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Liquid Biopsy in Diseases

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Message from the Guest Editors

In the age of precision medicine, tumor nucleic acid characterization plays an important role in providing patients with the most appropriate diagnosis and treatment. The advancements in PCR and next-generation sequencing (NGS) paved the way for personalized medicine by enabling the genetic characteristics of tumors to be evaluated. The development of blood-based liquid biopsy technology is also at the center of the development of precision medicine. In particular, liquid biopsy has emerged as the gold standard for diagnosis and treatment following its FDA approval in 2016.

We are inviting innovative and original research papers focused on the development of various technologies for cancer diagnosis and monitoring using liquid biopsy, focusing on the experimental/laboratory and pre-clinical medicine aspects. The submission of review articles describing the latest technology on this topic are also encouraged.

Focusing on liquid biopsy, this Special Issue covers the use of circulating tumor DNA (ctDNA), circulating tumor cells (CTC), circulating tumor RNA (ctRNA), miRNA, and extracellular vesicles (EV).



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Special Issue



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Message from the Editor-in-Chief

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