



Bioactive Compounds as Modifiers of Mitochondrial Function

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Message from the Guest Editor

Mitochondria is an organelle found in most eukaryotic cells, with a primary function of generating energy in the form of adenosine triphosphate (ATP). In addition to producing energy, mitochondria functions include storing calcium for cell signaling activities, generating heat when needed, and mediating cell growth and death. Bioactive compounds (broadly defined as natural, artificial, or synthesized compounds) could exhibit actions in the human body that may promote or improve health. Bioactive compounds have been studied and used since ancient times for their potential role in reducing illnesses, infections, cancer, diabetes, heart failure, Alzheimer and other diseases. In this Special Issue, we invite you to submit your original manuscripts, reviews, and special communications focusing on mitochondrial aspects of bioactive compound effects in the context of human or animal pathophysiology, pharmacology, and general health.





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