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CORRECTION

Correction: Adipose Tissue-Derived Mesenchymal Stem Cells in Long-Term Dialysis Patients Display Downregulation of PCAF Expression and Poor Angiogenesis Activation

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There is an error in Fig 1. Panel B is a duplicate of Panel A. Please see the corrected Fig 1 below.

Citation: Yamanaka S, Yokote S, Yamada A, Katsuoka Y, Izuhara L, Shimada Y, et al. (2016) Correction: Adipose Tissue-Derived Mesenchymal Stem Cells in Long-Term Dialysis Patients Display Downregulation of PCAF Expression and Poor Angiogenesis Activation. PLoS ONE 11(6): e0157282. doi:10.1371/journal.pone.0157282

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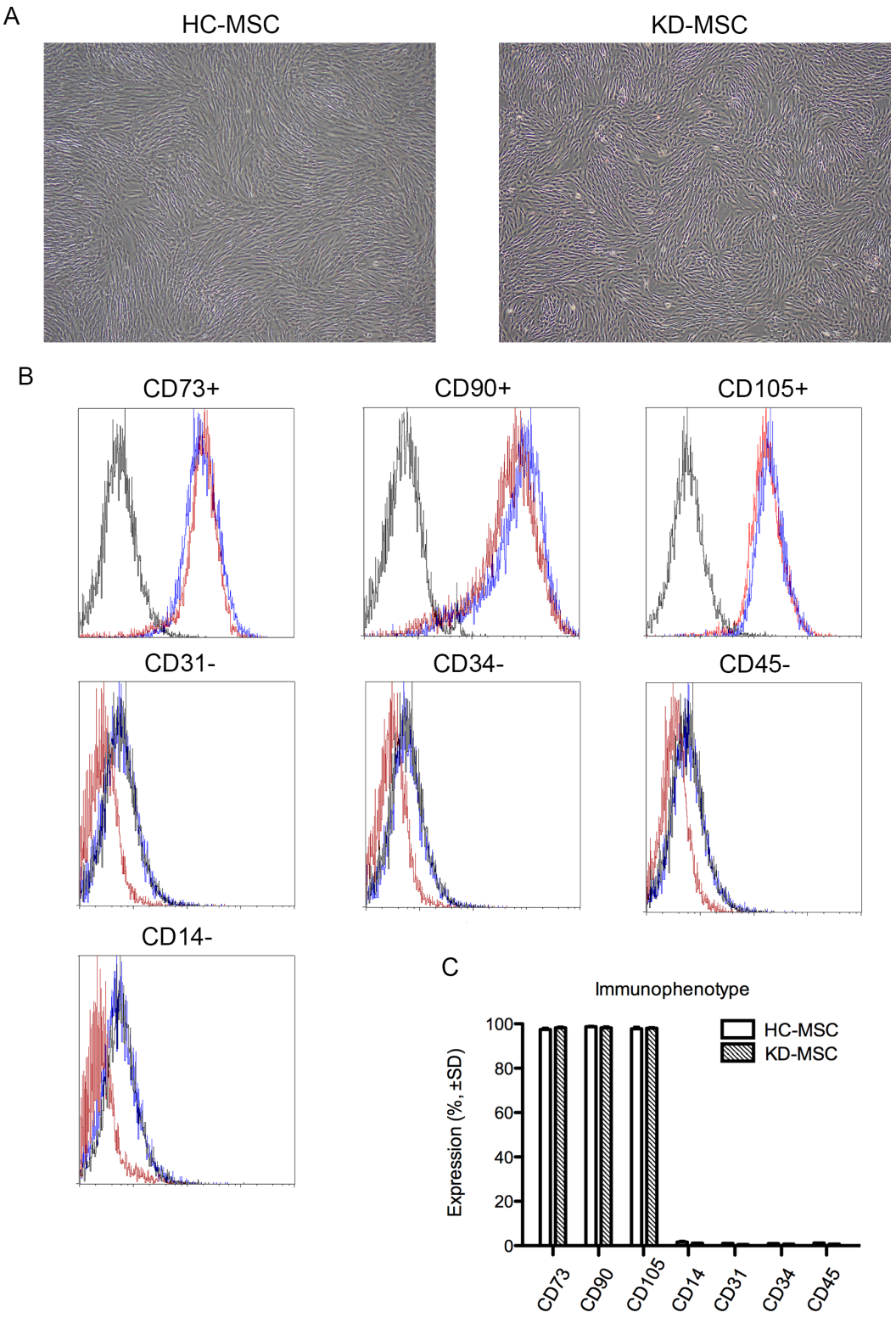

Fig 1. Characteristics of mesenchymal stem cells from healthy controls (HC-MSCs) and patients with ESKD (KD-MSCs). (A) Representative images of HC-MSCs (left) and KD-MSCs (right; original magnification, ×100). (B) Flow cytometric analysis of cell surface marker expression of HC-MSCs (solid lines; $n = 6$) and KD-MSCs (dashed lines; $n = 9$). Isotype-matched IgG controls are represented by solid histograms. (C) Comparison of cell surface marker expression in HC-MSCs ($n = 6$) and KD-MSCs ($n = 9$). The percentages of positive cells are shown. Data are the mean ± SE. There were no significant differences.

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There are a number of errors in the caption for Fig 5, "Western blot analysis of PCAF, HIF-1α, and VEGF expression under hypoxia and normoxia.' Please see the complete, correct Fig 5 caption here.

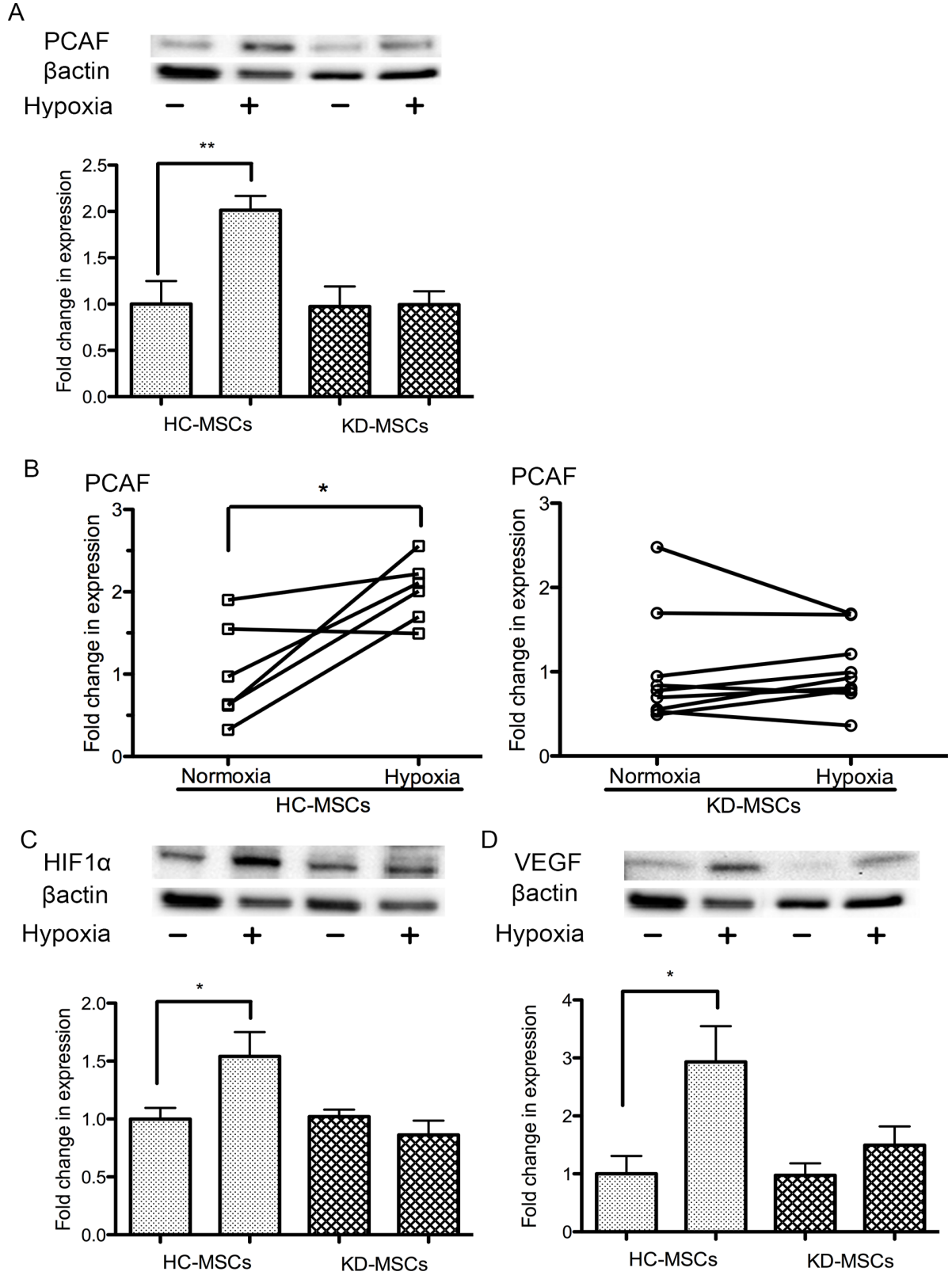

Fig 5. Western blot analysis of PCAF, HIF-1α, and VEGF expression under hypoxia and normoxia. (A) Western blot analysis of PCAF expression in KD-MSCs ($n = 9$) and HC-MSCs ($n = 6$) under normoxia and hypoxia (1% O_2). Data are the mean ± SE. **P < 0.01 normoxia versus hypoxia in HC-MSCs (two-tailed, unpaired *t*-test). (B) Western blot analysis of PCAF expression at 24 h under hypoxia showed it to be clearly upregulated in HC-MSCs. There was no change in PCAF in KD-MSCs under hypoxia. Data are the mean ± SE (HC-MSCs $n = 6$, KD-MSCs $n = 9$; $^{*}P<0.05$ versus normoxia, two-tailed, paired *t*-test). (C) Western blot analysis of HIF-1α expression in KD-MSCs ($n = 9$) and HC-MSCs ($n = 6$) under normoxia and hypoxia. Data are the mean ± SE. $*P<0.05$ versus normoxia (two-tailed, unpaired *t*-test). (D) Western blot analysis of VEGF expression in KD-MSCs ($n = 9$) and HC-MSCs ($n = 6$) under normoxia and hypoxia. Data are the mean ± SE. $*P<0.05$ versus normoxia (two-tailed, unpaired *t*-test). (A–D) MSC lines were isolated independently. Because of the differing molecular weights of PCAF, HIF1α, VEGF, and β-actin, molecular-weight-bands in the western blot were cut out and stained with their respective specific antibodies. The endogenous β-actin band was used as an internal control for each band derived from other proteins.

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Reference

1. Yamanaka S, Yokote S, Yamada A, Katsuoka Y, Izuhara L, Shimada Y, et al. (2014) Adipose Tissue-Derived Mesenchymal Stem Cells in Long-Term Dialysis Patients Display Downregulation of PCAF Expression and Poor Angiogenesis Activation. PLoS ONE 9(7): e102311. doi:10.1371/journal.pone.0102311 PMID: 25025381