

Special Issue

Non-Coding RNAs as Key Regulators in Human Disease Processes

Message from the Guest Editor

Non-coding RNAs (ncRNAs) have emerged as key regulators of gene expression and cellular function, profoundly influencing a wide range of physiological and pathological processes. In recent years, increasing evidence has highlighted the pivotal role of ncRNAs—including microRNAs, long non-coding RNAs, and circular RNAs—in the onset and progression of human diseases, ranging from cancer and neurodegenerative disorders to metabolic and cardiovascular diseases. These molecules not only serve as crucial players in disease mechanisms but also represent promising diagnostic biomarkers and therapeutic targets. This Special Issue aims to gather original research articles and comprehensive reviews that explore the functional roles of ncRNAs in human pathologies, their underlying molecular mechanisms, and their translational potential in clinical settings.

Guest Editor

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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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