



## Cell Therapy for the Treatment of Heart Failure

Guest Editor:

**Prof. Dr. Roberto Bolli**

Department of Medicine,  
University of Louisville, Louisville,  
KY, USA

Deadline for manuscript  
submissions:

**closed (31 May 2022)**

### Message from the Guest Editor

As embryonic stem cells are unlikely to become a treatment for heart failure, this Special Issue will focus on adult stem/progenitor cells and inducible pluripotent stem cells. At the clinical level, new clinical data, new delivery techniques, new cell types, new protocols, and new indications would be of particular interest. At the basic level, the major unanswered question is the mechanism by which cell therapy improves cardiac function; new data illuminating this issue would be important, particularly with regard to the role of inflammation, fibrosis, and extracellular vesicles. Strategies to induce cellular reprogramming and to promote myocyte proliferation would also be of interest. By addressing both preclinical and clinical aspects, it is hoped that this Special Issue will contribute to advancing the promising development of cell therapy for heart failure.





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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

---

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI