

Supplementary materials

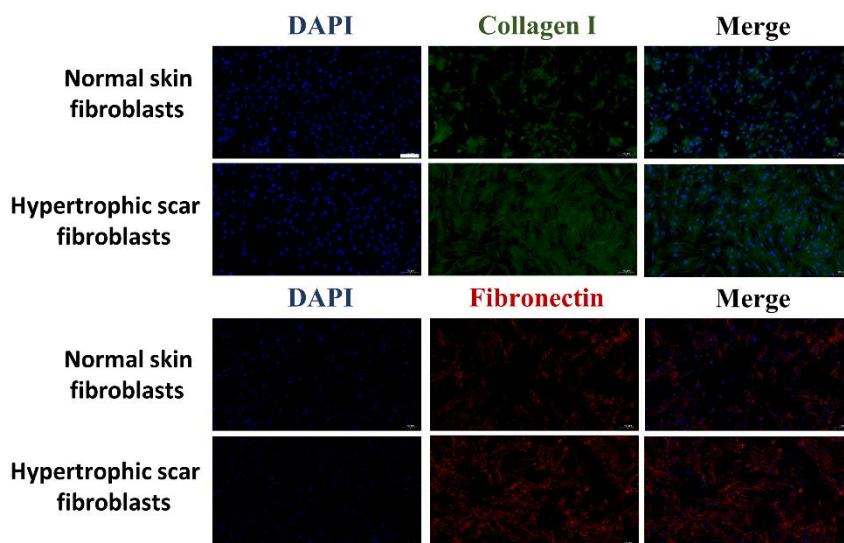


Figure S1. Differences between normal skin fibroblasts and hypertrophic scar fibroblasts. Cells were determined by immunofluorescence using antibodies against collagen I and fibronectin.

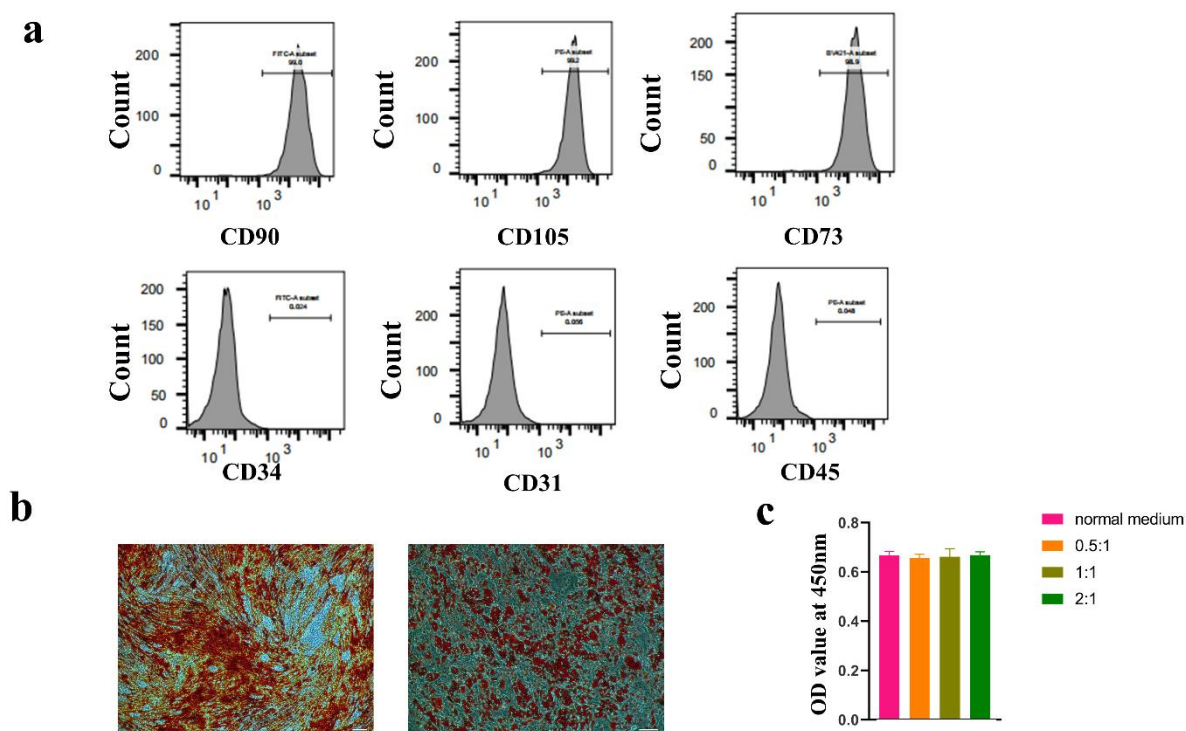


Figure S2. Characterization of AD-MSCs after coculturing with HSFs. **a.** Flow cytometric characterization of AD-MSCs. CD105, CD90 and CD73 were positive, while CD34, CD31 and CD45 were negatively expressed, which was not changed. **b.** The AD-MSCs could differentiate into matured adipocytes and osteocytes after coculturing with HSFs. **c.** CCK-8 assay showed that, after coculturing, the proliferation of AD-MSCs had not changed.

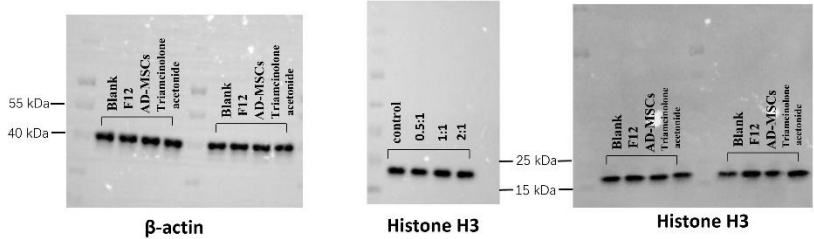
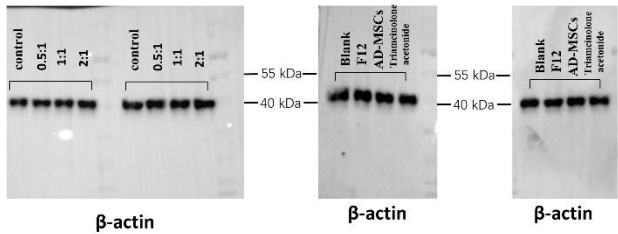
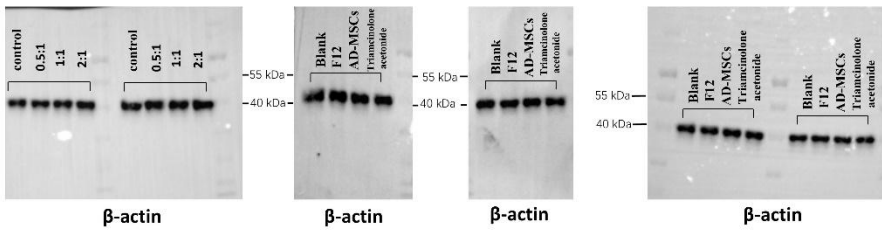
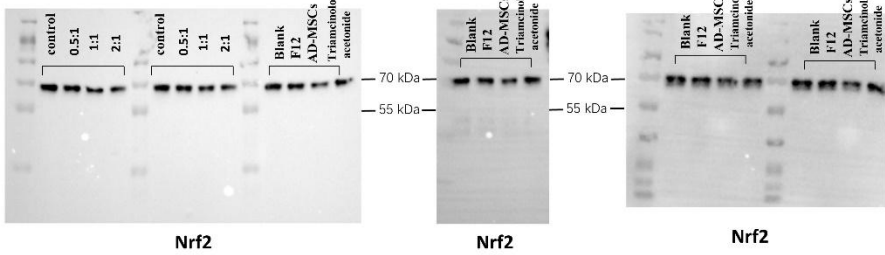
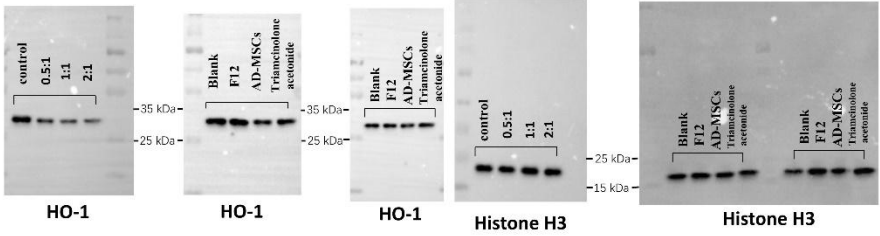
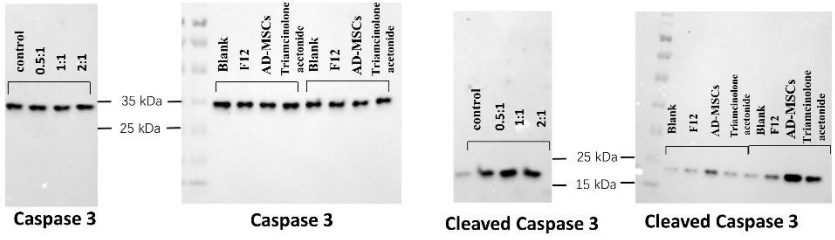
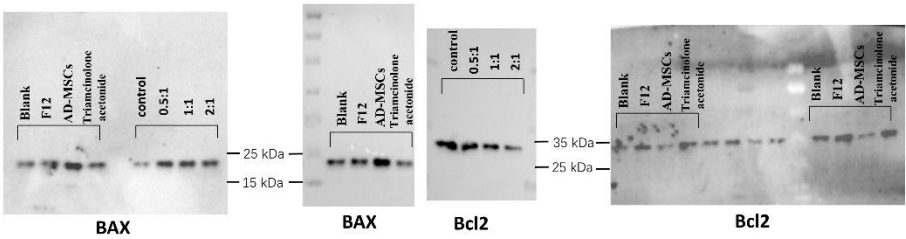


Figure S3. Full bolts of the cropped bands which were shown in the article.