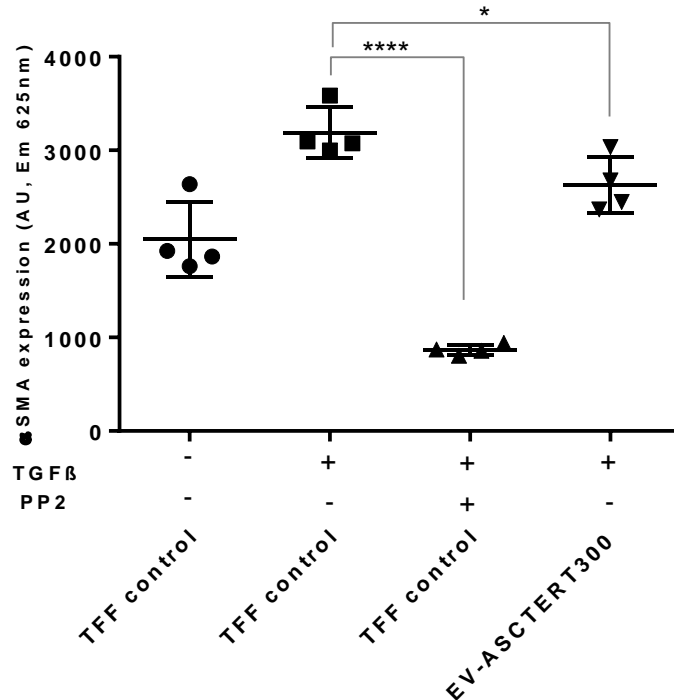


Extracellular vesicles from ASC/TERT300 Influence on myo-fibroblast differentiation



Treatment of telomerized human dermal fibroblasts fHDF/TERT166 with transforming growth factor beta (TGF-β) induces expression of alpha smooth muscle actin (α-SMA).

Addition of extracellular vesicles from ASC/TERT300 cells significantly reduces α-SMA expression, demonstrating an effect of EVs on myofibroblast differentiation / anti-fibrotic activity in vitro.

SRC-inhibitor PP2 was used as positive, TFF enriched medium (TFF control) as negative control.