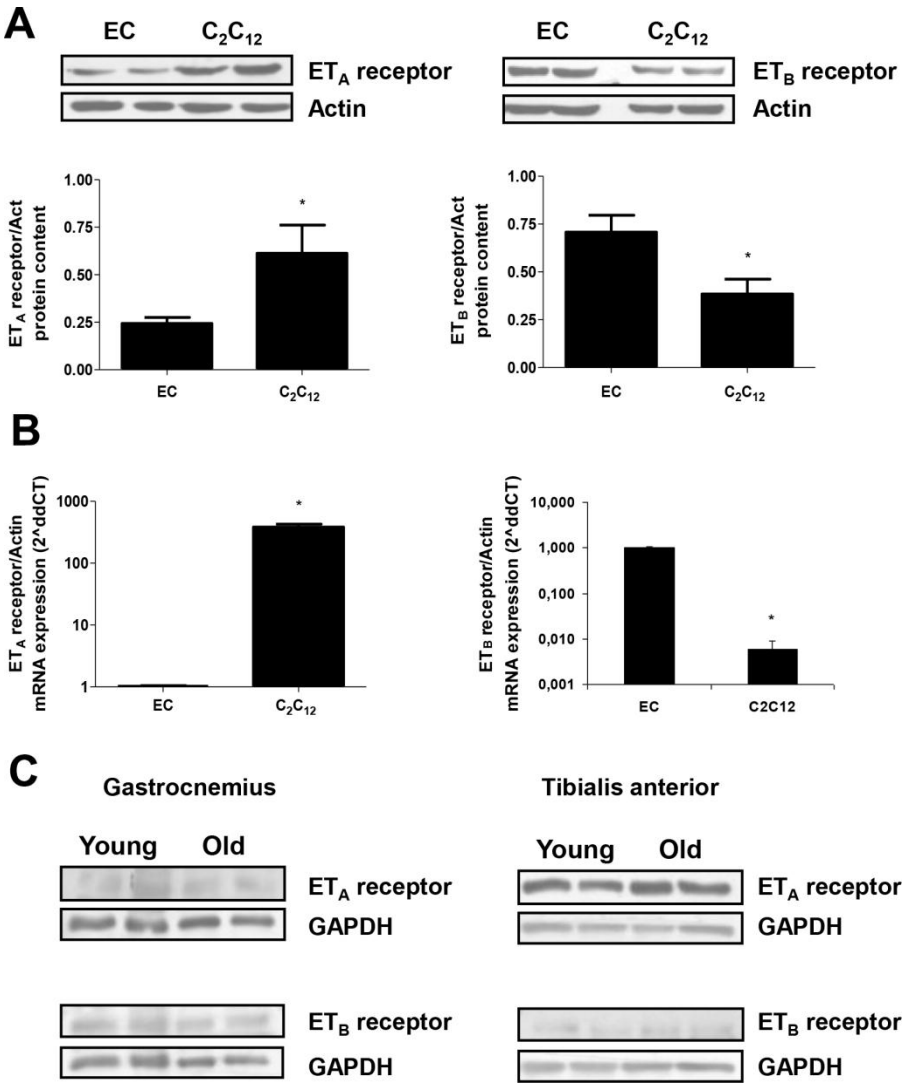
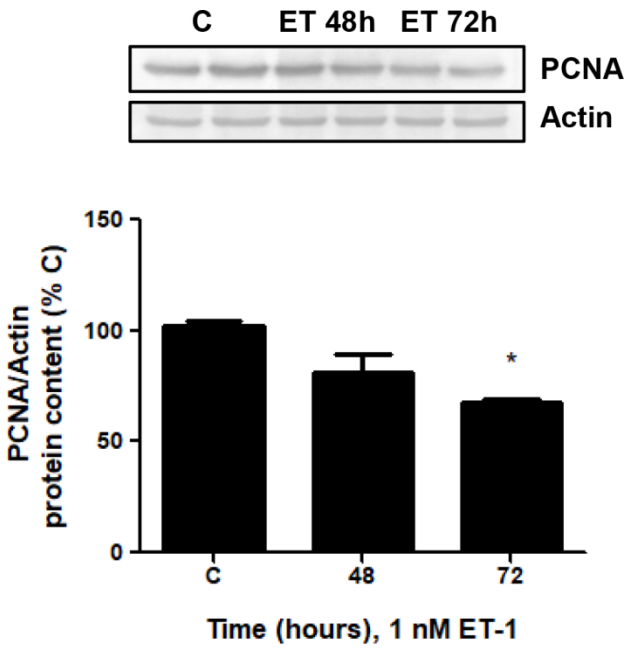
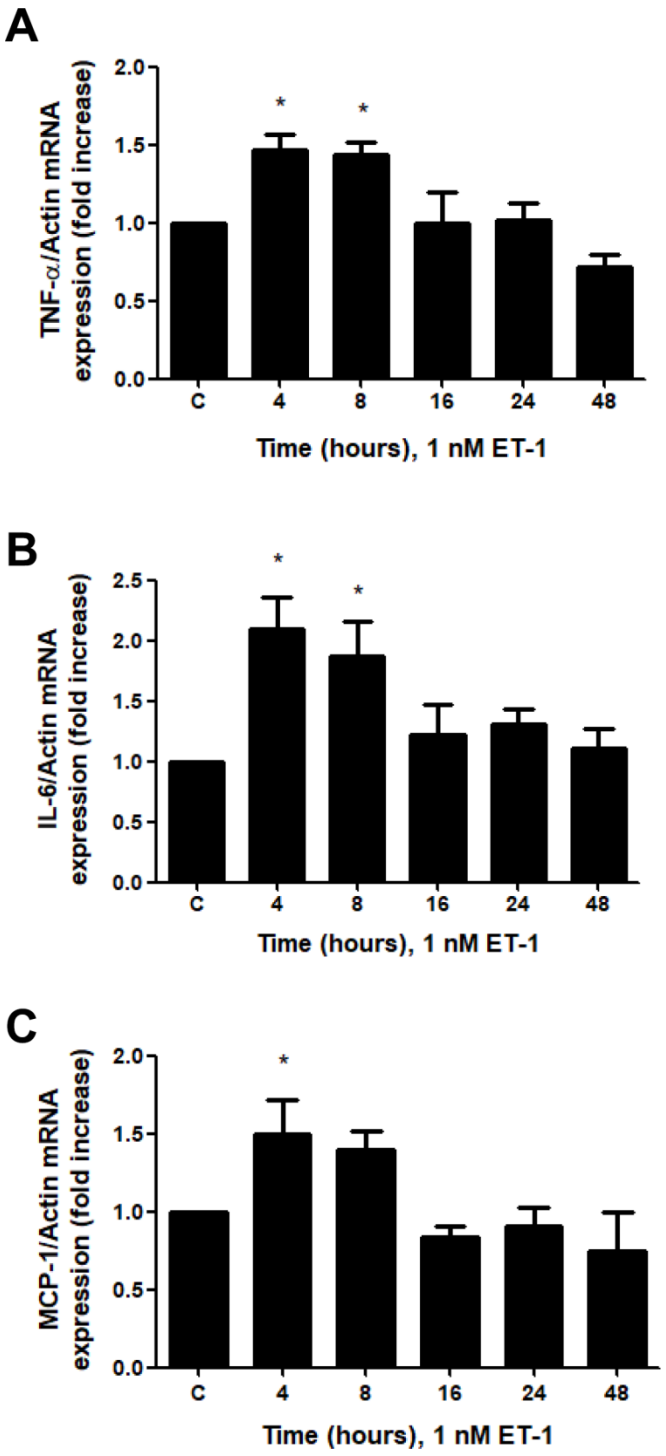
SUPPLEMENTARY FIGURES



Supplementary Figure 1. Expression of ET receptors in mouse myoblasts (C_2C_{12}) and gastrocnemius and tibialis anterior muscles from mice. Expressions of ET_A and ET_B receptors were assessed in cultured cells, endothelial cells (EC) and mouse myoblasts (C_2C_{12}) (**A**, **B**), and mice muscles (**C**), by Western blot (**A**, **C**) and by RT-qPCR in cells (**B**). Representative Western blots are shown at the top of panel A with the densitometric analyses below. Values are the mean±SEM of 3 independent experiments, *p<0.05 vs. endothelial cells (EC).



Supplementary Figure 2. Endothelin-1 reduces PCNA expression in mouse myoblasts (C_2C_{12}). Cells were incubated with 1 nM ET-1 at different times. Then, PCNA protein content was assessed by Western blot. A representative Western blot is shown at the top with the densitometric analysis below. Values are the mean±SEM of 3 independent experiments, *p<0.05 vs. control cells (C).



Supplementary Figure 3. Endothelin-1 increases pro-inflammatory cytokines expression in mouse myoblasts (C_2C_{12}). Cells were incubated with 1 nM ET-1 at different times. Then, TNF-α (**A**), IL-6 (**B**) and MCP-1 (**C**) mRNA expressions were assessed by real-time PCR. Values are the mean±SEM of 3 independent experiments, *p<0.05 vs. control cells (**C**).