

Special Issue

Mitochondria as a Key Organelle for Novel Treatments Targeting Metabolic Diseases and Aging

Message from the Guest Editor

It is my great pleasure to invite your expert contributions to this Special Issue focused on the topic of novel therapeutics that target mitochondrial function for the treatment and prevention of metabolic diseases and aging. Over the years, various therapeutic strategies have targeted the maintenance of mitochondrial function. While most have shown promising results in the laboratory, the transition to the bedside has been slow and mostly inefficient. As such, new compounds, interventions or combined strategies are required to achieve the ubiquitously desired outcomes. This Special Issue aims to publish various reports and perspectives on the matter, stirring interest for novel players in mitochondria, or fresh looks into tested targets. It is my firm belief that these new strategies and treatments will bring forth the potential albeit elusive treatments for metabolic diseases such as obesity, type 2 diabetes, and cardiovascular dysfunction, which are in themselves indelibly associated with the multifactorial process of cellular aging and organ loss of function.

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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