

Special Issue

Energy Transfer and Mitochondrial Biology

Message from the Guest Editor

Despite more than 100 years of mitochondrial research, it can appear surprising that our understanding of chemical energy transfer in health and disease is incomplete. The described differences in function of mitochondria and energy transfer pathways between the energy production and energy consumption sites are directly related to distinct structural organization of these cells. The Special Issue entitled “Energy Transfer and Mitochondrial Biology” aims to stimulate comprehensive research for a better understanding of mitochondrial energy production and transfer. The results will give the basis for understanding of many cellular pathologies of heart like ischemia, heart failure, myocardial infarction, mechanisms of ischemia-reperfusion injury, cancer and neurodegenerative diseases.

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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