

Special Issue

Rheumatoid Arthritis: Pathogenesis and Treatments

Message from the Guest Editor

Immune tolerance disorder causes the autoimmune disease RA. The exact pathogenesis of RA is not yet fully understood, but it is already known that the dominant factor is inappropriate activation of the immune system. A series of events ensues involving numerous cells of the immune system and cytokines that activate fibroblasts, chondrocytes and osteoclasts and influence the production of matrix metalloproteinases and other molecules causing tissue destruction. Despite the changing knowledge and the creation of new molecules of biological and synthetic targeted drugs, there are many pathomechanisms that remain to be investigated in immunology. This Special Issue is dedicated to all aspects of rheumatoid arthritis, modern therapies used in rheumatology and future possible drug combinations. When considering your submission, please keep in mind that *IJMS* is a journal of molecular science. However, submissions of clinical studies that include biomolecular experiments or pathological research with case sample data are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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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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