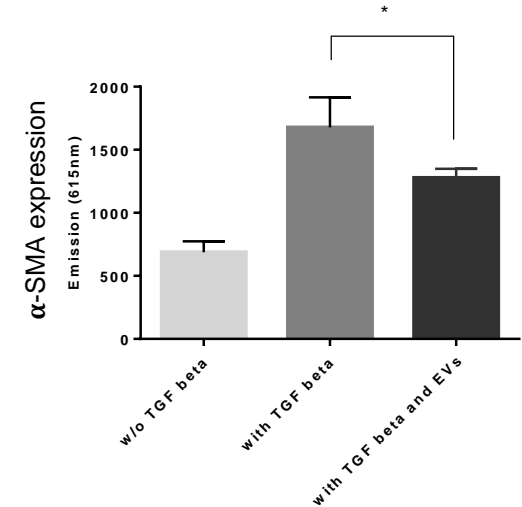
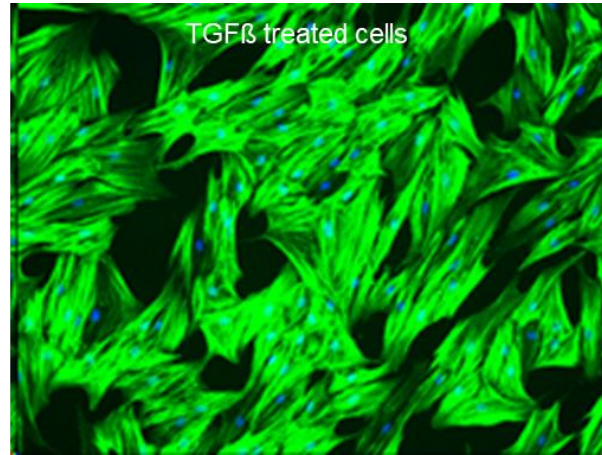
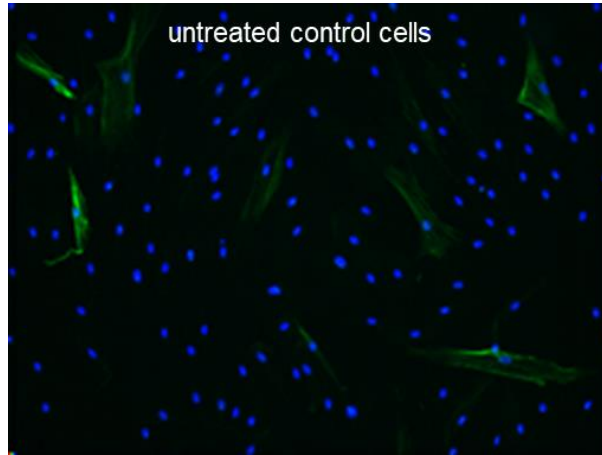


# Study of myofibroblast differentiation

## Effect of extracellular vesicles on $\alpha$ -SMA expression



treatment of telomerized human fibroblasts fHDF/TERT166 with transforming growth factor beta (TGF $\beta$ ) and induction of alpha smooth muscle actin ( $\alpha$ -SMA) expression (immunofluorescence staining, cell nuclei are counterstained with DAPI)

reduction of  $\alpha$ -SMA upon treatment with extracellular vesicles from MSCs (WJ-MSC/TERT273)