

Special Issue

Head and Neck Cancer: Current Advances and Future Perspectives

Message from the Guest Editor

Head and neck cancers (HNCs) represent a diverse group of malignancies with complex biological behavior. Despite advances in diagnosis and treatment, outcomes remain suboptimal due to tumor heterogeneity, therapeutic resistance, and late-stage presentation. This Special Issue will focus on cellular and molecular mechanisms underlying HNCs, including genetic and epigenetic alterations, dysregulated signaling pathways, and abnormal protein interactions. We encourage submissions exploring the roles of oncogenes and tumor suppressor genes, as well as the impact of the tumor microenvironment on angiogenesis, metastasis, and immune evasion.

In addition, we welcome studies addressing mechanisms of drug resistance, tumor response to therapy, and the molecular etiology and risk factors that drive malignant transformation. Both original research and comprehensive reviews are invited.

Guest Editor

Dr. Ana Jotic

Faculty of Medicine, University of Belgrade, 2 Clinic for Otorhinolaryngology and Maxillofacial Surgery, University Clinical Center, Belgrade, Serbia

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Biology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biology@mdpi.com

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

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