

## Special Issue

# Selected Papers from the 1st RNA and RNase International Meeting and Related Research

### Message from the Guest Editor

We are currently organizing the First International Meeting on RNA and RNase, which will be held in Barcelona from 3rd to 4th July 2025

(<https://webs.uab.cat/rna-rnase-meeting/>). We invite researchers working at the RNA/RNase interface to participate in person or virtually. This project aims to bridge the realms of nucleic acids and proteins and promote discoveries at an interdisciplinary level. The birth of biochemistry at the beginning of the 20th century is closely related to RNases, from the first 3D structures to the first catalytic mechanism. Now, in the 21st century, we are witnessing the emergence of RNA protagonism..... This Special Issue will focus on the RNase–RNA encounters that rule cell biology, covering topics from basic science to therapeutics. As a taster, here are some open questions for discussion: i) What are the structural bases for RNA recognition by RNases? ii) How do post-transcriptional modifications govern RNA processing? iii) How do RNAs work as intercellular communicators? iv) Are small RNAs good diagnosis markers? v) How can we engineer novel RNase-based drugs?

### Guest Editor

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### Deadline for manuscript submissions

31 August 2025



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## 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.

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