

Special Issue

Molecular Metabolism in the Tumor Microenvironment

Message from the Guest Editor

The tumor microenvironment is a highly organized ecosystem containing cancer cells surrounded by various non-malignant cell types, blood vessels, and the extracellular matrix. This Special Issue will focus on investigating mechanisms by which alterations of the metabolism of TME cells (e.g., endothelial cells, immune cells, fibroblasts, adipocytes, and neurons) can be implicated in tumor progression or response to therapies in order to understand the molecular basis of cancer. We welcome the submission of research manuscripts and reviews focusing on the implications' dynamics of metabolism in cancer, as well as those aimed at targeting the metabolism of TME cells as novel therapeutic strategies. For this Special Issue, we aim to collect comprehensive, up-to-date knowledge on the underlying biochemistry controlling cross-talk between tumor cells and TME. Topics include, but are not limited to: metabolic plasticity and heterogeneity in cells within the TME; metabolic immune suppression; targeting metabolism for cancer therapy; and metabolomic techniques used to dissect the TME.

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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