

Supplementary Information

List of Figures

Figure S1. Effect of endothelial cell-conditioned medium on fibrinogen secretion on day 4 of culture. A) Endothelial cell-conditioned medium induces a dose-dependant increase in hepatocyte fibrinogen secretion. B) Fibrinogen secretion by hepatocytes embedded in collagen gel (3D) compared to hepatocytes seeded on top of a collagen gel (2D) during continuous stimulation with 75% endothelial-cell conditioned medium.

Figure S2. Proline levels in supernatant of hepatocytes in co-culture with endothelial cells as compared to those in monoculture. Cells were exposed continuously to the control medium.

Figure S3. (A) Albumin and (B) fibrinogen secretion profiles of hepatocytes embedded in collagen and exposed to proline (20 $\mu\text{g/ml}$) supplemented control medium.

Figure S4. Albumin secretion on day 4 by hepatocytes embedded in collagen gel. A) Cells were exposed to control medium supplemented with different doses of HGF, IL6, TNF α . The results were normalized with respect to hepatocytes exposed to control medium. B) Cells were exposed to conditioned (75%) or control (0%) medium supplemented with MMP-3 (330 ng/ml). The results are normalized with respect to hepatocytes treated with conditioned medium. (** $P < 0.01$ compared to conditioned medium, ## $P < 0.01$ compared to control medium)

Figure S5. Albumin secretion on day 4 by hepatocytes cultured on top of collagen gel (2D configuration). Hepatocytes were treated with conditioned medium (75%), control medium (0%), proline (20 $\mu\text{g/ml}$) supplemented in control medium or cis-hydroxyproline (HP: 40 $\mu\text{g/ml}$) supplemented in conditioned medium. The results were normalized with respect to hepatocytes exposed to conditioned medium.

Figure S1

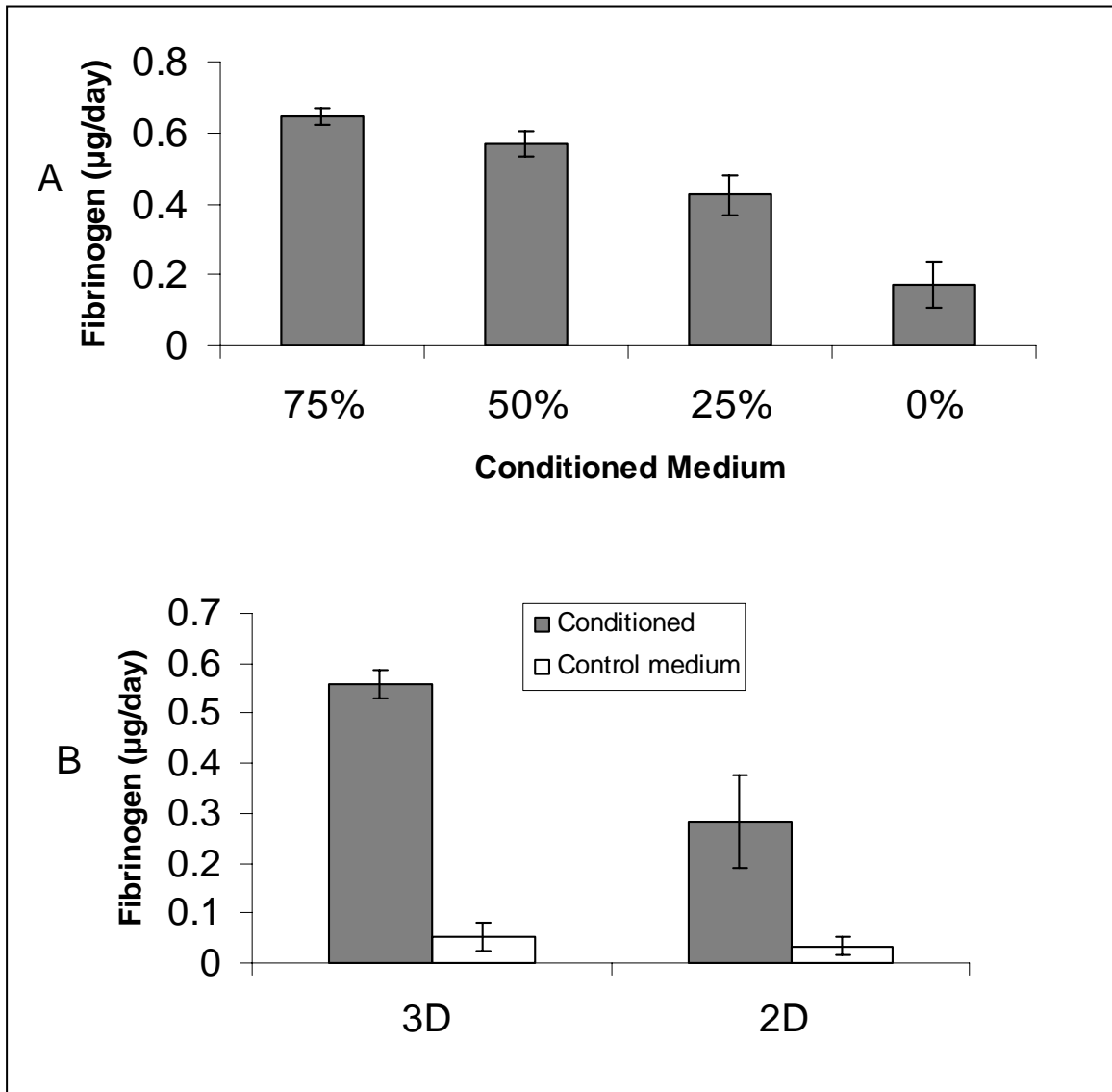


Figure S2

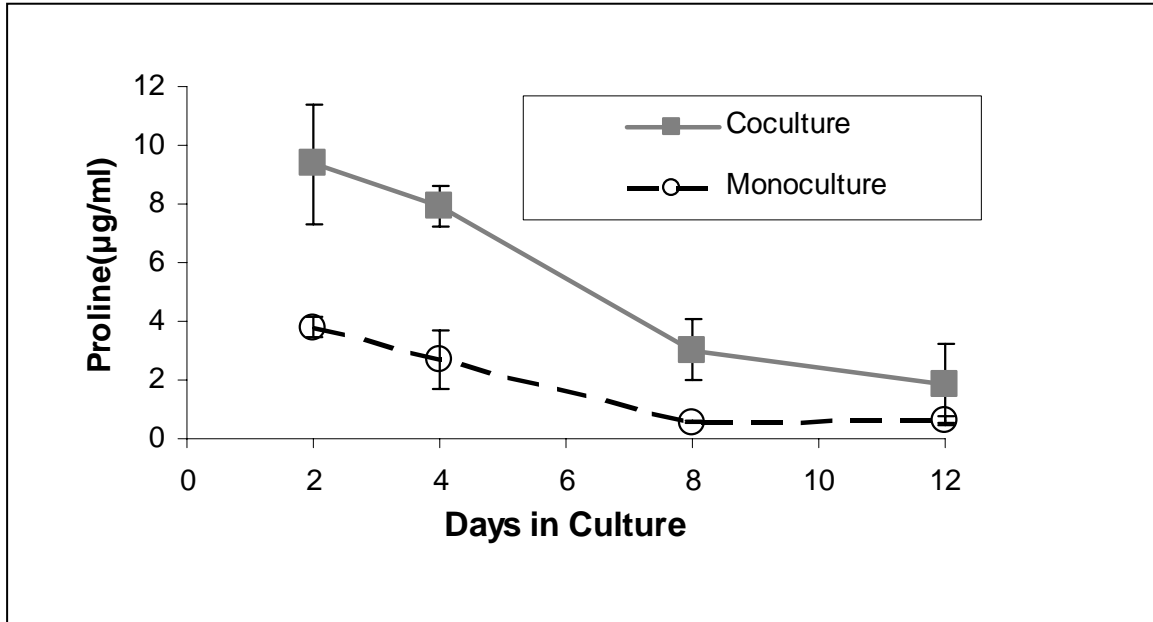


Figure S3

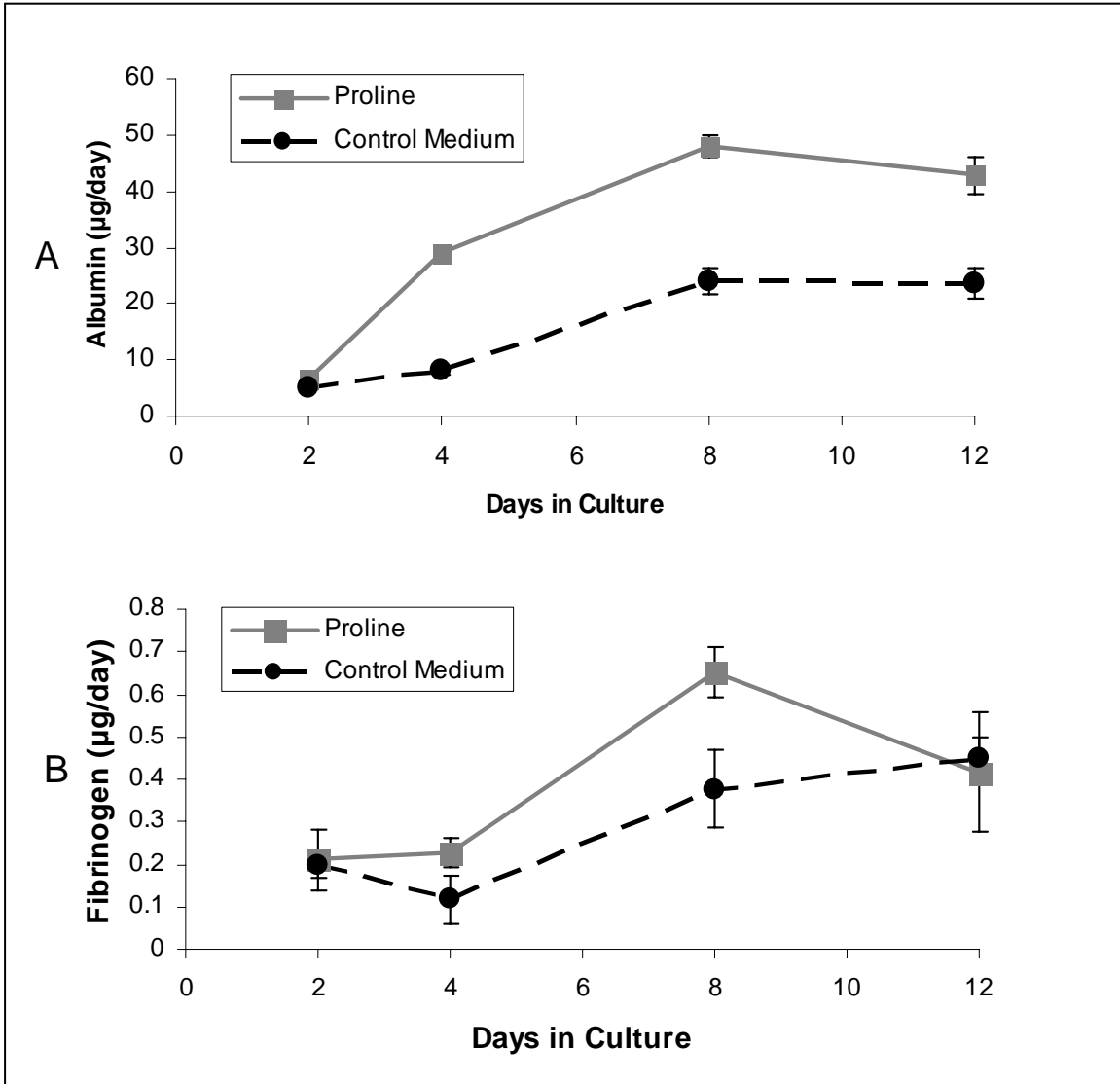


Figure S4

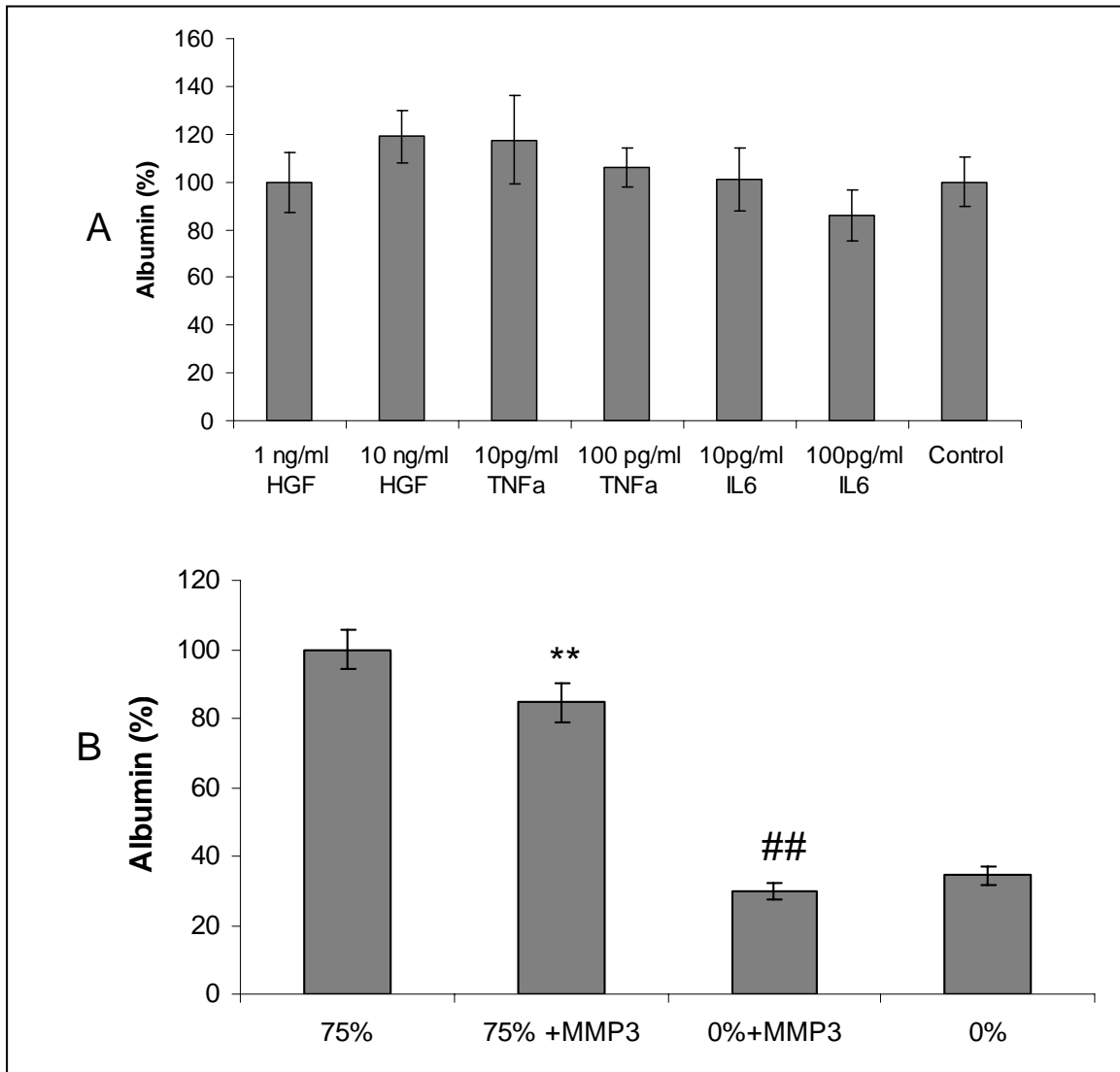


Figure S5

