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Title

Correction: Perfluorooctane Sulfonate Disturbs Nanog Expression through miR-490-3p in Mouse Embryonic Stem Cells

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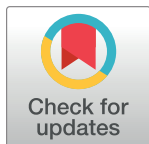
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CORRECTION

Correction: Perfluorooctane Sulfonate Disturbs Nanog Expression through miR-490-3p in Mouse Embryonic Stem Cells

Bo Xu, Xiaojiao Chen, Zhilei Mao, Minjian Chen, Xiumei Han, Guizhen Du, Xiaoli Ji, Chunxin Chang, Virender K. Rehan, Xinru Wang, Yankai Xia

In [Fig 2b](#), the image appearing in the GADPH row is incorrect. Please see the complete, correct [Fig 2](#) here.



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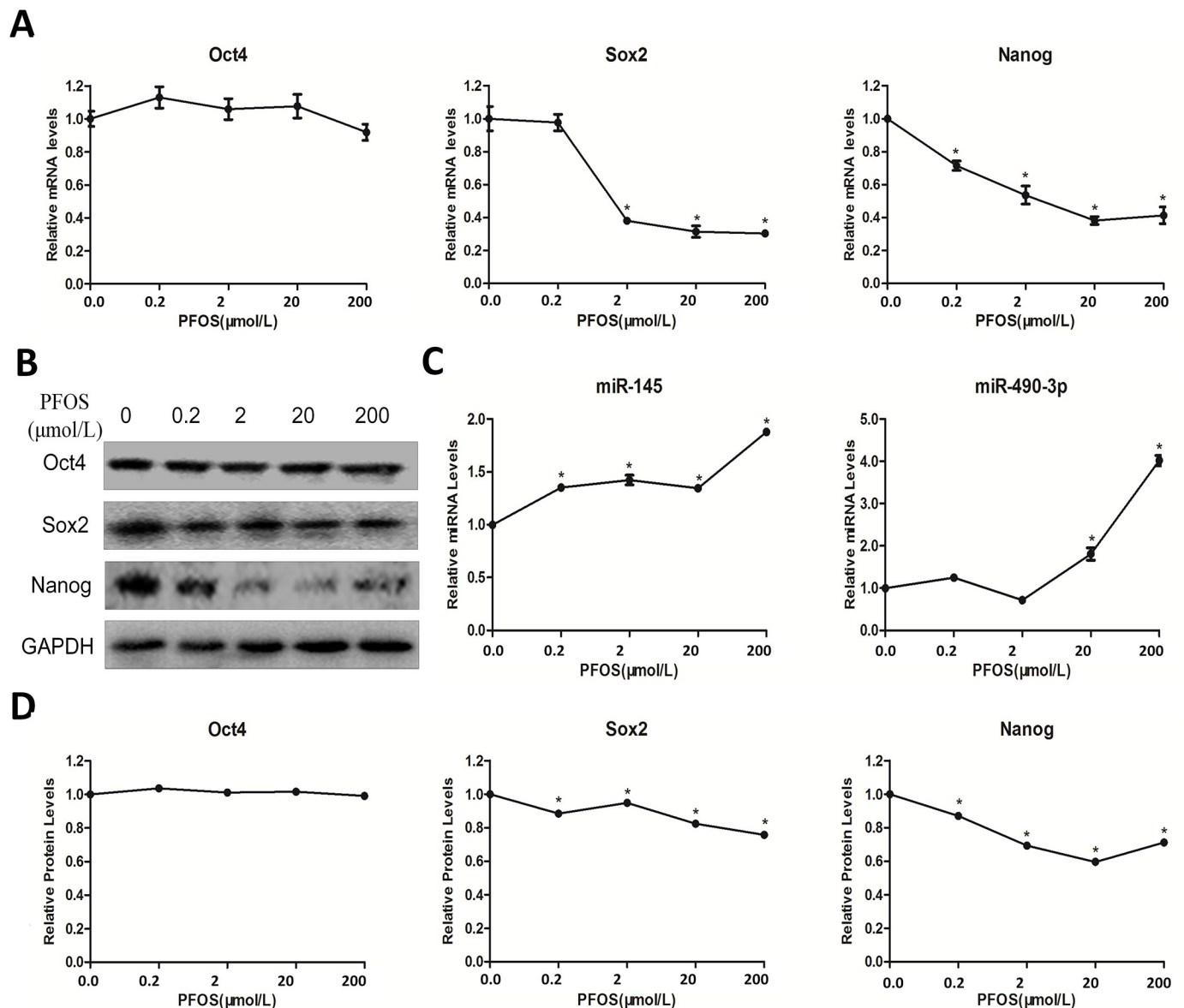


Fig 2. Effects of PFOS on pluripotency and expressions of *miR-145*, *miR-490-3p* in mESCs. Cells were cultured with various concentrations of PFOS (0.2 μM , 2 μM , 20 μM , and 200 μM) or DMSO as control for 24 h. (A) Oct-4/Sox-2/Nanog mRNA levels were determined by quantitative real-time PCR using a housekeeping gene GAPDH as an internal control. (B) The protein levels of Oct-4/Sox-2/Nanog were determined by Western blot analysis using GAPDH as an internal control. (C) miRNA levels (*miR-145*, *miR-490-3p*) were determined by quantitative real-time PCR and were normalized to U6 as an internal control. Each data point was normalized to the control (DMSO) and represented the means $\pm$ S.E. from three independent experiments. (D) Relative protein levels of Oct4, Sox2 and Nanog. * indicates significant difference when the values were compared to that of the control ($p < 0.05$).

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Reference

1. Xu B, Chen X, Mao Z, Chen M, Han X, Du G, et al. (2013) Perfluorooctane Sulfonate Disturbs Nanog Expression through miR-490-3p in Mouse Embryonic Stem Cells. PLoS ONE 8(10): e74968. <https://doi.org/10.1371/journal.pone.0074968> PMID: 24098361