

Special Issue

Regulation of Inflammatory Reactions in Health and Disease

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.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/48527

*International Journal of
Molecular Sciences*
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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.

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