

A large number of cytokines are expressed in the feet and hands joints of patients with Rheumatoid arthritis. It is necessary to study the new cytokines which may help in prognosis and diagnosis of this autoimmune disease. Omentin1 and Interleukin 20 are the new cytokines and their expressions may have a role in the expression of proinflammatory cytokines; IL-1, IL-6 and TNF, in different cell tissues such as synovial fibroblasts, chondrocytes, peripheral blood mononuclear cells and, sera. It is conceivable that these biomarkers may be used in biological therapies.