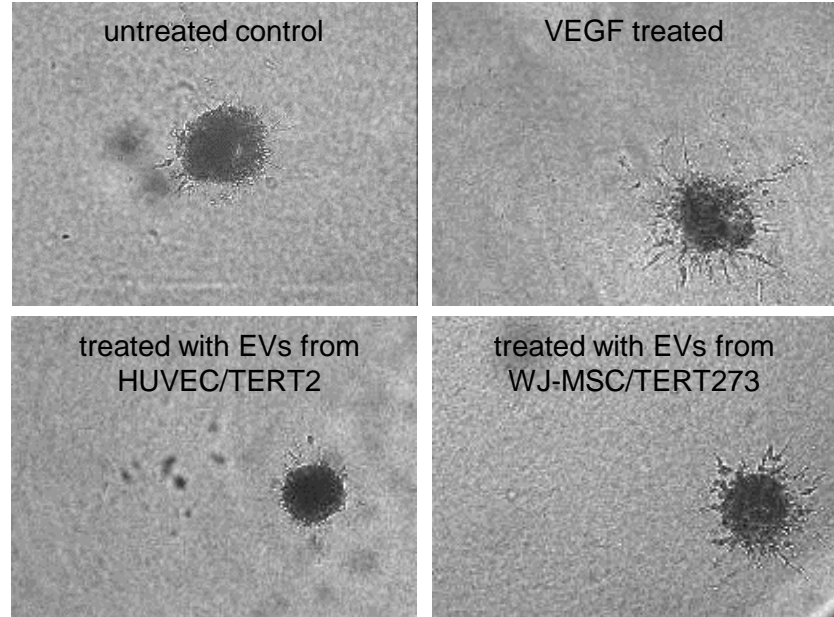


Testing of pro- / anti- angiogenic potential of EVs

Monitoring sprout formation upon EV treatment



cultivation of telomerized human umbilical vein endothelial cells HUVEC/TERT2 as spheroids in hanging drops; embedding of spheroids into semi-solid matrix



treatment of spheroids with vascular endothelial growth factor (VEGF), extracellular vesicles from endothelial cells or Wharton's Jelly derived MSCs, induction of sprout formation by VEGF and EVs from WJ-MSC/TERT273 cells