



Utilization of Liquid Biopsy in Cancer Diagnosis and Management

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Deadline for manuscript
submissions:

closed (28 February 2023)

Message from the Guest Editors

Precision medicine has evolved in the last decade, with ongoing improvements in diagnostic and prognostic procedures. Therapeutic protocols have been established, and healthcare institutions, as well as national institutes of health, have dramatically changed patient outcomes. The desire to minimize the amount of tissue needed for precision medicine procedures expanded the protocols from peripheral blood for the analysis of cell-free circulating tumor DNA to RNA, circulating tumor cells (CTCs), extracellular vesicles (EVs), and even tumor-educated platelets (TEPs). Next-generation sequencing (NGS) and nanotechnologies are changing our approach to both cancer and non-cancerous clinical settings. The College of American Pathologists, of which one of the authors is a house delegate, promotes further the capillarization of liquid biopsy in peripheral rather than central clinical pathology laboratories. We welcome any submissions involved in supporting this technique in the third decade of the 21st century.





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