

Special Issue

Genomics and Molecular Biology of Solid Tumors

Message from the Guest Editors

This Special Issue also encourages submissions exploring emerging areas such as tumor heterogeneity, clonal evolution, and metabolic reprogramming. The role of cancer stem cells, the tumor microenvironment, and immune modulation in therapy resistance and metastasis are also areas of interest. Contributions utilizing advanced models, such as organoids and 3D culture systems, or non-invasive diagnostic approaches like liquid biopsies are also welcome. Additionally, integrative multi-omics approaches and computational methods, including artificial intelligence and machine learning, promise to unravel the complexity of solid tumor biology. Novel therapeutic strategies, such as synthetic lethality, RNA-based therapies, and gene editing tools, are central to advancing precision oncology. By addressing these cutting-edge topics, this Special Issue is aimed at interdisciplinary collaboration and bridging the gap between basic research and clinical applications.

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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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