



Rheumatoid Arthritis: Pathogenesis and Treatments

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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.





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Message from the Editor-in-Chief

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