



an Open Access Journal by MDPI

## Pathogenesis and Novel Diagnostics in Juvenile Idiopathic Arthritis and Other Rheumatic Diseases

Guest Editors:

**Prof. Dr. Katarzyna Winsz-Szczotka**

Department of Clinical Chemistry and Laboratory Diagnostics, Faculty of Pharmaceutical Sciences in Sosnowiec, Medical University of Silesia, Sosnowiec, Poland

**Dr. Kornelia Kuźnik-Trocha**

Department of Clinical Chemistry and Laboratory Diagnostics, Faculty of Pharmaceutical Sciences in Sosnowiec, Medical University of Silesia, Katowice, Poland

Deadline for manuscript submissions:  
**closed (29 February 2024)**

### Message from the Guest Editors

Paediatric rheumatic diseases refer to a heterogeneous collection of autoimmune or autoinflammatory forms of musculoskeletal, arthritic, and connective tissue disorders that can develop in childhood. The most common types of these diseases are juvenile idiopathic arthritis and other rheumatic diseases (such as dermatomyositis or systemic lupus erythematosus). These diseases can affect children of any age and any ethnic background, and being diagnosed too late or poorly treated may contribute to the disability of an afflicted child, due to disturbances in the structure and function of the osteoarticular and muscle system.

It is therefore crucial that we continue to research the pathogenesis of paediatric rheumatic diseases, seeking new biomarkers of the diseases and effective therapeutic methods. We invite researchers to submit original works or review articles covering significant development in the pathogenesis of juvenile idiopathic arthritis and other rheumatic diseases, as well as novel diagnostic and therapeutic methods.



[mdpi.com/si/170467](https://mdpi.com/si/170467)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Felipe Fregni

1. Neuromodulation Center and  
Center for Clinical Research  
Learning, Spaulding  
Rehabilitation Hospital and  
Massachusetts General Hospital,  
Harvard Medical School, Boston,  
MA 02114, USA  
2. Department of Epidemiology,  
Harvard T.H. Chan School of  
Public Health, Boston, MA 02115,  
USA

## Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

## 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*, *CAPLus / SciFinder*, and other databases.

**Journal Rank:** JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

## Contact Us

*Biomedicines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biomedicines](https://mdpi.com/journal/biomedicines)  
[biomedicines@mdpi.com](mailto:biomedicines@mdpi.com)  
[X@Biomed\\_MDPI](https://twitter.com/Biomed_MDPI)