



## Oral Cancer and the Microbiome

Guest Editor:

**Prof. Dr. Gabriel Nussbaum**

Institute of Biomedical and Oral  
Research, Faculty of Dental  
Medicine, Hebrew University of  
Jerusalem, Jerusalem 91120,  
Israel

Deadline for manuscript  
submissions:

**31 December 2024**

### Message from the Guest Editor

Oral cancers develop and thrive in microbe-rich environments and are associated with tobacco and alcohol consumption, and poor oral hygiene, conditions characterized by microbial dysbiosis and enrichment in anaerobic bacteria. The exploration of how microbes and their products act on tumor cells or on the tumor microenvironment (TME) is an active area of research. In addition to direct exposure to the oral microbiota, oral cancers are potentially influenced by metabolites of the gut microbiome. Furthermore, tumors themselves harbor microbes, and much of this microbiome, including bacteria and fungi, has been shown to reside intracellularly, within tumor cells as well as cells of the TME.

Many questions remain regarding the microbial composition of tumors, and the functional role of microbes and their metabolites in determining tumor characteristics, and clinical outcome. This special issue focuses on our current understanding of the various ways the oral, gut, and tumor microbiomes contribute to oral cancer biology. We aim to gather mechanistic as well as observational studies on this timely topic.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Samuel C. Mok

Department of Gynecologic  
Oncology and Reproductive  
Medicine, The University of Texas  
MD Anderson Cancer Center,  
Houston, TX 77030, USA

## Message from the Editor-in-Chief

*Cancers* is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

## 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, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Oncology) / CiteScore - Q1 (Oncology)

## Contact Us

---

Cancers Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/cancers](http://mdpi.com/journal/cancers)  
[cancers@mdpi.com](mailto:cancers@mdpi.com)  
[X@Cancers\\_MDPI](https://twitter.com/Cancers_MDPI)