



## Progression of Allergy and Immune Response

Guest Editors:

**Dr. Francis Palomares-Jerez**

Department of Medical  
Biochemistry and Molecular  
Biology, and Immunology,  
School of Medicine, University of  
Seville, Av. Sanchez Pizjuan s/n,  
41009 Seville, Spain

**Prof. Dr. Soledad Lopez-  
Enriquez**

Department of Medical  
Biochemistry, Molecular Biology,  
Immunology School of Medicine,  
Universidad de Sevilla, Av.  
Sanchez Pizjuan s/n, 41009  
Seville, Spain

Deadline for manuscript  
submissions:

**closed (10 July 2024)**

### Message from the Guest Editors

Dear Colleagues,

Allergies are a common, chronic condition in which the immune system reacts abnormally to substances, such as pollen, dust mites, pet dander, food, insect venom, and medications, that are normally harmless for everyone else. These can trigger allergic reactions in susceptible individuals. In fact, these reactions are increasing worldwide. The main objective of this Special Issue is covering the information about the tools that are available for the diagnosis and treatment of allergies. This Issue will include manuscripts that focus on the identifications of biomarkers that can be used as valuable parameters of diagnosis and treatment efficacy monitoring and the identification of therapeutic targets and new therapeutic approaches for allergies. The presented materials are the result of the international scientific cooperation of experts specializing in these issues. The content may be useful for clinical results to help in the diagnosis and treatment of allergies.





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