



Biomolecular Approaches to Regulate RNA Expression and Functions

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Message from the Guest Editors

Dear Colleagues,

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.

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Message from the Editorial Board

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