Special Issue

Microfluidic Technology for Cancer Biomarkers Applications

Message from the Guest Editor

The fight against metastatic cancer is crucial in almost all cancers, and is one of the main challenges for medicine. Moreover, cancer-related deaths are the second leading cause of non-incidental deaths worldwide. Recent reports show the enormous potential of microfluidic technologies in cancer diagnosis, monitoring patients, screening and evaluating the effectiveness of applied therapy. This Special Issue focuses on microfluidic systems that are currently being developed to capture individual circulating tumour cells, exosomes, and circulating tumour DNA, etc., from the patient's blood, which could be treated as rapid cancer biomarkers. As personalized medicine develops, the demand for cancer biomarkers is growing rapidly, giving the possibility of applications of microfluidic technology. Therefore, articles reporting recent advances in the use of microfluidic technology for cancer biomarkers, as well as closely related topics, are very welcome. For detailed information, please visit here. Dr. Slawomir Jakiela

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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