



SUPPLEMENTARY FIG. S2. Microscopic pictures of the T cells and MSCs seeded in cultures and cocultures. **(A)** Representative image of T-cell proliferation in absence of MSCs at 4 days of culture in a 24-well plate. Scale bar 100 μm (magnification 10 \times). **(B)** Representative image of T-cell proliferation in cocultures with MSCs at 4 days of culture in a 24-well plate with transwell at 1:1 ratio of MSCs:T cells. Scale bar 100 μm (magnification 10 \times). **(C)** Appearance under the microscope of microbeads CD3/CD28 T-cell expander of 4.5 μm of size (indicated by *arrows*). Microbeads are easily visible by optic microscopy at 4 days of culture without evidence of phagocytosis. Scale bar 100 μm (magnification 40 \times). **(D)** Appearance of cultures of 1×10^5 MSCs from indicated sources at 24 h after seeded and previous to coculture with T cells. Scale bar 100 μm (magnification 10 \times). **(E)** Cocultures of activated T cells in presence of MSCs from indicated source at 24 h at 1:1 ratio of MSCs:T cells. Scale bar 100 μm (magnification 10 \times). **(F)** Cocultures of activated T cells in presence of MSCs from indicated source at 4 days at a 1:1 ratio of MSCs:T cells. Scale bar 100 μm (magnification 10 \times).