

Special Issue

Interconnecting Cytokine-Associated Molecular Pathways and Pathogenesis of Inflammatory Skin Diseases

Message from the Guest Editors

Cytokines are key modulators of inflammation, participating in acute and chronic inflammation via a complex network of molecular interactions. Several diseases, including immune-mediated and inflammatory disorders involving the cutaneous district, depend on alterations of intracellular pathways relevant to cytokine signaling or cytokine production. In the past, the comprehension of how these pathways are regulated has permitted a more accurate identification of the pathogenic processes associated with skin diseases, as well as advances in pharmaceutical drug development targeting cytokines and related molecular pathways.

In the present Special Issue, we invite contributions addressing pathophysiological molecular mechanisms influenced by cytokines and involved in immune-mediated skin diseases with related co-morbidities. Studies may also address pathways targeted by current drugs that can block pathogenic cytokines, receptors, or their intracellular effectors in diseased skin.

Original research articles and reviews are equally welcome, and may involve studies in human skin diseases, as well as in vitro and in vivo studies in different skin cells and disease models.

Guest Editors

Prof. Dr. Cristina Albanesi

Laboratory of Experimental Immunology, Fondazione Luigi Maria Monti
—Istituto Dermatologico dell'Immacolata (IDI)-IRCCS, Via Monti di Creta,
104, 00167 Rome, Italy

Dr. Stefania Madonna

Laboratory of Experimental Immunology, Fondazione Luigi Maria Monti
—Istituto Dermatologico dell'Immacolata (IDI)-IRCCS, Via Monti di Creta,
104, 00167 Rome, Italy

Deadline for manuscript submissions

closed (31 July 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/84760

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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