

Supplementary Materials for

Rho and Rho-Kinase Activity in Adipocytes Contributes to a Vicious Cycle in Obesity That May Involve Mechanical Stretch

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Fig. S1. The effects of fasudil on adipocytokine mRNA in mature adipocytes.
Table S1. Primers used in real-time RT-PCR analysis.

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	sense primer	anti-sense primer
MCP-1	TAGGCTGGAGAGCTACAAGAGGAT	AGACCTCTCTCTTGAGCTTGGTGA
TNF α	AGGTTCTCTTCAAGGGACAAG	GCAGAGAGGAGGTTGACTTTC
Adiponectin	GTTCTACTGCAACATTCCGG	TACACCTGGAGCCAGACTTG
DN-RhoA	GGAGCCTGTGGAAAGAAT	TTCTGGGGTCCACTTTTCTG

MCP-1; monocyte chemoattractant protein, TNF α ; tumor necrosis factor-alpha, DN-RhoA; dominant negative Rho A

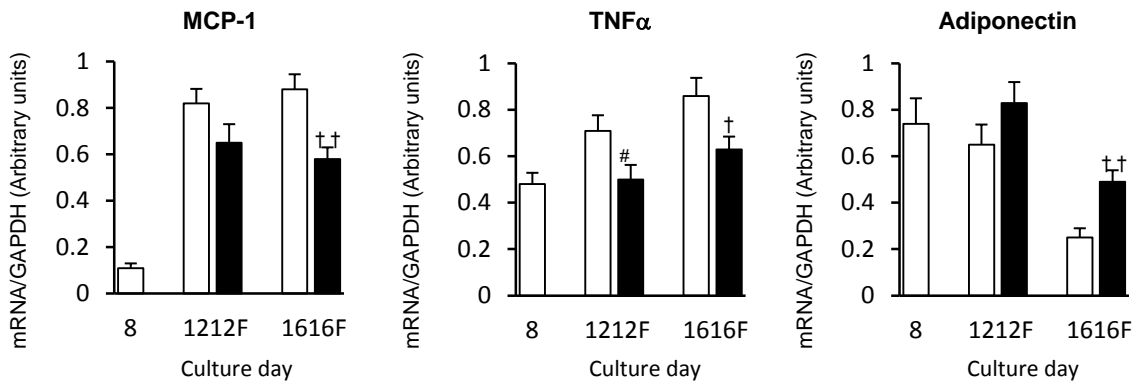


Fig. S1. The effects of fasudil on adipocytokine mRNA in mature adipocytes.

3T3-L1 fibroblasts were differentiated into adipocytes (see Materials and Methods). Abundance of the mRNAs encoding MCP-1, TNF α , and adiponectin in the adipocytes at day 8, day 12, and day 16 was measured by real-time PCR. Administration of the Rho-kinase inhibitor, fasudil was initiated at day 8. F, fasudil treated cells, #; p<0.05 vs. untreated cells at day 12, ††; p<0.01 vs. untreated cells at day 16, †; p<0.05 vs. untreated cells at day 16, n=5