

## Special Issue

# Advances in Melanoma Immunotherapy and Molecular Mechanisms of Drug Resistance, Second Edition

### Message from the Guest Editors

Melanoma is one of most aggressive human tumors and its incidence has rapidly increased in recent years.

Although highly curable when diagnosed in an early phase, melanoma is an aggressive disease when diagnosed at an advanced metastatic stage. Malignant melanoma is highly heterogeneous and substantially resistant to unselective treatments, such as chemotherapy. The identification of specific molecular targets and the evidence of microenvironment involvement in tumor genesis and progression have revolutionized the treatment of this pathology. This Special Issue of IJMS aims to describe the most recent pieces of evidence on targeted therapy and immunotherapy in melanoma and analyze the possible molecular mechanisms underlying drug resistance.

Research areas may include (but are not limited to) the following: New biomarkers for melanoma treatments; Molecular and genetic modifications associated with drug-resistance in melanoma; Melanoma tumor microenvironment; Novel therapeutic approaches in melanoma treatments; Omics technologies applied to melanoma (radiomic and genomic approaches).

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### Guest Editors

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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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.

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### Editor-in-Chief

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