

Special Issue

The Role of the Dysbiotic Microbiota in Cancer

Message from the Guest Editor

The importance of the microbiome in health and disease is rapidly gaining acceptance, and there is growing evidence that the microbiome has far reaching effects, including controlling tissue homeostasis, cell fate decisions, and the pathogenesis and progression of various cancers. In humans and mice, it has been shown that the malignant tumors of the gut, skin, lungs, and several other organs have altered microbiota and that various etiologic agents that promote carcinogenesis are associated with dysbiotic microbiota, suggesting that the microbiome may be useful in the diagnosis of various cancers. Very recently, it was demonstrated that the microbiome regulates the efficacy of chemotherapy and immune-check point inhibitors, suggesting that the microbiome may be exploited for optimal response to various cancer treatments. In this Special Issue, we seek contributions that will further elucidate the dysbiotic microbiota in cancer and how the altered microbiome promotes cancer pathogenesis and progression.

Guest Editor

Prof. Dr. Weg M. Ongkeko

Division of Otolaryngology-Head and Neck Surgery, Department of Surgery, University of California, San Diego, La Jolla, CA, USA

Deadline for manuscript submissions

closed (31 January 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/21921

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

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.

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

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

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)