



## Rheumatoid Arthritis: Pathogenesis and Treatments

Guest Editor:

**Dr. Katarzyna Romanowska-Próchnicka**

Department of Biophysics,  
Physiology and Pathophysiology,  
Faculty of Health Sciences,  
Warsaw Medical University, 02-  
097 Warsaw, Poland

Deadline for manuscript  
submissions:

**30 September 2024**

### 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.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI