



## Advances in the Domain of Heart Failure

Guest Editor:

**Prof. Dr. Joachim Neumann**

Director of the Institute of  
Pharmacology and Toxicology,  
Faculty of Medicine, Martin-  
Luther-University Halle-  
Wittenberg, 06120 Halle (Saale),  
Germany

Deadline for manuscript  
submissions:

**closed (30 September 2021)**

### Message from the Guest Editor

The special issue will deal with original experimental studies on current or new or controversial issues in cardiac function. More specifically, manuscripts are solicited regarding molecular mechanisms (especially due to gene alterations) of systolic or diastolic heart failure or cardiac hypertrophy. The pharmacology of newer drugs or new aspects in the signal transduction of known drugs is of interest. Moreover, manuscripts describing new untoward i.e. toxic effects of drugs used in clinical practice would fall into the scope of this special edition. Furthermore, putative mechanism(s) of arrhythmias are of interest as far as these arrhythmias are secondary to heart failure and not primary arrhythmias. Another topic that may be addressed is the mechanism(s) of heart failure in ageing in humans or relevant ageing animal models. Experimental studies and up to date reviews of underlying mechanism of heart failure are deemed relevant. Finally, an overview and a critical perspective on drugs tested and being tested currently for heart failure will be awaited with interest.





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