

Special Issue

Skin Cancer: A Focus from Pathophysiology to Novel Therapeutic Strategies

Message from the Guest Editor

Skin cancers—from actinic keratosis-derived squamous cell carcinoma to aggressive metastatic melanoma—are the most common human malignancies and an escalating global burden.

Topics of interest include (i) genomic, epigenomic, and metabolic drivers of malignant transformation; (ii) tumour–stromal–immune crosstalk, microenvironmental dynamics, and the cutaneous microbiome; (iii) emerging biomarkers, liquid biopsies, and advanced imaging for early detection, prognosis, and real-time therapeutic monitoring; (iv) AI-assisted predictive modelling and drug discovery pipelines; (v) next-generation treatments—signal pathway inhibitors, immune checkpoint modulators, adoptive cell therapy, oncolytic viruses, CRISPR-based platforms, vaccines, photodynamic/photothermal approaches, and nanomedicine-enabled combinations; (vi) mechanisms of resistance and toxicity mitigation; and (vii) population studies, real-world evidence, and survivorship quality-of-life assessments.

We look forward to receiving your valuable contributions and advancing the fight against skin cancer together.

Guest Editor

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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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