



**biomedicines**



*Special Issue Reprint*

## **Molecular Biomarkers of Tumors**

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In the fast advancing era of oncology from purely histopathological tumor classification to an integrated framework incorporating molecular genetics. Understanding the genetic makeup of tumors is essential for accurate diagnostics, prognostics, and therapeutic decision-making. With breakthroughs in sequencing technologies and genomic profiling, novel molecular biomarkers are being discovered—there is a demand to showcase and disseminate these advances. Translation of bench-side discoveries of genetic markers into routine clinical use is demanding in creating dynamic scientific discourse and collaborative networks.

The Special Issue of the “Molecular Biomarkers of Tumors: Advancing Genetic Studies” in Biomedicine provides not only timely and thoughtful reviews on Prostate Cancer, Glioma and Bladder Cancer, but also state-of-the-art research updates on Breast Cancer, Ovarian Cancer, Prostate Cancer, Lung Cancer, Renal Carcinoma as well as Chronic Myelomonocytic Leukemia. These research articles span discovery to clinical translation—to foster collaboration and propel precision oncology. The content of this Special Issue is to target cancer researchers and molecular biologists; clinical oncologists, pathologists, and laboratory medicine professionals, translational scientists and bioinformaticians working on the functional and clinical integration of genetic data. Precision medicine advocates and healthcare decision-makers interested in harnessing genetic insights for improved patient care; as well as interdisciplinary teams seeking to bridge scientific discovery with real-world clinical application.



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