

Special Issue

Role of RNA as Regulator, Therapeutic Target and Probe for Early Disease Diagnosis

Message from the Guest Editor

The emergence of high-throughput sequencing technologies has enabled researchers to explore the complex landscape of cellular RNA molecules, including both coding and non-coding species. It is evident that RNA is not only a messenger of genetic information but that it also plays crucial roles in various biological processes, such as gene expression regulation, cell cycle control, and responses to stress stimuli. This Special Issue explores the regulatory roles of both coding and non-coding RNAs and their potential to serve as sensitive and specific biomarkers for the early detection, progression, and therapeutic monitoring of a wide array of diseases. In addition to their potential as diagnostic and prognostic markers, coding and non-coding RNAs are also being explored as therapeutic targets for various disorders. Overall, this Special Issue aims to delve into the pivotal role of RNA molecules in the cellular landscape, particularly in the context of various disorders. By understanding the complex interplay between these molecules and cellular function, researchers can develop novel diagnostic tools and therapeutic strategies for a wide range of diseases.

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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