

Special Issue

New Aspects of CTC Research for Basic Medicine and Clinical Application

Message from the Guest Editor

Although circulating tumor DNA (ctDNA) has now been established and widely used in clinical practice for repetitive genetic analysis, clinical application of CTC, another piece of liquid biopsy, still seems to be somewhat limited. However, CTC research is versatile and there is much potential in terms of both basic medical science and clinical application. Such CTC research includes the relationship between CTC and metastasis formation, mechanism of mobilization of CTCs into blood, heterogeneity of CTC including CTC clusters with hybrid type and epithelial–mesenchymal transition, cost-effective CTC detection and enumeration methodology capable to use in the routine blood test in the hospital, and sequential CTC monitoring for clarifying the dynamics of therapy response and genetic analysis of CTC. The purpose of this Special Issue is to highlight the latest advances in the field of CTC. Original research articles and literature reviews are welcome.

Guest Editor

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