Special Issue

Involved Biomolecules Within Lysosomal Energy Sensing in Health and Disease

Message from the Guest Editors

The goal of this Special Issue, entitled “Involved Biomolecules Within Lysosomal Energy Sensing in Health and Disease", is to provide a broad overview of the contribution of biomolecules linked to lysosomal energy sensing in health and in disease development and etiology. We welcome insights from the knowledge gained through the study of human subjects and animal models, and cellular-based research. This Special Issue aims to provide awareness about how this rapidly developing field opens new and transformational approaches to both maintaining health and treating disease. Original research and well-balanced review articles in this area are welcome. Research areas of interest include, but are not limited to, underlying mechanisms of lysosomal energy sensing, lysosomal energy sensing in cancer, neurodegeneration, arthritis, autoinflammatory diseases, and aging. Articles can focus on single biomolecules (examples include aldolase, Sirtuin 1) or on how key complexes, vacuolar H+-ATPase, lysosomal AMPK, and mTorc1, interact to modulate catabolic and anabolic pathways and inflammation in various settings.

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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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