

Special Issue

Recent Advances in Autoimmune Rheumatic Diseases

Message from the Guest Editors

Autoimmune rheumatic diseases are a group of diseases that share similar clinical, laboratory and immunological expression. The pathogenesis of autoimmune rheumatic diseases is not completely understood, but according to recent research studies, it is accepted that the pathogenesis of autoimmune rheumatic diseases is multifactorial. Genetic features, including certain HLA phenotypes and polymorphisms in genes that encode cytokines or factors implicated in cytokine signaling, environmental (such as infections, chemical and physical agents and lifestyle), hormonal factors, as well as stressful life events are thought to participate in autoimmune rheumatic diseases' pathogenesis. Therefore, it is expected that people who are genetically predisposed to autoimmune rheumatic diseases can harbor gut microbiota that are capable of influencing the onset and severity of their disease. Evidence-based studies support the concept that microbiota can influence autoimmunity by molecular mimicry, epitope spreading, or bystander activation.

This Special issue is dedicated to the latest advances in autoimmune rheumatic diseases.

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Deadline for manuscript submissions

closed (31 December 2023)



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



mdpi.com/si/167482

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