Annotated Bibliography- Rheumatoid Arthritis and Apoptotic Cell Death


Study showing the correlation between FLIP expression and resistance to RA SFs to apoptosis, one of the initial pieces of evidence pointing at a role of FLIP in this resistance.


Initial studies performed to characterize the degree and role of apoptosis in the RA synovium


Description of the mechanism of action, roles, and regulation of the expression of FLIP proteins.


Review of signaling pathways leading to activation of NFkB and the results of NFkB activation.


Good description and figure explaining the role of Bcl-2 family members in apoptosis.


Review of signaling pathways that may be involved in rendering different cell types in the RA synovium resistant to apoptosis.


More conclusive evidence directly linking the increased FLIP expression to resistance to apoptosis in RA synovial fibroblasts.


Good review of the role that synovial fibroblasts play in rheumatoid arthritis and pathways that may affect their role in the pathogenesis of the disease.

Review of the receptors, ligands, signaling pathways, and physiological/pathological roles of death receptor apoptosis.


Further evidence supporting the role of FLIP in the resistance of RA synovial fibroblasts resistant to apoptosis.