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RESEARCH:

Key Words: Inflammation, Systemic autoimmunity

The Inflammatory reactions underpin the immunopathology of the broad range of immune - mediated disorders.

Our laboratory is interested in unravelling the heterogeneous genetic and immunopathologic features of inflammatory and systemic autoimmune disorders. in particular we focus on rheumatoid arthritis as a prototype of auto-inflammatory disease entity, We are currently investigating the proliferative and invasive characteristics of fibroblast-like synoviocytes (FLS), in RA patients in a joint venture (JV) with the Rheumatology research centre of Tehran university of Medical sciences, and Mazandaran university of Medical Sciences.

Our Recent publication:

1 -The Association between the Plasma Sugar and Lipid Profile with the Gene Expression of the Regulatory Protein of mTOR (Raptor) in Patients with Rheumatoid Arthritis.<https://doi.org/10.1080/08820139.2020.1781160>

2- The plasma Tumor Necrosis Factor- α (TNF- α) does not have any correlation with disease activity in rheumatoid arthritis patients treated with disease modifying anti-rheumatic drugs (DMARDs)https://www.scielo.br/scielo.php?pid=S1984-82502020000100601&script=sci_arttext

3-Plasma Leptin Does Not Reflect the Effect of High Body Mass Index on Disease Activity in Rheumatoid Arthritis <https://doi.org/10.1080/08820139.2019.1631844>

4-The impaired gene expression of adenosine monophosphate-activated kinase (AMPK), a key metabolic enzyme in leukocytes of newly diagnosed rheumatoid arthritis patients
[10.1007/s10333-019-05078-x](https://doi.org/10.1007/s10333-019-05078-x)

