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Published article:

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Gene	Protein	Control	IL-1	IL-1/ Control Ratio
THBS1	Thrombospondin-1	1527.4	1223.5	0.80
SPARC	Osteonectin	1101.2	973.4	0.88
CTGF	Connective tissue growth factor (CCN2)	572.4	106.5	0.19 †
THBS2	Thrombospondin-2	87.0	49.7	0.57
TNC	Tenascin-C	12.2	116.4	9.54 †
THBS3	Thrombospondin-3	3.3	2.4	0.73
SPP1	Osteopontin	-	-	-

Table 1. Effect of IL-1 α exposure on mRNA levels of matricellular proteins. CF from 3 different patients were treated with or without 10 ng/ml IL-1 α for 6 h before collecting RNA. Samples from different patients were pooled before measuring mRNA levels of 7 matricellular proteins as part of an RT-PCR array. Data are expressed as percentage of mean housekeeping (HK) gene expression levels, which did not vary markedly between samples (range of IL-1/control ratios for HK genes = 0.86-1.14). SPP1/osteopontin was not detectable (C_T value >36.0, % HK <0.07%). † = marked change in expression (>5-fold increase or decrease). n=3.