

Special Issue

Biophysical Study of the Structure, Dynamics and Function of Nucleic Acids

Message from the Guest Editor

Nucleic acids in both their RNA and DNA forms are essential molecules to all forms of life. Numerous cellular mechanisms and pathways rely on dynamic RNA or DNA that induce local and transient changes in the secondary and tertiary structures of nucleic acids.

Exploring the diversity of dynamic structures and functions of RNA and DNA requires tools that can selectively probe these biomolecules. New tools have made it possible to visualize the structure, dynamic, and function of nucleic acids at the molecular level, both in vitro and inside the cell. This Special Issue calls for the submission of papers related to biophysical tools in experimental and computational methods to study nucleic acids' structure and understand their biological functions. In addition, different chemical probing strategies for nucleic acid labeling are also welcome.

Guest Editor

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Deadline for manuscript submissions

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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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