

## Special Issue

# Psoriasis and Associated Complications: Pathogenic Mechanisms, Gene Biomarkers and Treatments

### Message from the Guest Editor

Psoriasis is regarded as both an autoimmune and autoinflammatory disease with genetic abnormalities modulated by environmental factors. Studies have revealed that psoriasis is associated with numerous comorbidities, including psoriatic arthritis, diabetes, hypertension, lipid disorders, obesity, cardiovascular diseases (CVDs), Crohn's disease, non-alcoholic fatty liver disease, T-cell lymphoma, and depression. Recent studies emphasize the influence of epigenetic factors on psoriasis. Understanding the signaling pathways in psoriasis has contributed to significant progress in its treatment. In the era of personalized medicine, it is important to understand the immunological, genetic and epigenetic biomarkers that affect the course of the disease, the risk of systemic disorders and allow for a better selection of effective therapy.

### Guest Editor

Dr. Anna Michalak-Stoma

Department of Dermatology, Venereology and Pediatric Dermatology,  
Medical University of Lublin, Lublin, Poland

### Deadline for manuscript submissions

31 May 2025



## International Journal of Molecular Sciences

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



[mdpi.com/si/226326](https://mdpi.com/si/226326)

*International Journal of  
Molecular Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[ijms](https://ijms.mdpi.com)





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



[mdpi.com/journal/](https://mdpi.com/journal/ijms)

[ijms](https://ijms)



## About the Journal

### 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.

---

### 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

---

### 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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)