

Special Issue

Mitochondrial Diseases

Message from the Guest Editor

Mitochondrial dysfunction has been implicated as a causal or contributing factor in the development and/or progression of multiple diseases. For some of these diseases, such as myoclonic epilepsy with ragged red fibers (MERRF) and mitochondrial encephalomyopathy, lactic acidosis, and stroke-like episodes (MELAS) syndromes, the link between specific genetic or metabolic alterations in mitochondria and the resulting pathology is well characterized. For other diseases, such as diabetes, Parkinson's, and cancer, the putative link between mitochondrial dysfunction and the pathology has proven significantly much more difficult to ascertain. The purpose of this Special Issue is to provide a current overview of a variety of known and suspected mitochondria-linked diseases, to highlight recent advances in understanding the role of mitochondria in disease etiology and progression, and to explore promising new compounds and therapeutic strategies for the treatment of mitochondrial disease. Submission of reviews and basic or translational research papers are encouraged. Prof. Dr. Josephine S. Modica-Napolitano

Guest Editor

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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