

Correction

Correction: Pu et al. Exosome miRNA Expression in Umbilical Cord Blood of High-Parity Sows Regulates Their Reproductive Potential. *Animals* 2022, 12, 2456

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Error in Figure

In the original publication [1], there was a mistake in “Figure 2C. The morphological characteristics of Umbilical Cord, and Figure 3D. The migration of HUVEC cells in vitro after 24 h of treatment with Exo-MS, Exo-OS, or PBS” as published. “This picture was improperly used due to a mistake in organizing pictures during the data handover process during the COVID-19 pandemic, but it does not affect the results and conclusions of the paper”. The corrected “Figure 2. Angiogenesis of OS pig was repressed, and Figure 3. The pro-angiogenesis role of Exo-OS was repressed.” appear below. The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.



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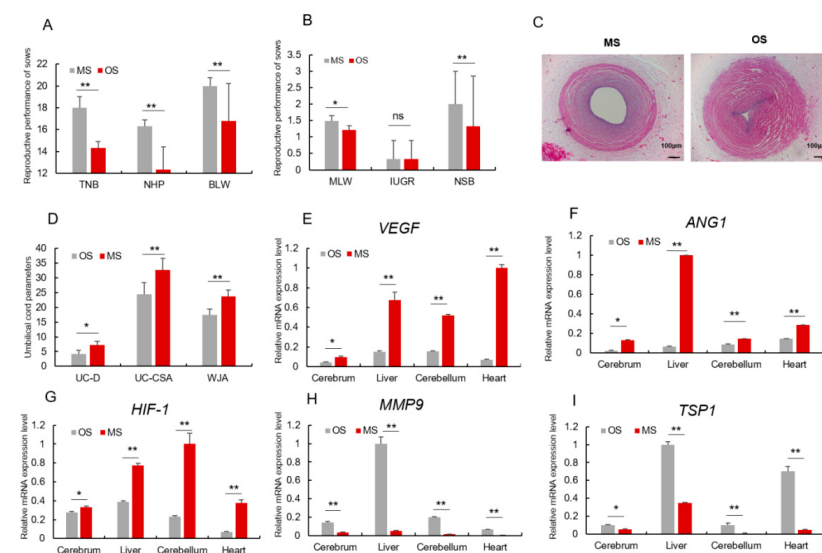


Figure 2. Angiogenesis of OS pig was repressed. (A,B) Reproductive performance of OS and MS sows. (C) The morphological characteristics of Umbilical Cord, 40×, scale = 100 μm, umbilical vein of MS; umbilical vein of OS. (D) Umbilical vein diameter (UV-D), umbilical vein cross-sectional area (UV-CSA), Wharton’s jelly (WJA). (E–G) mRNA relative expression level of pro-angiogenesis genes (*VEGF*, *ANG1*, *HIF-1*) in both MS and OS piglet’s tissues. (H,I) mRNA relative expression level of angiogenesis-inhibiting genes (*MMP9*, *TSP1*) in both MS and OS piglet’s tissues. * or ** represents significance at the 0.05 or 0.01 level, respectively, and ns represents no significance.

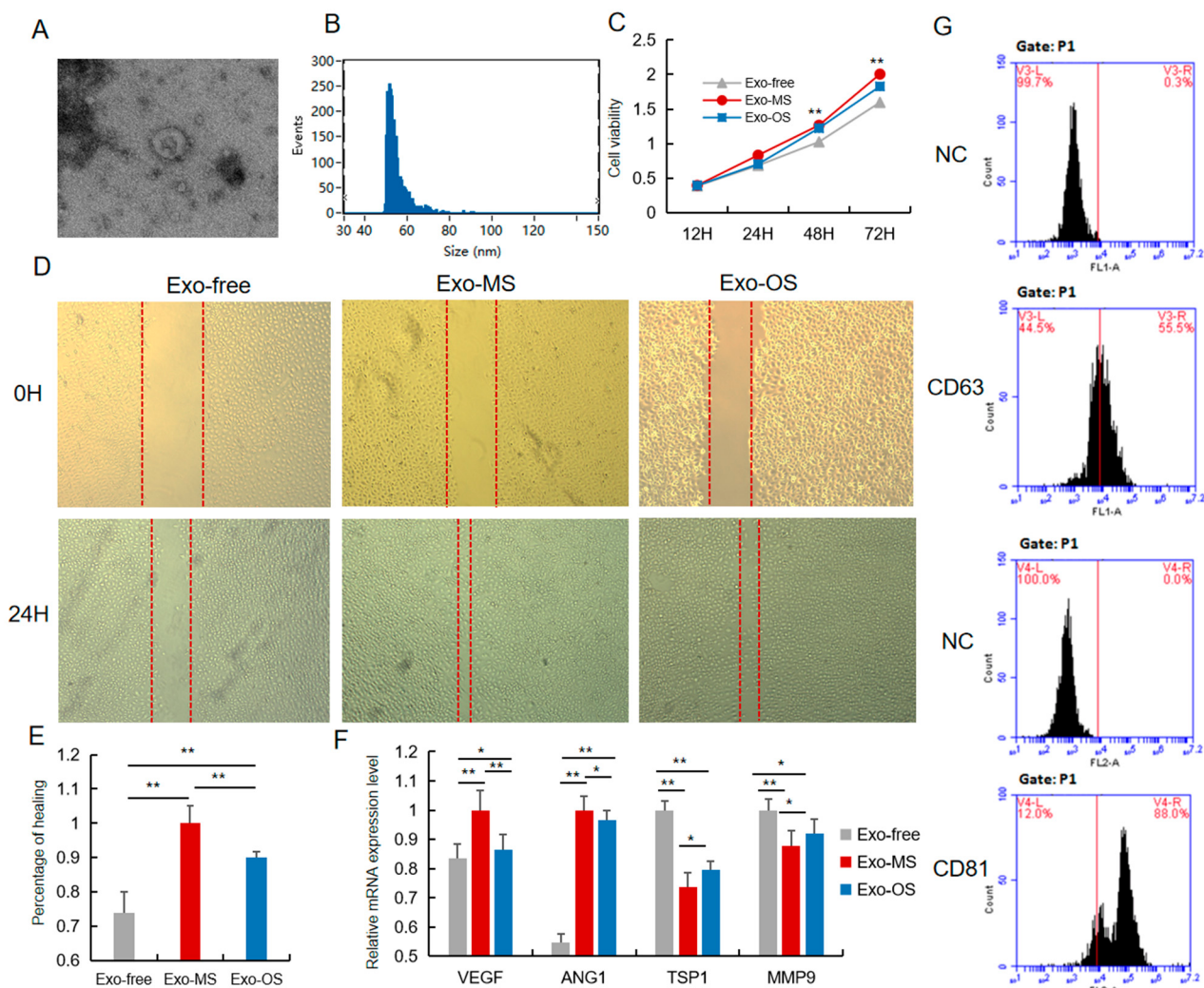


Figure 3. The pro-angiogenesis role of Exo-OS was repressed. (A) The 3D morphology of isolated pig UCB-EXO observed in electron microscope. (B) The line profile of electron microscope image size for UCB-EXO. X- and Y-axes are the size and events, respectively. (C) Cell viability was measured following Exo-OS, Exo-MS, or PBS treatment for 24 h, using the CCK8 analysis. (D) The migration of HUVEC cells in vitro after 24 h of treatment with Exo-MS, Exo-OS, or PBS was evaluated using scratch assay ($n = 3$). (E) Percentage of cells healed. (F) The expression level of *VEGF*, *ANG1*, *TSP1*, and *MMP9* mRNA after treating Exo-MS, Exo-OS, or PBS. (G) Positive rate of exosome marker proteins CD63 and CD81 detected by flow cytometry. * or ** represents significance at the 0.05 or 0.01 level, respectively.

Reference

1. Pu, Q.; Chai, J.; Chen, L.; Liu, C.; Yang, C.; Huang, Y.; Luo, J. Exosome miRNA Expression in Umbilical Cord Blood of High-Parity Sows Regulates Their Reproductive Potential. *Animals* **2022**, *12*, 2456. [CrossRef] [PubMed]

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