

## Special Issue

# Chemical Biology and Biotechnology of Nucleosides, Nucleotides, and Nucleic Acids

### Message from the Guest Editors

Recently, there has been a great development of science and technology for NASs (nucleic acid substances of nucleic acids, nucleotides, and nucleosides), especially highlighted by the success of mRNA vaccines. Many new functions have been discovered for nucleic acids, such as circular RNA, circular ssDNA, and lncRNA, as well as other NASs. For example, circular RNAs have been found to regulate gene expression with many interesting pathways, and some nucleosides and nucleotides have been found to encompass nutritional and healthcare functions. On the other hand, many novel understandings of the relationship between their structures and functions are proposed, especially for left-handed DNA or RNA, quadruplex, triplex, R-loop, as well as the complex between NASs and other molecules such as proteins and carbohydrates. For this Special Issue entitled “Chemical Biology and Biotechnology of Nucleosides, Nucleotides, and Nucleic Acids”, the wide scope of research on NASs of either natural or artificially synthesized ones is welcome. We hope that these high-level research results can deepen our understanding of biomolecules and even life.

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## Biomolecules

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*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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