

Special Issue

RNA Regulatory Networks at the Crossroad of Human Diseases 3.0

Message from the Guest Editor

Exploration of the transcriptome space has turned the spotlight on the dark side of the RNA planet, noncoding RNAs (ncRNAs), which have been previously overlooked by conventional protein-coding studies.

Research on RNA-based networks is now outlining their relevant role in a wide range of biological pathways; the unbalancing of any network component can act as a driving force for human diseases, as demonstrated for various cancer types. While ceRNET research is still in its infancy, further advancements could help us gain deeper insights into molecular mechanisms underlying human diseases and even the identification of new biomarkers and therapeutic targets.

This Special Issue welcomes original research manuscripts unraveling novel RNA regulatory networks, their impact on human diseases and possible rules for ncRNA structure-function relationships; those reporting innovative methodological approaches, including new bioinformatics tools; and critical review manuscripts outlining various perspectives to set the stage for future research.

Guest Editor

Prof. Dr. Nicoletta Potenza

Department of Environmental, Biological and Pharmaceutical Sciences and Technologies (DiSTABiF), University of Campania "L. Vanvitelli", Via Vivaldi, 43-81100 Caserta, Italy

Deadline for manuscript submissions

closed (30 April 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/146457

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

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)