

Special Issue

Metabolic Alterations in Muscle Diseases and Cancer Cachexia

Message from the Guest Editor

It is known that metabolic alterations are present in the majority of muscle pathologies. In-depth knowledge of these alterations constitutes a step forward in understanding the primary mechanisms of these diseases and facilitates the discovery of novel therapeutic targets. Muscle pathologies include a large and varied group of diseases, both of hereditary and non-hereditary origin, including tumor cachexia. Tumor cachexia is a systemic pathology caused by the presence of a tumor that mainly targets muscle tissue. The Special Issue, entitled “Metabolic Alterations in Muscle Diseases and Cancer Cachexia”, aims to provide an overview of recent discoveries regarding the metabolic changes that occur in muscle pathologies. Scientific articles and reviews that concern the alterations of the cellular metabolism and try to explain the origins of these alterations, for example, by evaluating the activation of certain signaling pathways and the involvement of regulatory RNA molecules (siRNAs, long non-coding RNAs, etc.) and epigenetic modifications, will be taken into consideration.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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