

Special Issue

Biomolecular Approaches to Regulate RNA Expression and Functions

Message from the Guest Editors

As exemplified by mRNA vaccines against COVID-19, RNA holds vast potential for therapeutic usages. Decades of research has uncovered that only few percent of RNA correspond to the exons of protein-coding genes, leaving majority of transcripts as non-protein-coding. These non-protein-coding transcripts are collectively called, non-coding RNAs (ncRNAs), which includes ribosomal RNAs (rRNAs), transfer RNAs (tRNAs), microRNAs (miRNAs), and long non-coding RNAs (lncRNAs). Not only within a cell but RNA actively participates in a cell-to-cell communication as in the form of exosomal RNA. Given the accumulated evidence for the versatility of RNA, this special issue calls for papers related to modulating RNA expression and/or functions using biomolecules. We welcome original research and review manuscripts to further broaden the understanding of RNA.

Guest Editors

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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