

## Special Issue

# Oral Cancer and the Microbiome

### 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.

### 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

closed (31 December 2024)



## Cancers

an Open Access Journal  
by MDPI

Impact Factor 4.4  
CiteScore 8.8  
Indexed in PubMed



[mdpi.com/si/151096](https://mdpi.com/si/151096)

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

[mdpi.com/journal/  
cancers](https://mdpi.com/journal/cancers)





# Cancers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.4  
CiteScore 8.8  
Indexed in PubMed



[mdpi.com/journal/  
cancers](https://mdpi.com/journal/cancers)



## About the Journal

### 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.

---

### 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

---

### 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 - Q2 (Oncology) / CiteScore - Q1 (Oncology)