



an Open Access Journal by MDPI

Immunity and Inflammation in Health and Disease: Insights into Sex-Based Mechanisms and Their Modifiers

Guest Editors:

Dr. Rita Del Pinto

Internal Medicine and
Nephrology Unit, Department of
Life, Health & Environmental
Sciences, University of L'Aquila,
67100 L'Aquila, Italy

**Prof. Dr. Theresa Torres
Pizarro**

Department of Pathology, Case
Western Reserve University
School of Medicine, Cleveland,
OH 44106, USA

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

This Special Issue is dedicated to the understanding of sex-based molecular events in acute and chronic inflammation and immune-driven diseases, welcoming studies that help clarify the role of biological sex in identifying the high-risk phenotype, the potential influence of gender-based factors on the disease course, and the possible targets for more effective prevention and treatment of immune system-related diseases.

Keywords

- biological sex
- sex hormones
- genetics
- environment
- gender
- microbiome
- innate immunity
- adaptive immunity
- inflammatory diseases
- immune-mediated diseases



mdpi.com/si/111960

Special Issue



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