Supplementary Figure 1. A,B) Activation of SMC with mannitol, (33 mM as a control for possible osmotic effects of D-glucose on chemokine expression) does not affect the gene expression of fractalkine and MCP-1. C,D) Effect of glucose on SMC proliferation. The exposure of SMC to HG does not induce SMC proliferation, as detected by PCNA protein expression (C) and CyQUANT proliferation kit (D). E) The expression of phospho JNK. Confluent SMC were incubated with 5mM or 33 mM D-glucose in the presence of reactive oxygen species inhibitors, DPI and PDTC. The western blot result is representative of three independent experiments. F) SMC viability was evaluated with the MTT assay after treatment with 33 mM glucose in presence of 100 µmol/L fenofibrate or clofibrate.