Supporting Information

Protective Effects of α-Boswellic Acids in a Pulmonary Arterial Hypertensive Rat Model

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**Fig. 1S** 6-BA20 subgroup PASMCs, picture obtained by light microscopy. High magnification (400 ×) visual field.

![Image](image1.png)

**Fig. 2S** 6-BA20 subgroup PASMCs, picture obtained by light microscopy. High magnification (400 ×) visual field.

![Image](image2.png)
Fig. 3S DMSO20 subgroup PASMCs, picture obtained by light microscopy. High magnification (400 ×) visual field.

Fig. 4S Hypoxia subgroup PASMCs, picture obtained by light microscopy. High magnification (400 ×) visual field.
**Fig. 5S** Hypoxia subgroup PASMCs, picture obtained by light microscopy. High magnification (400 ×) visual field.

**Fig. 6S** PASMCs, picture obtained by dark field microscopy. High magnification (400 ×) visual field.
Fig. 7S PASMCs, picture obtained by dark field microscopy. High magnification (400 ×) visual field.

Fig. 8S PASMCs, picture obtained by dark field microscopy. High magnification (400 ×) visual field.
**Fig. 9S** PASMCs, picture obtained by immunofluorescence. High magnification (400 ×) visual field.

**Fig. 10S** PASMCs, picture obtained by immunohistochemistry. High magnification (400 ×) visual field.
Fig. 11S PASMCs, picture obtained by immunohistochemistry. High magnification (400 ×) visual field.

Fig. 12S β-actin Western blotting band.
Fig. 13S ERK Western blotting band.

Fig. 14S GAPDH Western Blotting band.
**Fig. 15S** JNK1 Western Blotting band.

Left-to-right: DMSO40, α-BARO40, DMSO20, α - BAR20, DMSO10, α - BAR10, Hypoxia, Blank in turn.

**Fig. 16S** p-ERK Western Blotting band.

Left-to-right: DMSO40, α - BAR40, DMSO20, α - BAR20, DMSO10, α - BAR10, Hypoxia, Blank in turn.
**Fig. 17S** p-JNK Western Blotting band.

**Fig. 18S** α-BA product specification.
**Fig. 19S** Graphs from apoptosis analysis at 72 h by flow cytometry.

**Fig. 20S** Graphs from apoptosis analysis at 72 h by flow cytometry.