

## Special Issue

# Translational Advances in Melanoma Molecular Research

### Message from the Guest Editor

Melanoma remains one of the most aggressive forms of skin cancer, characterized by its high metastatic potential and resistance to conventional therapies. Over the past decade, remarkable progress in genomics, transcriptomics, and molecular pathology has substantially deepened our understanding of the biological mechanisms that drive melanoma initiation, progression, and therapeutic response.

Despite these advances, a significant proportion of patients still develop resistance or derive only limited clinical benefit. This underscores the need for continued research into the molecular foundations of melanoma, with the goal of identifying new biomarkers, improving prognostic tools, and expanding therapeutic options.

This Issue aims to bring together cutting-edge studies on current advances of melanoma molecular research, from basic mechanistic discoveries to translational approaches with potential clinical impact. By highlighting current advances and emerging trends, the collection aims to foster a deeper understanding of melanoma biology and inspire innovative strategies to improve patient outcomes.

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### Guest Editor

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