



Mitochondrial Dysfunction and Oxidative Damage

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Message from the Guest Editor

Mitochondrial dysfunction and oxidative stress have been implicated in the pathogenesis of a number of diseases and conditions. The mitochondrial electron transport chain (ETC) is particularly vulnerable to reactive oxygen (ROS) and nitrogen (RNS) species induced impairment either as the result free radical induced damage to the enzyme complexes, mitochondrial DNA or mitochondrial membrane phospholipids. Once impaired the ETC then becomes a major source of ROS generation, which results in further damage to the ETC, as well compounding the cellular oxidative stress.

This Special Issue requests original research, mini and full reviews, and perspectives that address the progress and current standing in the field of mitochondrial dysfunction and oxidative stress.





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Message from the Editor-in-Chief

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