



**Supplementary Figure 1.** Representative histological lung sections from normal and bleomycin (BLM) group at day 18. (A, E) Normal group, stained with H&E stain, (B, F) BLM group, stained with H&E stain, (C, G) normal group with Masson's trichrome stain, (D, H) BLM group with Masson's trichrome stain (A-D:  $\times 40$ ; E-H:  $\times 100$ ). (I) Semi-quantitative analyses of lung tissue for each group using the Ashcroft score. BLM induced significant alveolar wall thickening, increased inflammatory cells infiltration and collagen deposit.