



Regulation of Inflammatory Reactions in Health and Disease

Guest Editor:

Dr. Shani Shenhar-Tsarfaty

Departments of Internal Medicine
"C", "D" & "E", Tel-Aviv Sourasky
Medical Center, Sackler Faculty
of Medicine, Tel-Aviv University,
Tel Aviv 6997801, Israel

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

With the COVID-19 pandemic still unraveling and affecting millions of individuals worldwide, the importance of understanding uncontrolled inflammatory reactions has become an urgent need.

Regardless of the cause, inflammation has evolved as an adaptive response for restoring homeostasis. However, inflammatory response is a double-edged sword, as excessive inflammation can itself exacerbate tissue damage. To limit the unfavorable consequences, many stimuli that trigger inflammatory response simultaneously trigger a program that actively resolves inflammation. Nonresolving inflammation is associated with adverse outcomes and in chronic conditions is regarded as a major driver of disease. Multiple mechanisms normally ensure resolution, involving genetic, transcriptional, post-transcriptional, and behavioral pathways.

In this context, we would like to invite review and original articles that focus on understanding all aspects of inflammatory processes in health and disease.





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