

Special Issue

Precision Oncology in Melanoma Progression Volume II

Message from the Guest Editor

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. 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.

* An **early-bird discount** will be offered for submission before the deadline and you could contact SI editor liana.duan@mdpi.com for details.

Guest Editor

Dr. Simona D'Aguanno

Preclinical Models and New Therapeutic Agents Unit, Translational Research Functional Departmental Area, Research, Advanced Diagnostics and Technological Innovation Department, Regina Elena National Cancer Institute, Via Elio Chianesi 53, 00144 Rome, Italy

Deadline for manuscript submissions

closed (31 October 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/88694

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

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

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)