Figure 2

1. CBX inhibits COX-2, preventing PGE2 production.

2. IL1/TNF induces COX-2 and NFkB, leading to increased expression of MMP-2 & MMP-9, uPA & PAI, and inflammatory mediators.

3. CBX stimulates synoviocyte apoptosis.

Increased expression of inflammatory mediators and apoptosis suggest a role for CBX in the regulation of synoviocyte function in inflammatory arthritis.