Preventive effects of vitamin D treatment on bleomycin-induced pulmonary fibrosis

Running title: Vitamin D prevents bleomycin-induced pulmonary fibrosis

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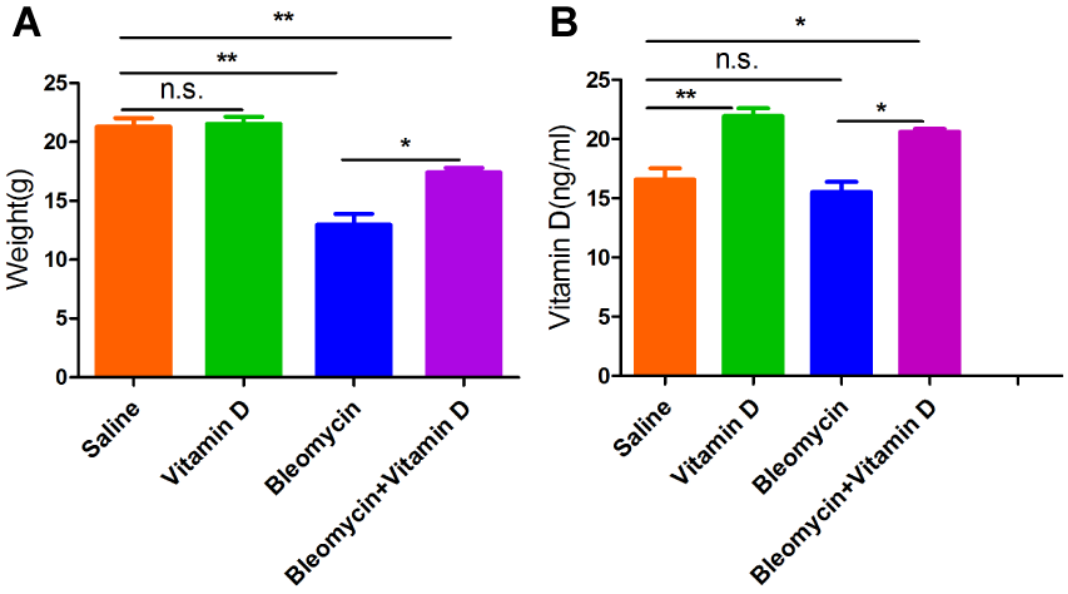
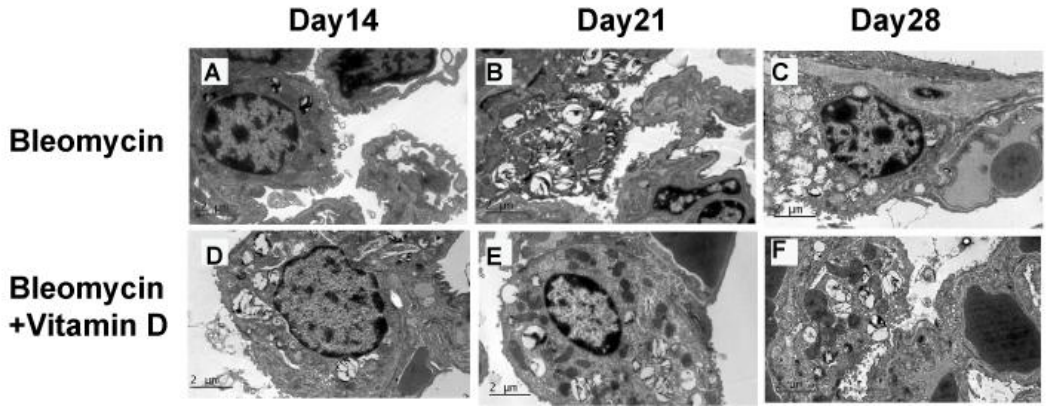
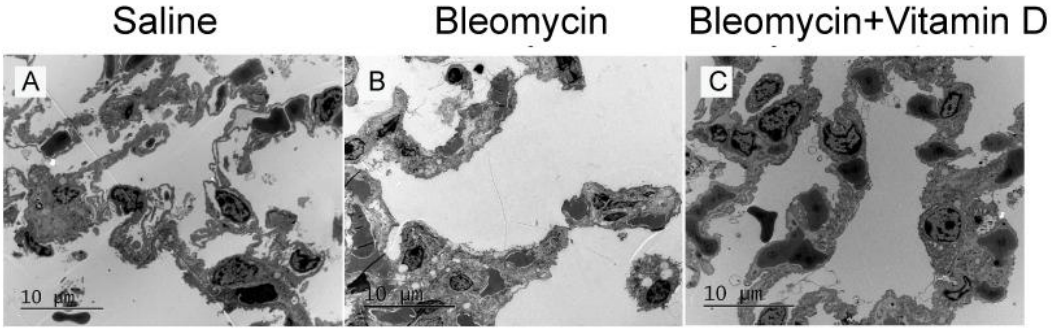


sFig 1 Body weight and serum vitamin D levels in 4 groups on day 28.(n=3) There was no significant body weight difference between the saline and vitamin D treatment groups (A) . Vitamin D treatment partly rescued the weight reduction caused by bleomycin (A) and increased the serum vitamin D levels (B). *P<0.05, **P<0.01.



sFig 2 TEM micrographs of the lamellar body in bleomycin group and vitamin D treatment group of three time points. Bleomycin group day14(A), day 21(B), and day 28(C). Bleomycin+Vitamin D group, day 14(D), day 21(E), and day 28(F). The bleomycin+vitamin D group had significant less lamellar body swelling or vacuolation than the bleomycin group on day 28 but not on earlier days. Bars=2㎛



sFig 3 Overview imagine of TEM of three groups at Day 28. Saline group (A), bleomycin group (B) and bleomycin+vitamin D group (C). Bars=10μm