

Special Issue

Mitochondria: Aging, Metabolic Syndrome and Cardiovascular Diseases

Message from the Guest Editor

The three major biomedical problems, aging, metabolic syndrome, and cardiovascular diseases, have a long history of research. The scientists working on these problems that are vital for human health after the years of studies have concluded that dysfunctions of mitochondria and associated metabolic aberrations lie at the center of these biomedical problems. Additionally, the medical problems of old age, metabolic syndrome, and cardiovascular dysfunctions usually appear at the transition from the reproductive to the postreproductive stage of the human postembryonic ontogenesis. We invite specialists working in these fields to share their observations and new ideas regarding the involvement of mitochondrial dysfunctions in the mechanisms of aging, the development of metabolic syndrome, and cardiovascular pathologies. We hope that combining current views and facts from different perspectives will promote our understanding of the main common mechanisms underlying these medical problems.

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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