

Special Issue

Biomolecules and Material-Based Approaches in Biomedical Field—3rd Edition

Message from the Guest Editors

To date, biomolecules and material-based approaches have attracted significant attention in the biomedical field as they represent advanced strategies that are rapidly transforming the fields of biomedical diagnostics, therapeutics, pharmaceuticals, and drug delivery. Biomolecules range from small molecules, such as amino acids, vitamins, fatty acids, neurotransmitters, and hormones, to macromolecules, which include proteins, carbohydrates, nucleic acids, and enzymes. Intense research activity in this field has highlighted their crucial roles in both biological processes and pathologies. Besides their well-known role within the human body, they represent potential therapeutic molecules and biomarkers for disease diagnostics and pharmaceutical development. This Special Issue of *Biomolecules* will provide a comprehensive overview of the state of the art in biomolecules and material-based approaches in biomedical fields, presenting the latest advancements in biomolecule use for different biomedical purposes. We invite research papers that will consolidate our understanding in this area.

Guest Editors

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About the Journal

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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