

Special Issue

Head and Neck Cancer: From Mechanisms to Therapeutic Approaches—Advances and Challenges

Message from the Guest Editors

Head and neck cancers (HNCs) represent a complex and diverse group of malignancies with significant global health impact. Despite advancements in understanding their pathogenesis and management, outcomes for many patients remain poor, particularly in advanced stages. This Special Issue aims to highlight recent progress in the field and promote multidisciplinary research linking basic, translational, and clinical sciences. Key areas of interest include molecular and cellular mechanisms driving tumor development and progression, the role of human papillomavirus in oncogenesis, and new perspectives on the tumor microenvironment. Contributions exploring innovative therapeutic strategies, including immunotherapies, targeted therapies and multimodal approaches, as well as the discovery of biomarkers to improve diagnosis, prognosis and therapeutic monitoring are encouraged. This Special Issue will also consider studies on the psychosocial and functional impact of HNCs treatments, strategies to improve quality of life and progress in personalized medicine.

Guest Editors

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Deadline for manuscript submissions

31 August 2025



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/229190

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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