

## Special Issue

# Targeted Protection of Bioactive Compounds to Mitochondria

### Message from the Guest Editors

Different bioactive compounds have been shown to improve mitochondrial function and dynamic behaviour, counteracting cellular damage, tissue dysfunction and metabolic diseases. The submission of original research articles or reviews related to the targeted protection of bioactive compounds to mitochondria is encouraged. It is particularly encouraged the submission of manuscript focused on clarify at the cellular and molecular level, the role of bioactive compounds in regulating interaction between mitochondria and the others intracellular components, such as endoplasmic reticulum and nucleus, as well as their impact into the interplay between mitochondrial bioenergetics, reactive oxygen species production and inflammatory pathways in the frame of the new concept of metaflammasome. Understanding how bioactive compounds may improve mitochondrial bioenergetics and metabolic adaptation at the cellular and molecular level, has the potential to generate new knowledge that will lead to improved treatment or protection towards many of the metabolic diseases that characterize modern societies.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2019)



## International Journal of Molecular Sciences

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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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### Editor-in-Chief

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