**Supplemental materials**

# Molecular Regulation of Heme Oxygenase 1 Expression by E2F Transcription Factor 2 in Lung Fibroblast Cells: Relevance to Idiopathic Pulmonary Fibrosis

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**Supplemental Figure S1. Bleomycin indues lung fibrosis.** C57BL/6 mice were intratracheal injection with bleomycin. After 3 weeks, lung tissues were subjected to H&E staining. Scale bar, 1 mm.

**Supplemental Figure S2. HLM006474 increases HO-1 levels in HSAEpCs.** HSAEpCs were treated with HLM in different concentrations for 24 hours and HO-1 and β-actin protein levels were analyzed by immunoblotting (n=2).

**Supplemental Figure S3. HMOX1 upregulation is not through TGF-β1 stimulation.** Human lung fibroblast cells (CCL-210) were stimulated with TGF-β1 in different doses **(A)** and time points **(B).** Cell lysates were examined by immunoblotting with HO-1 and β-actin antibodies (n=3).