



Targeted Protection of Bioactive Compounds to Mitochondria

Guest Editors:

Dr. Lillà Lionetti

Department of Chemistry and
Biology, University of Salerno,
84084 Fisciano, Italy

Prof. Dr. Assunta Lombardi

Università degli Studi di Napoli
Federico II, Department of
Biology, Naples, Italy

Deadline for manuscript
submissions:

closed (31 October 2019)

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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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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