

Special Issue

Molecular Mechanisms, Pharmacology, Toxicology Involved in Cardiac Function and Dysfunction

Message from the Guest Editor

This Special Issue will deal with original experimental studies on current or new or controversial issues in cardiac functions. 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 and new aspects in the signal transduction of known drugs are of interest. Moreover, manuscripts describing new untoward, i.e., toxic effects, of drugs used in clinical practice would fall also into the scope of this Special Issue. Furthermore, the 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 aging in humans or relevant aging animal models. Experimental studies and up to date reviews of the underlying mechanisms of heart failure are deemed relevant. Finally, an overview and a critical perspective on drugs tested and being tested currently for heart failure would also be of great interest.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2020)



International Journal of Molecular Sciences

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/25552

*International Journal of
Molecular Sciences*
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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.

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