



Mitochondrial Metabolism in Health and Disease: A Clinical Perspective

Guest Editors:

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Message from the Guest Editors

In this Special Issue, we aim to collect a sample of the latest research in mitochondrial metabolism. Altogether, the articles published in this collection will reinforce the significance of this organelle in the functioning of the cell and in human diseases. We welcome original research and review manuscripts on any aspects of mitochondrial metabolism, including mitochondrial dynamics, mitochondrial genetics, bioenergetics, the intrinsic pathway of apoptosis, the regulation of calcium levels, and oxidative stress. Studies on mitochondrial dysfunction in human disorders, including cancer and metabolic, cardiac, and neurodegenerative diseases, are also welcome. As the mitochondrion is a common link among these fields, participating researchers may uncover broader implications to their findings.





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Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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