



## Inflammation in Health and Disease: New Insights and Therapeutic Avenues

Guest Editors:

**Dr. Javier Conde Aranda**

Health Research Institute of  
Santiago de Compostela,  
Molecular and Cellular  
Gastroenterology, Santiago de  
Compostela, Spain

**Dr. Morena Scotece**

Molecular Mechanisms of Cancer  
Program, Centro de Investigación  
del Cáncer, Instituto de Biología  
Molecular y Celular del Cáncer,  
Consejo Superior de  
Investigaciones Científicas and  
University of Salamanca, 37007  
Salamanca, Spain

Deadline for manuscript  
submissions:

**closed (31 March 2021)**

### Message from the Guest Editors

The inflammatory response is a highly evolved and complex process. Under normal conditions, the inflammatory response is a self-limiting process that ends with the resolution of the inflammation and the restoration of tissue homeostasis. However, alterations in the mechanisms that regulate the promotion or the resolution of the inflammatory response cause the development of chronic inflammatory diseases. Moreover, it is well-described that inflammation is involved in the onset and progression of many other disorders not typically classified as autoimmune diseases. For that reason, the study and the understanding of the specific mechanisms that lead to aberrant inflammatory responses is crucial for the development of novel therapies for many different pathologies.

This Special Issue seeks basic and translational original and review articles focused on inflammation in health and disease. Potential topics include, but are not limited to, acute inflammation, chronic inflammation, resolution of inflammation, immunotherapy, and immune system regulation or infection.





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

## Contact Us

---

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI