

Special Issue

Molecular Insight into Mesothelioma

Message from the Guest Editor

Malignant mesothelioma remains a highly aggressive and therapeutically challenging cancer, largely due to its complex molecular landscape and limited response to conventional treatments.

This Special Issue aims to provide a comprehensive overview of the most recent genetic and epigenetic mechanisms that drive mesothelioma initiation, progression, and therapeutic resistance, focusing on the cancer-immune system interactions and their implications for the success of therapeutic strategies.

Particular emphasis will be placed on epigenetic characteristics as determinants of tumor heterogeneity, disease aggressiveness, and resistance during the immunoediting.

In addition, this Special Issue will explore how molecular insights, derived from multiomics approaches, are being translated into novel therapeutic treatments, including targeted therapies, immunotherapies, and epigenetic remodeling, as well as combination approaches. Biomarker discovery, molecular stratification, and emerging preclinical and clinical models will also be discussed, with the goal of identifying cancer vulnerabilities and improving patient outcomes.

Guest Editor

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