

Special Issue

Mitochondrial and Energy Metabolic Function in Heart and Skeletal Muscle

Message from the Guest Editor

Mitochondria are often called the "powerhouses" of the cell because they play a critical role in producing the energy needed for cellular processes. This is particularly important in tissues with high energy demands, such as the heart and skeletal muscle.

In both the heart and skeletal muscle, mitochondrial dysfunction can lead to impaired metabolism and energy production, contributing to the development of numerous pathologies, including heart failure and muscle dysfunction. Therefore, maintaining healthy mitochondrial function is crucial for the proper function of these tissues.

Papers related to any aspect of mitochondrial and energy metabolism in the heart and skeletal muscle and clinical reports will be considered for this Special Issue.

Guest Editor

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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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