

Special Issue

Precision Oncology in Melanoma Progression

Message from the Guest Editors

This Special Issue will be dedicated to summarizing the state-of-the-art in precision diagnosis and treatment of melanoma and will focus on genetic diagnosis, molecular mechanisms of resistance to targeted and immune-therapies, strategies to overcome resistance, and monitoring of disease progression and relapse under therapy (e.g., by liquid biopsy), to provide updated information on the current status of molecular, pharmaceutical, and translational scientific discoveries. Authors are encouraged to submit original research manuscripts but can also provide suggestions for review articles. Potential topics will include but are not limited to:

- Novel biomarkers for the early diagnosis and progression of melanoma;
- Molecular, genetic, and cellular alterations associated with melanoma;
- Genomic, transcriptomic, and tumor-infiltrating immune cell profiles in predicting immune checkpoint blockade response;
- Potential synergic effects of small molecules and immunotherapy in facing melanoma progression;
- Novel therapeutic strategies to overcome drug resistance melanoma;
- Application of -omics technologies in precision oncology in melanoma progression.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

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