

Special Issue

Biomarkers for Cancer

Message from the Guest Editor

With the emergence of precision medicine, advancements in next-generation genomic profiling technologies, and selective molecular targeted therapies, biomarkers have started to play an important role in the clinical management of cancer patients. Biomarkers can be categorised broadly into diagnostic, prognostic, predictive, recurrence, and pharmacodynamic. Cancer biomarkers can be DNA, DNA methylation, mRNA, miRNA/LnCRNA, proteins, metabolites, or processes such as apoptosis, angiogenesis, or proliferation. In cancer research and management, the concept of precision medicine relies on the development of valid biomarkers that can interrogate key aberrant cellular pathways potentially targetable with molecular targeted or immunologic therapies. The objective of this Special Issue is to discuss biomarker types (liquid biopsies) for cancer management, the standardization of biomarker development, traditional biomarkers versus non-invasive biomarkers, pitfalls and challenges in translating biomarkers into clinical practice, and strategies to accelerate biomarker uptake. For more information please visit the [special issue website](#)

Guest Editor

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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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