

RANKL EXPRESSION in RHUMATOID SYNOVIA

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Rheumatoid Arthritis (RA) is characterized by severe and irreversible bone destruction in affected joints. Bone absorption by osteoclasts may be a natural physiological phenomenon as bone remodeling in mature manhood. In RA, or another bone destructive disease, activated osteoclasts certainly have a critical role in bone destruction and there are some molecules that regulate the osteoclast proliferation and maturation. Receptor Activator of Nuclear Factor Kappa B Ligand (RANKL) is one of these molecules. In this study, we show that the molecule is abundantly expressed in many mono-nuclear cells and fibroblast-like cells in rheumatoid synovia.