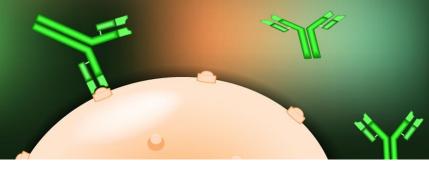
Research at Tel Aviv Sourasky Medical Center

Clinical Immunology & Immunotherapy



NAME OF LABORATORY: The Laboratory for Arthritis Research

PI: Dr. Uri Arad MD, PhD

Director of Department: Prof. Ori Elkayam MD

Research Objectives: Our research focuses on the pathogenic mechanisms of rheumatologic diseases, both inflammatory/autoimmune diseases and also degenerative joint disease – osteoarthritis.

Main Research topics:

- The role of heparanase in the metabolism of human articular cartilage.
- Inhibition of eNPP1 for the treatment of CPPD.
- Predicting response to biological treatment in RA by analysis of peripheral blood cytokine gene expression.
- The role of TNF α -TNF inhibitor complexes in initiating anti-drug antibody responses.
- Immune responses to vaccination in rheumatologic patients

Staff:

Dr. Uri Arad – laboratory head. Dr. Gilad Gibor – full time senior researcher. Ms. Shani Journo – full time laboratory assistant and researcher.

Active Grants:

Israel Ministry of Trade and Industry - KAMIN

Collaborations:

- Prof. Israel Vlodavsky Technion
- Prof. Bilha Fischer Bar Ilan University
- Geneferone
- Dr. Mario Lebendiker Hebrew University.

Contact us: Dr. Uri Arad: uria@tlvmc.gov.il