

Special Issue

Cellular and Molecular Biology of Cardiac Hypertrophy and Heart Failure: Pathogenesis, Diagnostics and Treatment—2nd Edition

Message from the Guest Editor

This Special Issue will comprise a continuation of our previous Special Issue, titled “Cellular and Molecular Biology of Cardiac Hypertrophy and Heart Failure: Pathogenesis, Diagnostics and Treatment” (https://www.mdpi.com/journal/ijms/special_issues/HJJZ6ZV053). I am pleased to announce that the *International Journal of Molecular Sciences* is devoting a second Special Issue to this subject, entitled “Cellular and Molecular Biology of Cardiac Hypertrophy and Heart Failure: Pathogenesis, Diagnostics and Treatment—2nd Edition”. Manuscripts should be submitted in the form of research papers or review articles related to either basic or clinical research. Topics of interest for this Special Issue include, but are not restricted to, the following:

- Cell signalling processes;
- Energy metabolism;
- Autophagy and mitophagy;
- Apoptosis;
- Ion (dys)regulation;
- Mechanisms behind increased dysrhythmogenesis;
- Adipokines;
- Hormonal and humoral factors;
- Novel therapeutic approaches;
- Natural plant-based therapeutics;
- The gut microbiome.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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