by alleviation of corpus cavernosum smooth muscle apoptosis in a rat model of cavernous nerve injury

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The original article [1] contained an error in Fig. 5 which needs to be corrected. A wrong representative α -SMA immunofluorescence staining image of Sham group was used during assembly of the figure, and caused the image overlap between Sham and MSCs groups in Fig. 5a. The corrected Fig. 5 is presented in this correction.

In addition, the Fig. 7 legend also needs correction, that the magnification of panel B was mislabeled. The actual magnification of panel B is $100 \times$.

The correct Figure legend for Fig. 7 is as follows:

Fig. 7 MSC-Exos uptake in vitro and in vivo. A. The internalization of exosomes into CCSMCs was detected by fluorescence microscopy after CCSMCs were co-cultured with PKH26-labeled exosomes for 4 h, 8 h and 16 h, \times 200 amplification. B.PKH26-labeled exosomes were observed by immunofluorescence after injected intracavernous, \times 100 amplification

The authors state that these mistakes will not affect the result and conclusion of the article.

The original article can be found online at https://doi.org/10.1186/s13287-018-1003-1

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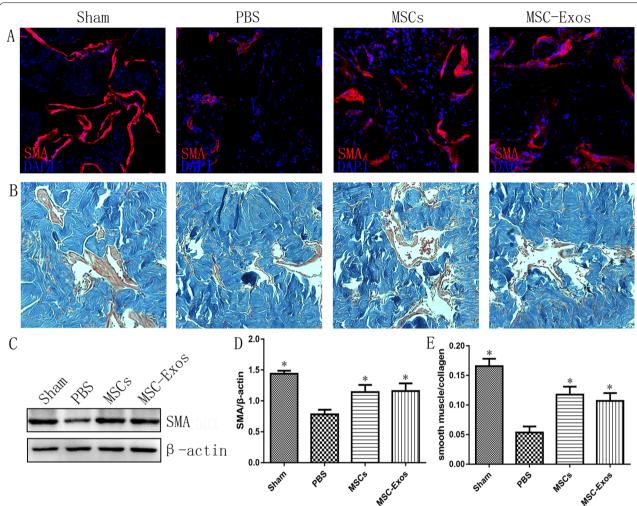


Fig. 5 Transplantations of MSCs or MSC-Exos increase the smooth muscle contents of the corpus cavernosum. **a** The expressions of SMA in the corpus cavernosum were detected at 4 weeks in each group. Original magnification, \times 200 DAPI = 4′,6-diamidino-2-phenylindole. **b** Representative images of Masson trichrome staining of actin and collagen in each group. Smooth muscle and connective tissue in the corpus cavernosum are stained red and blue, respectively. Original magnification, \times 200. **c** Representative images of western blots for SMA cavernosum in each group. **d** Data are presented as the relative density of SMA compared with that of β-actin. The density was determined semiquantitatively using ImageJ. Each bar depicts the means \pm standard deviations from n = 8 animals per group. *p < 0.05 compared with the PBS vehicle group. **e** Effect of MSCs or MSC-Exos treatment on the ratio of smooth muscle to collagen in the corpus cavernosum. Bars denote the mean densitometry ratio between smooth muscle content and collagen content per field (\pm standard error of the mean). *p < 0.05 compared with the PBS vehicle group

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