

Special Issue

Tumor Genomics and Liquid Biopsy in Cancer Biology

Message from the Guest Editor

This Special Issue aims to explore the intersections of tumor genomics and liquid biopsy in advancing our understanding of cancer biology. Tumor genomics has revolutionized cancer research by uncovering key molecular mechanisms, identifying driver mutations, and providing insights into tumor evolution and heterogeneity. Liquid biopsy, as a minimally invasive tool, complements genomic studies by enabling the real-time monitoring of cancer progression and therapeutic response through the analysis of circulating tumor DNA (ctDNA), circulating tumor cells (CTCs), and extracellular vesicles. By integrating these approaches, researchers can address critical challenges in cancer diagnosis, treatment, and precision medicine. This Special Issue invites contributions that delve into the molecular underpinnings of tumor biology and technological innovations in liquid biopsy, fostering a holistic understanding of cancer.

Guest Editor

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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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