International Journal of
Molecular Sciences

IMPACT FACTOR 4.9

Indexed in: PubMed

CITESCORE 9.0

an Open Access Journal by MDPI

Non-coding RNAs in Glioblastoma Multiforme

Guest Editor:

Dr. Davide Barbagallo
Department of Biomedical and
Biotechnological Sciences,
Section of Biology and Genetics
"G. Sichel", University of Catania,
95123 Catania, Italy

Deadline for manuscript submissions:
closed (28 February 2023)

Message from the Guest Editor

Glioblastoma multiforme (GBM) is the most frequently diagnosed and aggressive brain and central nervous system (CNS) tumor. Deep study of the molecular mechanisms characterizing this tumor has led to its subtypization and to the identification of intracellular and extracellular molecular signatures that may help physicians to perform precise diagnosis, prognosis, and therapeutic interventions. Recent technological advancements in RNA sequencing have shown that the human genome is pervasively transcribed and that most of the transcriptome is made up of non-coding RNAs (ncRNAs) with a gene regulatory function (e.g., microRNAs, long non-coding RNAs, circular RNAs, etc.). NcRNAs are known to be involved in a plethora of physiological and pathological processes, including cancerogenesis. Some of them have been described as components of complex competitive endogenous RNA (ceRNA) networks and have been suggested either as drugs or therapeutic targets. The aim of this Special Issue is to summarize and expand the knowledge on the link between ncRNAs and GBM.

mdpi.com/si/76458

Special Issue

International Journal of
Molecular Sciences

IMPACT FACTOR 4.9

Indexed in: PubMed

CITESCORE 9.0

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology,
Institute of Nutrition and Food
Technology "Jose Mataix",
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences* (*IJMS*) 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, and molecular biophysics. *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.

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)

Contact Us

International Journal of Molecular Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
𝕏@IJMS_MDPI