

Special Issue

Metabolic Pathways in Cancer Cells

Message from the Guest Editor

Metabolic Pathways in Cancer Cells delves into the intricate relationship between cellular metabolism and cancer development, presenting a comprehensive exploration of the diverse metabolic alterations that occur in cancer cells. This Special Issue summarizes cutting-edge research, clarifying the key role of reprogramming metabolism in tumor cells, oncogenesis, tumor progression, and therapeutic resistance. Contributions include various aspects, including dysregulated glucose metabolism, aberrant lipid metabolism, and altered amino acid utilization, shedding light on the molecular mechanisms driving these metabolic changes. Furthermore, this Special Issue aims to explore the interplay between oncogenesis, signaling pathways, and metabolic adaptations, providing valuable insights into potential therapeutic targets. By promoting a deeper understanding of cancer metabolism, this Special Issue aims to catalyze the development of new diagnostic tools and therapeutic strategies to counteract cancer progression and improve patient outcomes.

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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