

Special Issue

Molecular Insights into Cancer Biomarkers: Identification and Practical Applications

Message from the Guest Editor

Nowadays, cancer research is evolving, and the identification of new biomarkers that can provide early cancer detection, predict its progression, or assist in treatment monitoring—preferably in a non-invasive manner—is transforming the oncology field in terms of diagnosis, prognosis, and treatment strategies. This Special Issue will focus on the discovery, validation, and clinical application of cancer biomarkers, with an emphasis on their role in tumor growth, progression, metastasis, and therapeutic intervention. This issue aims to highlight cutting-edge research on the identification of novel cancer biomarkers and their roles in tumor progression and metastasis, tissue matrix remodeling proteins and their significance in cancer metastasis, and biomarker-based therapeutic strategies. Also, a special emphasis will be placed on liquid biopsy biomarkers, with applications for monitoring tumor dynamics and therapeutic response. This Special Issue should appeal to a broad audience of oncologists, molecular biologists, and translational researchers, driving forward the integration of biomarkers into precision oncology.

Guest Editor

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Deadline for manuscript submissions

31 December 2025



Current Issues in Molecular Biology

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 3.7
Indexed in PubMed



mdpi.com/si/227955

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Biology*
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Message from the Editor-in-Chief

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