

Special Issue

Imaging and Liquid Biopsy Biomarkers for Cancer Diagnosis and Treatment

Message from the Guest Editors

Biomarkers are essential for cancer diagnosis and treatment. Imaging and liquid biopsy are both noninvasive methods that can be used to extract quantitative biomarkers repeatedly. A liquid biopsy involves testing blood and other bodily fluids. Radiomics and machine learning (ML)/ deep learning (DL) methods have been developed to study tumor heterogeneity. Imaging focuses on the tumor extent and heterogeneity measurement, while liquid biopsy detects tumor-derived molecules in circulation. In this Special Issue, we are interested in manuscripts that report work combining both imaging and liquid biopsy to diagnosis or treat cancer. Imaging modalities include magnetic resonance imaging (MRI), X-Ray imaging, computed tomography (CT), ultrasound, and nuclear medicine scans. The liquid biopsy includes tests that can evaluate circulating tumor cells (CTC), disseminated tumor cells (DTC), and circulating tumor DNA or RNA (ctDNA, ctRNA). We welcome original research articles or comprehensive review articles focusing on the combination of quantitative imaging and liquid biopsy biomarkers for cancer detection, staging, prognosis, or monitoring treatment response.

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About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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