



Fig. S1 Characterization of SCAP. **a** Morphology of primary SCAP. Scale bar = 200 μm . **b** Alizarin red S staining showed the formation of mineralized nodules. Scale bar = 100 μm . **c** Oil red O staining showed lipid droplet formation. Scale bar = 50 μm . **d** Flow cytometric analysis showed that SCAP were positive for CD73, CD90 and CD105 but negative for CD31, CD34 and CD45.