

Special Issue

Lipid Metabolism in Heart

Message from the Guest Editor

Recently, a concept has emerged that abnormal lipid metabolism can induce heart function, such as ischemia, sepsis, and heart failure. Cardiac uptake and oxidation of FAs are not balanced under pathological conditions, and accumulated lipids can lead to cardiac lipotoxicity. To understand lipid metabolism in the heart, it is requested that there are metabolism pathways for lipids usage in the heart and related genes. This Special Issue will present reviews and original research articles addressing the patho-physiological pathways connecting lipids metabolism and cardiac dysfunction and cellular molecular signaling, including mitochondria metabolism. New concepts and the introduction of brand new experiments will be appreciated to understand cardiac lipotoxicity. In addition, targeting candidates for the treatment or prevention of failing heart due to lipids abnormality or cardiac lipotoxicity could be a part of this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (30 July 2024)



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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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