

Special Issue

Molecular Features of Skin Cancer

Message from the Guest Editor

Skin cancer is by far the most common type of cancer worldwide. The main types of skin cancer are melanoma, basal cell carcinoma, squamous cell carcinoma, and Merkel cell carcinoma. Most of these can be treated effectively if diagnosed early, but the prognosis can be poor in advanced disease. Molecular characterizations of these tumors and the understanding of the immune-escape mechanisms used by tumor cells have allowed us to create targeted or agnostic effective drugs. However, there is still the need for novel treatments, and thus, it is important to discover new molecular alterations or processes for their development. Recently, digital pathology has been shown to be able to identify molecular subgroups of cancers by analyzing the virtual slide with artificial intelligence systems. The aim of this Special Issue is to provide studies and reviews offering insights into the molecular features of the different subtypes of skin cancers, analyzing the molecular pathways involved in tumor cell plasticity and in tumor progression and metastasis, and presenting digital pathology tools or methods to recognize molecular alterations in these tumors.

Guest Editor

Dr. Rocco Cappellesso

Pathological Anatomy Unit, University Hospital of Padua, Via Aristide Gabelli, 61, 35121 Padova, Italy

Deadline for manuscript submissions

closed (27 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/99029

*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)