



SUPPLEMENTARY FIG. S4. Morphology during co-culture of MSC with different cancer cell populations. **(A)** MSC270114^{GFP} P3 were co-cultured with NIH:OVCAR-3^{cherry}. **(B)** MSC270114^{GFP} P3 were co-cultured with SK-OV-3^{cherry}, and **(C)** MSC180314^{GFP} P5 were co-cultured with SCCOHT-1^{cherry} whereby cellular interactions with the extension of nanotubes (*yellow arrows*), formation of exosomes (*white arrows*), and partially overlapping membranes are demonstrated between MSC and corresponding tumor cells. Scale bars represent 25 to 50 μm. **(D)** A 7 days in vitro mono-culture of MSC^{GFP} demonstrated cellular interactions with cell-associated and released GFP-labeled exosomes (*white arrowheads*) and some extension of nanotubes (*yellow arrows*) at focal contacts between MSC. Scale bars represent 200 μm.