

Special Issue

Biomarkers and Therapeutic Approaches in Melanoma: New Omics-Strategies

Message from the Guest Editors

Melanoma remains one of the most aggressive and treatment-resistant forms of skin cancer. Despite important progress in immunotherapy and targeted therapies, clinical challenges such as resistance, recurrence, and heterogeneity persist. The development of novel diagnostic and prognostic biomarkers, along with innovative therapeutic strategies, is crucial for improving patient outcomes. Furthermore, multi-omics data integration and machine learning techniques are opening new avenues for precision oncology and individualized treatment plans. This Special Issue aims to provide a comprehensive overview of the current advances in melanoma research using omics technologies, with a focus on translational and clinical applications. We invite researchers to contribute original articles, reviews, and communications addressing the discovery and validation of biomarkers, therapeutic targets, and resistance mechanisms in melanoma.

Guest Editors

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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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