Prophylactic NAC Promoted Hematopoietic Reconstitution by Improving Endothelial Cells after haploidentical HSCT：a Phase 3, Open-label Randomized Trial

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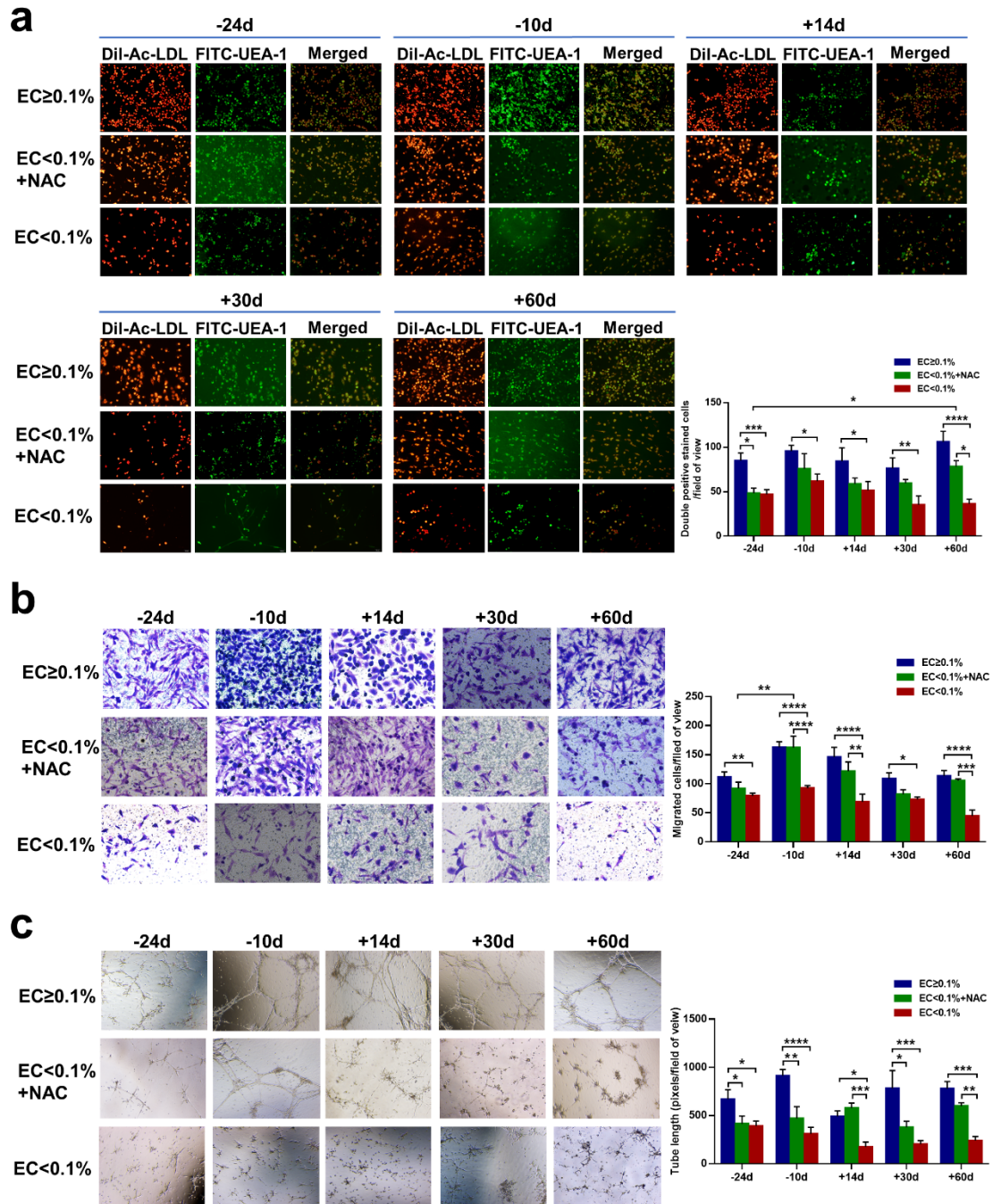
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Fig. S1. Prophylactic NAC improved function of ECs in EC<0.1% group to similar levels in EC>0.1% group.

Fig. S1

a

b

c

Fig. S1. Prophylactic NAC improved function of ECs in EC<0.1% group to similar levels in EC>0.1% group. (a) Representative images of typical BM ECs characterized by double-positive staining (merged in yellow) of both DiI-AcLDL(red) and FITC-UEA-1(green) (original magnification×10) and

quantification of BM double-positive staining cells (second row right panel) per field of view were analyzed among the three groups before randomization(-24d), at the time of conditioning initiation(-10d), and +14, +30, +60d post-HSCT. **(b)**Representative images (left panel, original magnification×10) and quantification (right panel) of transwell migration assays of cultivated BM ECs per field of view were analyzed among the three groups. **(c)**Representative images (left panel, original magnification×10) and quantification (right panel) of tube formation (pixels of tubes per field of view) assays of cultivated BM ECs were analyzed among the three groups. The data are expressed as the mean and SEM. $P \leq 0.05$ was considered statistically significant and values are provided in the figure (*$P \leq 0.05$, ** $P \leq 0.01$, *** $P \leq 0.001$, **** $P \leq 0.0001$).