

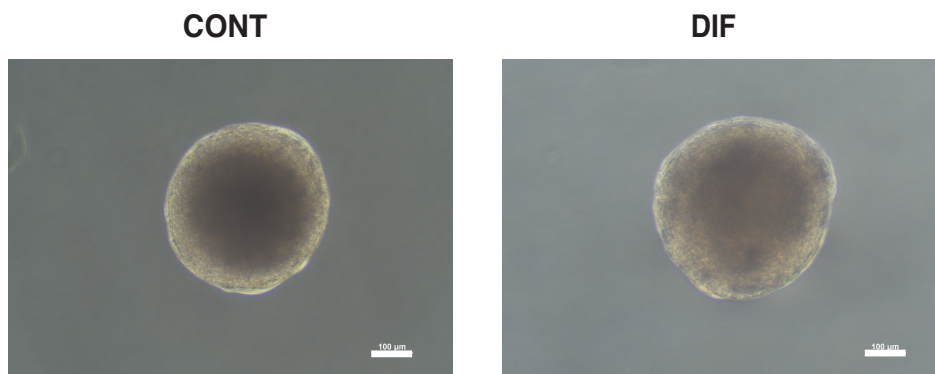
Prostaglandin F₂ α agonist-induced suppression of 3T3-L1 cell adipogenesis affects spatial formation of extra-cellular matrix

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Supplemental Figure 1. Representative images of phase contrast microscopy of 3D organoids of human orbital adipocytes

Human orbital adipocytes collected as surgical waste were subjected to primary culture and then subsequently subjected to the 3D organoid culture protocol as describe in the current 3T3 L1 cell. Here, the culture period was 12 days rather than 7 days. Scale bar: 100 μ m.



Supplementary Table 1

Sequences of primers and Taqman probes used in the Real-time PCR are shown.

Gene	Forward primer (5' to 3')	Reverse primer (5' to 3')	TaqMan probe (5' to 3')
Mouse			
<i>Pparg</i>	CTGCTCCACACTATGAAGACAT	TGCAGTTCTACTTTGATCGC	/FAM/AGCTGACCC/ZEN/AATGGTTGCTGATTACA/IABkFQ/
<i>Leptin</i>	GTGCCTATCCAGAAAGTCCAG	AATGAAGTCCAAGCCAGTGA	/FAM/ACCGACTGC/ZEN/GTGTGTGAAATGTCA/IABkFQ/
<i>AdipoQ</i>	TGTCTGTACGATTGTCAAGTGG	GCAGGATTAAGAGGAACAGGAG	/FAM/ACGACACCA/ZEN/AAAGGGCTCAGGAT/IABkFQ/
<i>C/EBPα</i>	ACAAGAACAGCAACGAGTACC	TCATTGTCACTGGTCAACTCC	/FAM/CGCAAGAGC/ZEN/CGAGATAAAGCCAAAC/IABkFQ/
<i>Ap2</i>	ACTTGTCTCCAGTAAAACTTTG	ATCACATCCCCATTACACT	/FAM/CAGGAAAGT/ZEN/GGCTGGCATGGC/IABkFQ/
<i>PGF2receptor</i>	GCCATAATGTGCGTCTCCT	GATCTGATTCCACGTTGCCA	/FAM/TGGAGTCCC/ZEN/TTTCTGGTAACAATGGC/IABkFQ/
<i>Col1a1</i>	CGCAAAGAGTCTACATGTCTAGG	CATTGTGTATGCAGCTGACTTC	/FAM/CCGGAGGTC/ZEN/CACAAAGCTGAACA/IABkFQ/
<i>Col4a1</i>	TCTGGCTGTGGAAAATGTGA	AATCCAATGACACCTTGCAAC	/FAM/TCTTTCTCC/ZEN/CTTTGTCCCTTCACGC/IABkFQ/
<i>Col6a1</i>	CCAGATGAGTGTGAGATCCTG	AAGTTCTGTAGGCCAATGCTC	/FAM/ACCCATTGA/ZEN/CATCCTCTCGTGCTG/IABkFQ/
<i>Fn1</i>	GAGCTATCCATTCACCTTCAGA	TTGTTCTGTAGACACTGGAGA	/FAM/CAGGAGATT/ZEN/TGTTAGGACCACGGCA/IABkFQ/
<i>36b4</i>	TTATAACCCTGAAGTGCCTGAC	CGCTTGATCCATTGATGATG	/FAM/AGGCCCTGC/ZEN/ACTCTCGCTT/IABkFQ/