



Figure S1 MSC cells form spheroids in KSR containing medium.

(A) Morphology of hMSCs cultured in L-FBS at passage 3 at day 1, 3 and 6; (B) hMSC spheroids at day 6 generated from hMSCs at passage 3 in L-DMEM at the indicated concentrations of KSR. Statistical analysis of spheroids diameter of hMSCs cultured in different concentrations of KSR in L-DMEM medium; (C) hMSC spheroids at day 6 generated from hMSCs at passage 3 in different basal medium, including RPMI1640, DMEM/F12, H-DMEM, MEM, with 20% KSR. Statistical analysis of spheroids diameter cultured of hMSCs cultured in different medium system. Spheroid diameters were measured from captured images ($n = 12-20$), and values show mean \pm SD ($n = 3$). Scale bars: $100 \mu\text{m}$