

SUPPLEMENTAL DOCUMENT

bFGF and PDGF-BB for tendon repair: Controlled release and biologic activity by tendon fibroblasts in vitro

Stavros Thomopoulos, Rosalina Das, Shelly Sakiyama-Elbert, Matthew J. Silva,
Nichole Charlton, Richard H. Gelberman

Extracellular Matrix – Structural

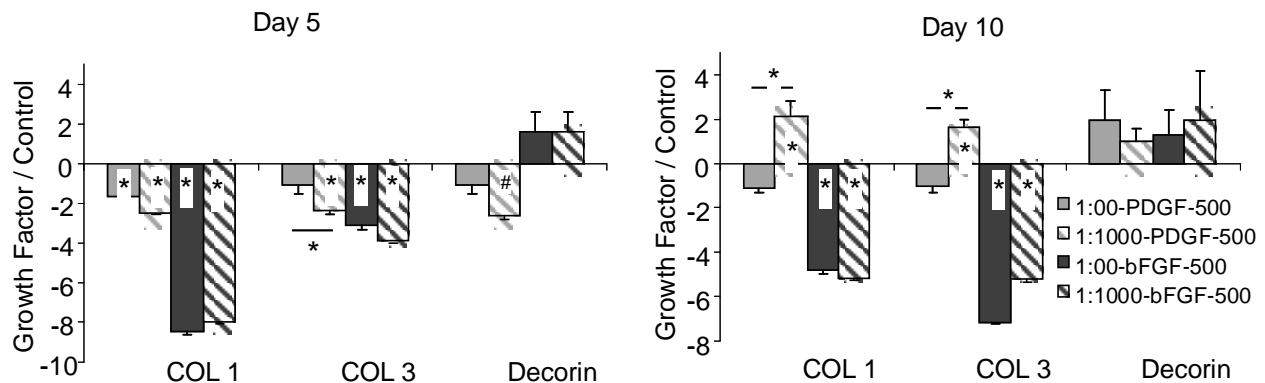


Figure S1: At the 1.25 $\mu\text{g}/\text{mL}$ dose, expression of lubricin and HAS2 were upregulated by bFGF (results are presented as fold changes of growth factor treated relative to control; symbols above the bars indicate comparisons between 1:1000 HBDS and no HBDS, symbols within bars indicate comparisons to control, i.e., a growth factor to control ratio of 1) (paired t-test, * $p < 0.05$, trends are indicated by # $p < 0.1$).

Extracellular Matrix – Lubrication

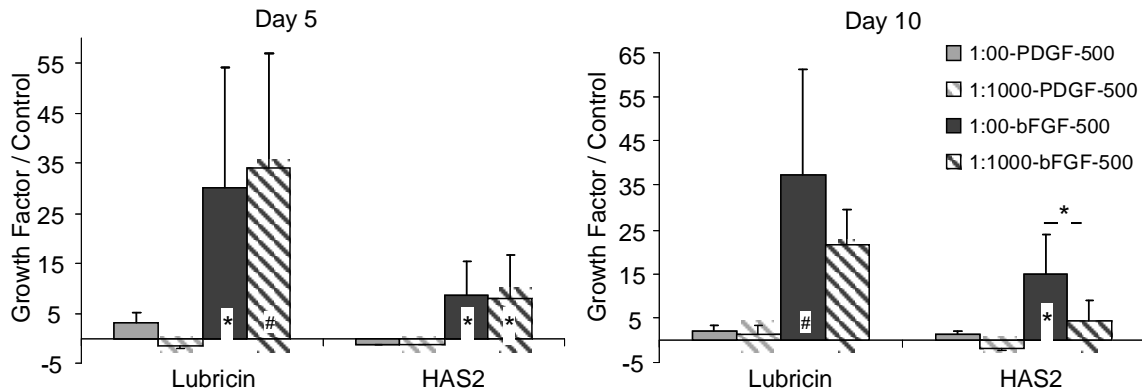


Figure S2: At the 1.25 $\mu\text{g}/\text{mL}$ dose, COL I and COL III were downregulated at both timepoints by bFGF. COL I and COL III were upregulated by PDGF-BB in the 1:1000 HBDS group at 10 days. Decorin expression was not significantly different in any group (results are presented as fold changes of growth factor treated relative to control; symbols above the bars indicate comparisons between 1:1000 HBDS and no HBDS, symbols within bars indicate comparisons to control, i.e., a growth factor to control ratio of 1) (paired t-test, * $p < 0.05$, trends are indicated by # $p < 0.1$).