

Special Issue

RNA Biology: Unraveling the Complex Interplay Between Proteins and RNAs in Gene Expression and Regulation

Message from the Guest Editor

RNA Biology: Unraveling the Complex Interplay between Proteins and RNAs in Gene Expression and Regulation delves into the intricate dance between proteins and RNAs in the complex world of gene expression and regulation. This Special Issue will explore the latest advancements in our collective understanding of the diverse roles of RNAs, from their transcriptional genesis to their post-transcriptional modifications, in shaping cellular function. We highlight the complexity of interactions between RNAs and proteins, including RNA-binding proteins, which orchestrate gene expression patterns and cellular responses. Furthermore, we encourage cutting-edge research on the emerging role of non-coding RNAs in gene regulation, epigenetic modifications, and disease pathogenesis. Through these studies, we can gain better insight into the dynamic and multifaceted nature of RNA biology, paving the way for future therapeutic interventions and biotechnological applications.

Guest Editor

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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.

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