Supplementary figures

Figure S1. Characteristic of BMSCs. (A) Images of the third generation of primary BMSC (i), HE staining of BMSCs (ii), Oil Red O staining cells (× 40) after 3 weeks culture (iii), and Alizarin red staining cells (× 200) after 4 weeks culture (iv). (B) Flow cytometry assay of BMSCs markers CD44 (94.9%) and CD90 (92.7%), endothelial cell marker CD31 (0.2%), and haematopoietic cell marker CD45 (0.7%).

Figure S2. The concentration of TNF-α in mice serum under indicated conditions. ** $P<0.01$ indicated a significant difference with sham group, ## $P<0.01$ indicated a significant difference with the IR group.