

Special Issue

Precision Oncology: Targeting Molecular Subtypes in Cancer Therapy

Message from the Guest Editors

This Special Issue, entitled "Precision Oncology: Targeting Molecular Subtypes in Cancer Therapy", aims to explore current challenges and future directions in molecular subtyping for cancer treatment. We seek to highlight innovative approaches for identifying and targeting specific molecular subtypes, overcoming resistance mechanisms, and implementing precision diagnostics in clinical practice. Recent technological advances in genomic profiling, liquid biopsies, and artificial intelligence have dramatically enhanced our ability to identify actionable molecular alterations and monitor treatment response in real time. These developments create unprecedented opportunities for refining treatment selection and developing novel therapeutic strategies for molecularly defined patient subgroups. We invite the submission of original research articles and comprehensive reviews addressing molecular subtyping methodologies, biomarker discovery, resistance mechanisms, multi-omics integration, emerging diagnostic technologies, and innovative clinical trial designs for molecular subtypes in oncology.

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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