



The Role and Modulation of Inflammation in Diseases

Guest Editor:

Dr. Ľuba Hunáková

Faculty of Medicine, Comenius
University in Bratislava, Institute
of Immunology, Odborárske nám
14, 813 72 Bratislava, Slovakia

Deadline for manuscript
submissions:

closed (31 August 2022)

Message from the Guest Editor

Dear Colleagues,

Inflammation is a common mechanism underlying many diseases, including cardiovascular, autoimmune, pulmonary, neurodegenerative diseases and cancer. However, the regulatory mechanisms of inflammation are not completely understood. Various immune cells, cytokines, chemokines and other mediators, including non-immune mechanisms, play a great role in the development of inflammation.

In this Special Issue, the focus will be on the genetic, cellular, and molecular markers and regulatory mechanisms, such as neural, immune, endocrine and others, that contribute to the modulation of inflammation in various diseases. Identification of such markers and mechanisms can lead to the development of personalized diagnostic, prevention and treatment strategies.

Dr. Ľuba Hunáková

Guest Editor





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