

Special Issue

Liquid Biopsy in Complex Diseases

Message from the Guest Editor

Cancer is a leading cause of death in the world, and part of improving survival outcomes is early detection and personalized treatment. Assessment of molecular pathology is critical for cancer treatment, as tumor grade and metastatic potential determines therapeutic efficacy. Tissue-based analyses using tumor biopsies are limited by their availability and narrow scope of sampling (i.e., only one small section of a large, heterogeneous or metastatic tumor). Recent technology uses circulating tumor DNA, termed cell-free tumor DNA (ctDNA), which is present in body fluids such as blood plasma, urine, spinal fluid from dead cancer cells may help to assess the cancer type and grade. The advantage of liquid biopsies such as ctDNA is that we can look not only on the DNA or RNA coming from the cancer cells but also on the metagenome coming from the tumor micro-environment. In this Special Issue, we are looking for papers that discuss different aspects of liquid biopsy in complex diseases, including cancers, autoimmune-diseases and their microbiomes.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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