

Special Issue

Mitochondria in Health and Disease

Message from the Guest Editors

This Special Issue aims to present recent advances on the mechanisms that regulate mitochondrial physiology and on those that drive mitochondrial dysfunction and failure in pathological conditions. Mitochondria play a key role in a wide variety of interconnected processes which are crucial for cellular survival, such as energy metabolism, calcium regulation, and apoptosis. Impairments of some of these processes have been broadly described in the etiopathology and in the consequences of many diseases. Authors are invited to submit their latest results in mitochondrial research. Works conducted under physiological and/or pathological conditions are welcome. Potential topics of interest include but are not limited to: molecular structure of mitochondria and mitochondrial pores and channels, mechanisms of bioenergetics regulation and failure, characterization of mitochondrial dysfunction in various diseases, activation and regulation of apoptotic pathways and/or mitophagy.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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