

## Special Issue

# Advances in Molecular Genetics of Head and Neck Cancer

### Message from the Guest Editor

Head and neck cancer (HNC) encompasses a biologically and clinically diverse group of malignancies affecting the oral cavity, pharynx, and larynx. Despite advances in surgical techniques, radiotherapy, and systemic treatments, survival outcomes—particularly for advanced-stage disease—remain suboptimal. A more detailed understanding of the molecular and genetic drivers of HNC is critical to developing more effective and personalized therapeutic strategies. This Special Issue focuses on recent advances in the molecular genetics of head and neck cancer. We invite original research articles and comprehensive reviews that explore the genetic and epigenetic alterations involved in HNC development and progression. Topics of interest include driver mutations, chromosomal instability, dysregulated signaling pathways, tumor suppressors, oncogenes, and non-coding RNAs. We also welcome studies that employ next-generation sequencing, transcriptomics, or other multi-omics approaches to characterize tumor heterogeneity, identify molecular subtypes, and discover novel biomarkers for diagnosis, prognosis, or treatment response.

### Guest Editor

Dr. Jacek Kabziński

Department of Clinical Chemistry and Biochemistry, Medical University of Lodz, Narutowicza 60, 90-647 Lodz, Poland

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## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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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

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

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