



## Cardiovascular Endocrinology Research

Guest Editor:

**Dr. José Ricardo Romero**

Division of Endocrinology,  
Diabetes and Hypertension,  
Department of Medicine,  
Brigham and Women's Hospital,  
Harvard Medical School, 75  
Francis Street, Boston, MA 02115,  
USA

Deadline for manuscript  
submissions:

**closed (31 October 2023)**

### Message from the Guest Editor

Significant advances in our molecular understanding of cardiovascular diseases have occurred in the past several decades. However, cardiovascular diseases remain a leading cause of death in women and men worldwide. The incidence of cardiovascular diseases is commonly reported to be greater in men than women. However, women have higher morbidity and mortality than men following cardiovascular events such as stroke and heart attacks through signaling mechanisms that remain unresolved. Growing evidence shows that hormonal dysregulation, renal dysfunction, metabolic disturbances, and biological sex contribute to cardiovascular diseases through signaling pathways that remain unclear. In this Special Issue titled Cardiovascular Endocrinology Research 2022, we will collect a series of studies that will provide novel insight while improving our understanding of novel molecular and therapeutic targets and signaling molecules mediating cardiovascular diseases and hormonal interactions in women and men.

Keywords: sex hormones; inflammatory molecules; renin; angiotensin; aldosterone; estradiol; testosterone; cortisol; endocrinology; vascular disease; hypertension; blood pressure; diabetes





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