



Circulating Tumor Cells as Cancer Diagnostic Biomarkers

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Message from the Guest Editor

Dear Colleagues,

The major cause of cancer mortality is metastasis; however, the mechanisms of clinical metastasis remain poorly understood. Because tumor cell dissemination mostly occurs through the blood, deciphering biomarkers, properties and characteristics of circulating tumor cells (CTCs) are of fundamental relevance to develop and implement novel drug therapies in oncology. CTCs can act as “liquid biopsy” to diagnose and monitor cancer in patients in “real time”. They represent clinically useful tools to better reflect cancer progression, nascent metastatic disease, and therapy efficacy in the patient.

The objective of this Special Issue is to publish latest findings of CTC research. Contributions outlining CTC discoveries in biological and clinical settings, CTC theoretical and pre-clinical models, CTC technologies and methods for their detection, and clinical findings applying CTC concepts, are welcome.

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Guest Editor





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Message from the Editor-in-Chief

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