

Special Issue

Novel Challenges and Personalized Treatment of Melanoma

Message from the Guest Editors

The next frontier in melanoma care lies in personalized and precision-based approaches. The integration of genomic, transcriptomic, and immunologic data into clinical decision-making holds great promise for improving patient stratification and therapeutic response prediction. Equally important is the understanding of the tumor microenvironment, spatial heterogeneity, and mechanisms of immune evasion that define disease progression and treatment outcomes.

We invite original research articles, reviews, and short communications addressing, but not limited to, the following topics:

Novel immunotherapeutic and targeted strategies;
Biomarkers for therapy response and resistance;
Tumor microenvironment and immune profiling;
Liquid biopsy and ctDNA-based monitoring;
Spatial and single-cell analyses in melanoma research;
Management of rare melanoma subtypes;
AI and digital approaches in melanoma diagnostics;
Real-world and translational evidence in precision oncology.

By bringing together multidisciplinary perspectives, this Special Issue seeks to highlight innovative research directions and to promote a more personalized approach to melanoma diagnosis and treatment.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

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