<Supplementary Fig. 1> Time-dependent expression of tissue mRNA transcript levels of interleukin (IL)-6, IL-8, and monocyte chemotactic protein (MCP)-1 in Graves’ orbitopathy (GO) orbital fibroblasts.

After the treatment of tissue cultures IL-1β (10ng/ml) for 0, 1, 2, 4, 8, 16, and 24 h, total RNA (1 μg) was isolated and reverse transcribed into cDNA, which was amplified for IL-6, IL-8, and MCP-1 mRNA by real-time PCR. Gene transcript levels of IL-6 (A), IL-8 (B), and MCP-1 (C) are as shown as mean ± SD fold depression in cytokine mRNA levels relative to control samples of 1 h IL-1β treatment. Results are expressed as percentage of untreated control values (in contrast to cells not treated with IL-1 β for 1 h, * P<0.05). The assays were performed at least three times in triplicate with cells from three different GO donors. Primary orbital cells at passages 1 to 5 were used.