

Special Issue

Molecular Mechanisms of Rheumatoid Arthritis

Message from the Guest Editors

Rheumatoid arthritis is the most common inflammatory arthritis. The disease is characterized by autoantibody production, synovial inflammation and systemic inflammation responsible to extra-articular manifestations. Despite the great advances in the knowledge of the pathogenesis of rheumatoid arthritis, many aspects remain to be clarified. Our issue will focus on the wide spectrum of molecular mechanisms involved in the pathogenesis and clinical expression of rheumatoid arthritis as well as their possible contribution to treatment response and precision medicine. We invite authors to contribute to this Special Issue with original research and review articles focusing on, but not limited to, epigenetic mechanisms, host–pathogen interactions, cell death mechanisms, post-translational modifications, innate and adaptive immunity and non-immune cells—synovial fibroblasts, osteoclasts, endothelial cells—and mechanisms of resolution of inflammation. We will consider papers addressing these mechanisms from a pathogenic point of view, severity of the disease and therapeutic response suggesting stratified treatment options and predictive biomarkers.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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