

Special Issue

RNA Regulatory Networks at the Crossroad of Human Diseases

Message from the Guest Editor

Exploration of the transcriptome space has turned the spotlight on the dark side of the RNA planet, non-coding RNAs (ncRNAs), previously overlooked by conventional protein-coding studies. It has become increasingly clear that ncRNAs constitute the largest class of RNA transcripts, resulting from pervasive transcription of the genome. We are now in an exciting era, which is unveiling the previously unappreciated regulatory power of all these RNA species and their functional interactions. Untangling such RNA-based networks is now outlining their relevant role in a wide range of biological pathways. ceRNET research is still in its infancy, but could fulfill the promise to gain a deeper insight into molecular mechanisms underlying human diseases. This special issue welcomes original research manuscripts, unraveling novel RNA regulatory networks and their impact on human diseases, possible rules for ncRNA structure-function relationships, or reporting innovative methodological approaches; critical review manuscripts with a perspective vision setting the stage for future research are also especially welcome.

Guest Editor

Prof. Nicoletta Potenza

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

Deadline for manuscript submissions

closed (28 February 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



mdpi.com/si/47809

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

mdpi.com/journal/

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
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 (Inorganic Chemistry)