



## Non-coding RNA (ncRNA) in Cancer

Guest Editors:

**Prof. Dr. Damjan Glavač**

Department of Molecular  
Genetics, Faculty of Medicine,  
University of Ljubljana, 1000  
Ljubljana, Slovenia

**Prof. Dr. Metka Ravnik-Glavač**

Institute of Biochemistry, Faculty  
of Medicine, University of  
Ljubljana, Vrazov trg 2, 1000  
Ljubljana, Slovenia

Deadline for manuscript  
submissions:

**closed (31 May 2022)**

### Message from the Guest Editors

Over the last three decades, researchers have discovered multiple types of RNA, including non-coding RNAs (ncRNAs) that are in general not involved in the production of proteins. ncRNAs include small nucleolar RNAs (snoRNAs), small nuclear RNAs (snRNAs), guide RNAs (gRNAs), RNaseP RNAs, transfer RNAs (tRNAs), ribosome RNAs (rRNAs), transfer messenger RNAs (tmRNAs), microRNAs (miRNAs), long non-coding RNAs (lncRNAs), piwi interaction RNAs (piRNAs), circular RNAs (circRNAs), and Y RNA (YRNA).

Novel RNA sequencing technologies and bioinformatics approaches have revealed not only novel types of ncRNAs but also elucidated the role of many ncRNAs in carcinogenesis. Usually, different ncRNAs interact with each other and form a highly complex regulatory network that controls important cellular programs. Disturbances to these programs lead to widespread changes in the fate of cells and contribute to development of cancer.

In this Special Issue, we will cover recent advances in any of the roles of ncRNA in cancer, such as function, mechanism of action, mode of interaction, as well as clinical studies. We welcome contributions in the form of original research articles and reviews.





an Open Access Journal by MDPI

## 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

## 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.

## 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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI