

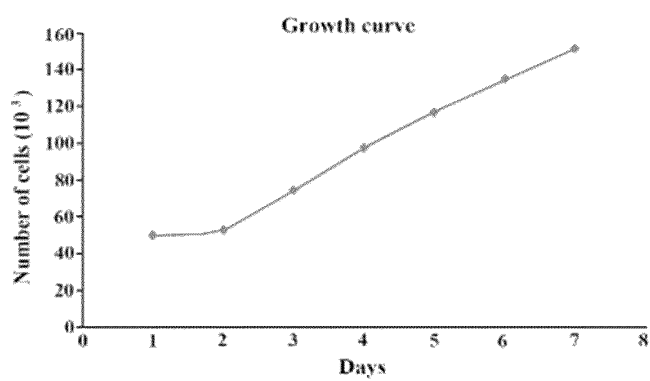


Figure 1: Growth curve for EnMSCs after 7 days cell culture

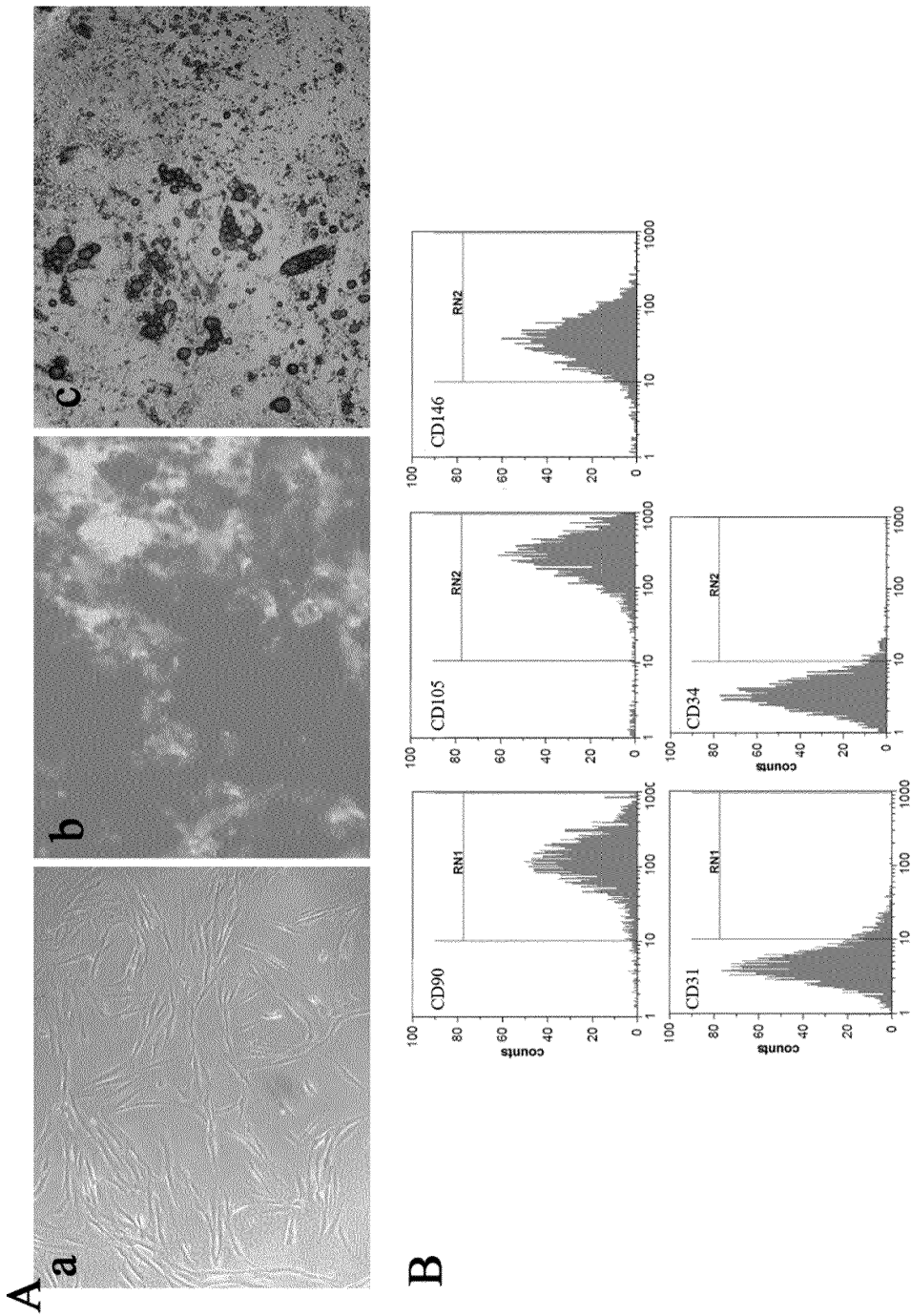


Figure 2: EnMSCs Characterisation. A) a: EnMSCs after 3 passages. b: differentiation of EnMSCs into osteocyte and c: adipocyte cells. Scale bar: 50 μ m.

B) flowcytometry analysis for EnMSCs after 3 passages for CD105, CD90, CD146 (positive markers) and CD34 and CD31 (negative markers).

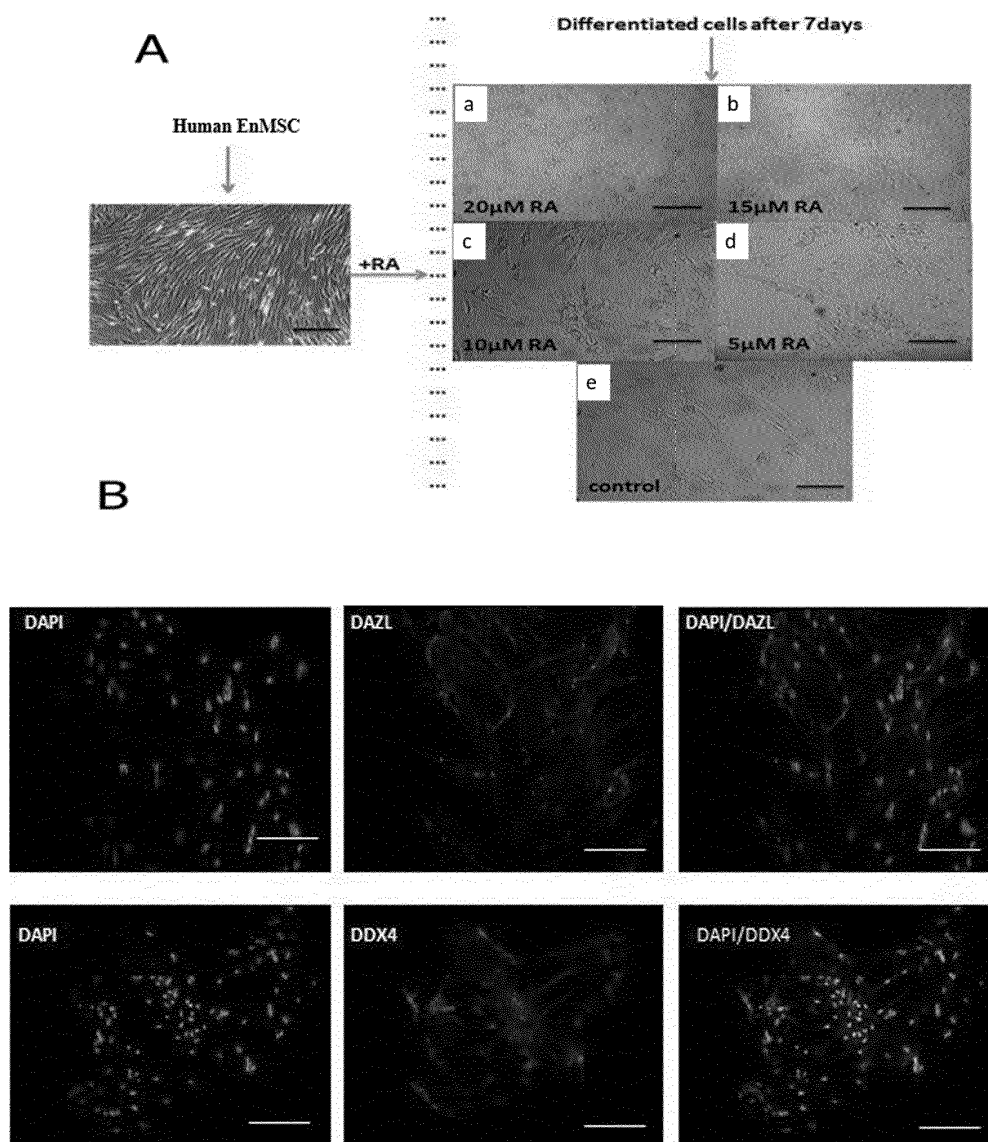


Figure 3: Differentiation of human EnMSCs into germ cell-like cells. A: A: Differentiation of human EnMSCs into germ cell-like cells in four different RA (Retinoic Acid) concentrations: a) RA 20 μ M, b) 15 μ M, c) 10 μ M, d) 5 μ M. e) Control cells without RA after 7 days. Scale bar is 100 μ m. B: Immunocytochemical analysis for expression of germ cell markers (DAZL and DDX4). Cell nuclei were stained with DAPI. Scale bar is 100 μ m.