Special Issue

Tumor Microenvironment and Non-coding RNAs: Where We Are Now and Where We Are Going To

Message from the Guest Editor

The tumor microenvironment (TME) is a set of cells. extracellular vesicles, and molecules that, thanks to a close interaction with cancer cells, contribute to the development, growth, and progression of the tumor, including its ability to infiltrate the surrounding healthy tissues and give rise to metastases. The study of the expression and function of non-coding RNAs (ncRNA), especially ncRNAs exerting a regulatory role of gene expression (e.g.: microRNAs, circular RNAs, long noncoding RNAs, etc.) in the TME, and an in-depth analysis of their involvement in the crosstalk between the TME and tumor cells have seldom been conducted. Researchers involved in this field of study or related ones are welcome to submit articles and reviews to this Special Issue, Through this Special Issue, we aim to expand the knowledge base in this area, aiding understanding of which molecular networks are involved in the formation and modification of the microenvironment during the development and progression of tumors.

Guest Editor

Dr. Davide Barbagallo

Department of Biomedical and Biotechnological Sciences, University of Catania, Catania, Italy

Deadline for manuscript submissions

closed (20 December 2024)



International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/186333

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





International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





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)

