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Circulating Tumor Cells: Origin, Fate, and Roles in Immune Evasion and Metastasis

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Deadline for manuscript
submissions:

15 December 2024

Message from the Guest Editors

The past two decades have witnessed immense progress in the CTCs research, especially in the following areas: 1) The tumor microenvironment factors that drive the dissemination of tumor cells into the circulation; 2) The interaction of CTCs with circulating immunocompetent cells and their evasion of immunosurveillance; 3) The role of CTCs in the resistance to antitumor therapy and facilitation of metastases; and 4) The potential utility of CTCs as tumor markers and therapeutic targets. However, the advent of novel methods for isolating of CTCs and their characterization at the single-cell level in recent years have significantly advanced the understanding of their biology and clinical relevance. Consequently, CTCs have become a topic of interest for a broad spectrum of professionals, from oncologists and pathologists to researchers dedicated to basic, clinical, and translational studies.

Therefore, this Special Issue of *Cancers* invites research articles and timely reviews on all aspects of the biology of CTCs, their roles in cancer progression and metastasis, and the advances in immunotherapy targeting CTCs.



mdpi.com/si/165226

Special Issue



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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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